

BROWSING COPY ONLY

Job Listing Booklet

e2i Skills-Based Manufacturing Hiring Fair

Date:

10 Sep 2026

Thursday

Time:

10.00am to 4.00pm

Venue:

Heartbeat @ Bedok

Level 1, Atrium

1 Bedok North Street 1, S469662

(Nearest MRT: Bedok MRT)

OPEN ONLY FOR SINGAPOREANS, PRS & LTVP/LTVP+ HOLDERS (with PLOC/LOC only)

About e2i (Employment and Employability Institute)

e2i is the empowering network for workers and employers seeking employment and employability solutions. e2i serves as a bridge between workers and employers, connecting with workers to offer job security through job-matching, career guidance and skills upgrading services, and partnering employers to address their manpower needs through recruitment, training, and job redesign solutions. e2i is a tripartite initiative of the National Trades Union Congress set up to support nation-wide manpower and skills upgrading initiatives. For more information, please visit www.e2i.com.sg.

[Please note that the information provided is accurate as of 03 Sep 2026]

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- Process Engineering Manager (System Integration)
- Procurement Lead (Materials Management)
- Procurement Officer (Sub-Contracting)
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- Engineer, Facilities (Instrumentation & Control)
- Engineer, Facilities (Water)
- Equipment Automation Engineer
- Equipment Engineer (Etch, Photo, Thin Film, Diffusion)
- Full Automated Excellence Engineer
- Industrial Engineer (Cost)
- IT Infrastructure Engineer
- IT Infrastructure Manager
- Manager, Facilities (Mechanical)
- Module Associate Engineer
- Payroll Specialist
- Process Engineer (Etch, Photo, Thin Film, Diffusion)
- Process Integration Engineer
- Senior HR Specialist, Compensation & Benefits
- Yield Defect Associate Engineer
- Yield Defect Engineer

1. BeeX Autonomous Systems

BeeX is building the world's most advanced Hovering Autonomous Underwater Vehicles (HAUVs).

BeeX specialises in providing autonomous robotics solutions to safeguard underwater infrastructure in the maritime, energy and defense sectors, reducing over 90% of carbon emissions. We are pioneering Autonomous Robotics-as-a-Service (ARaaS) on a global scale, supported by decades of operational experiences in harsh waters. With unprecedented efficiency, we strive to provide our customers with a one-point solution for asset integrity management -- protecting assets they value, making sure they stay safe.

Job Position	Assistant Electrical Engineer (Sustaining)	Working hours / Location (s)
Pre – Requisites	• Diploma or B.Eng degree in Electrical Engineering, Computer Engineering, Mechatronics, or a relevant technical field. • 1-3 years of relevant hands-on experience in technical maintenance, field engineering, or systems integration role; experience with marine, or robotics systems is a strong plus. • Strong practical skills in electrical troubleshooting — comfortable using a multimeter, oscilloscope, and bench power supply to diagnose faults at component and system level. • Familiarity with software systems diagnostics — able to navigate logs, use SSH and CLI tools, and perform firmware updates; ROS/ROS2 experience is advantageous. • Strong hands-on skills for rework and repair, such as electronics assembly, soldering, crimping, wire harnessing. • Experience working with battery systems is a plus. • Able to read and interpret electrical schematics, wiring diagrams, and engineering drawings. • Self-driven and dependable; takes ownership of issues through to resolution and follows up without being chased. • Strong written communication skills — able to produce clear fault reports, SOPs, and handoff notes without supervision	• 5-day work week • 9am - 6pm • 38 Ang Mo Kio Industrial Park 2
Key Responsibilities	• Troubleshoot, diagnose, and resolve mechanical, electrical, and systems faults across all vehicle subsystems both on-site and in workshops includes power systems, motor drives, data connectivity, sensors, electronics, and mechanical chassis. • Conduct repair of vehicle systems: covering disassembly and replacement or rework of affected parts, such as pressure hulls, thrusters, PCB rework, wire harnesses, etc. • Verify all repaired assemblies through thorough functional and environmental testing, and sea trial, before redeployment. • Identify and conduct root cause analysis (RCA) on recurring faults and failures; document findings and drive corrective actions to prevent recurrence. • Provide on-call technical support to field operators, including remote triage and step-by-step guidance for in-field issues. • Work alongside the engineering team to provide field feedback, flag design-for-maintainability issues, and support continuous improvement for vehicle reliability. • Maintain clear and accurate maintenance records, fault logs, repair reports, and service guides for all fleet vehicles. • Build documentation of diagnosis processes and fixes for on-site response and in-depth workshop repairs.	

Job Position	Electrical Engineer	Working hours / Location (s)
Pre – Requisites	• Bachelor's Degree in Electronics, Electrical Engineering or equivalent • 3-6 years of experience designing and implementing Electrical Architecture of robotic systems. • Experience with battery operated designs, embedded systems, microcontrollers, sensor and actuator interfacing. • Experience with low voltage power electronics design for battery operated systems (power regulation, boost/buck conversion, power protection, load balancing etc). • Experience with Altium designer and other equivalent PCB CAD software. • Experience with any 2D schematic, wire harnessing and cable assembly design software. • Experience with C++ for embedded systems programming and development. • Knowledge of python is a plus for high level interfacing and algorithms development. • Experience with git and version control systems. • Experience with quality control and test procedures for tests such as in EMI-EMC, Vibration, temperature, humidity testing is a plus.	• 5-day work week • 9am - 6pm • 38 Ang Mo Kio Industrial Park 2
Key Responsibilities	• Design and Implement of sub-components of our Hovering Autonomous Underwater Vehicle. • PCB Design of Electronics boards for interfacing, operation and control of our vehicles. • Power electronics are designed to various system components, sensors and actuator systems. • Wire harness and cabling design and production drawing generation(2D and 3D). • Firmware development on microcontrollers such as Atmega and ARM for real-time control of hardware components. • Bench-testing and field testing of key sensors and components for integration into our vehicles. • Carry out intensive bench and in-water testing of our vehicles, and document performance. • Stress testing of system components for harsh environment operations such as thermal, vibration, EMI-EMC and humidity. • Gather user requirements in collaboration with management team and end customers.	

Job Position	Engineering Lead	Working hours / Location (s)
Pre – Requisites	• Bachelor's degree or higher in Mechanical Engineering, Marine/Offshore Engineering, Mechatronics, Electrical or related field. • 5+ years of hands-on mechanical engineering experience, with direct experience designing, building, or maintaining ROVs, AUVs, or other subsea/marine robotic systems.	• 5-day work week • 9am - 6pm • 38 Ang Mo Kio Industrial Park 2
Key Responsibilities	• Lead the mechanical design, analysis, and integration of subsea vehicles (HAUV/AUV/ROV), including pressure housing, frames, buoyancy, propulsion, and payload/sensor mounts.	

Job Position	Mechanical Engineer	Working hours / Location (s)
Pre – Requisites	Desired Qualities and Skillsets: • B.Eng in Engineering (Mechanical), or related experience. • 0-3 years of experience in mechanical product design from concept to product delivery to customers. • Proficient in SolidWorks or equivalent engineering CAD design software. • Experienced with prototyping and various manufacturing methods ranging from 3D printing, laser cutting, CNC, welding, composites etc. • Experienced with Finite Element Analysis and Computational Fluid Dynamics simulation modelling such as SolidWorks, ANSYS, OpenFOAM or equivalent simulation software. • Experienced with corrosion control methods and thermal design methods is a plus.	• 5-day work week • 9am - 6pm • 38 Ang Mo Kio Industrial Park 2
Key Responsibilities	• Design and Implement overall Mechanical Systems of Autonomous Platforms: Hovering Autonomous Underwater Vehicle (HAUVs) • Design of mechanical components, mechanisms and electronics housings in CAD. • Conduct Finite Element Analysis Simulation on design components for structural integrity and stress failure assessment. • Drafting of 2D drawings for fabrication and assembly. • Assembly and testing of designed mechanical components in the workshop and testing in real world environments. • Sail out to sea for testing and evaluation of completed mechanical designs and other robotic systems. • Gather user requirements in collaboration with management team and customers. • Establish test procedures for mechanical quality control and regulatory compliance.	

Job Position	Mechatronics Engineer	Working hours / Location (s)
Pre – Requisites	• B.Eng in Engineering (Mechatronics), Computer Engineering, Mechanical Engineering, Electrical Engineering or related experience. • 0-3 years of experience in mechanical product design from concept to product delivery to customers. • Proficient in SolidWorks or equivalent engineering CAD design software. • Experienced with prototyping and various manufacturing methods ranging from 3D printing, laser cutting, CNC, welding, composites etc. • Experienced with Finite Element Analysis and Computational Fluid Dynamics simulation modelling such as SolidWorks, ANSYS, OpenFOAM or equivalent simulation software. • Experienced with corrosion control methods and thermal design methods is a plus. • Experience with battery operated designs, embedded systems, microcontrollers, sensor and actuator interfacing. • Experience with low voltage power electronics design for battery operated systems (power regulation, boost/buck conversion, power protection, load balancing etc). • Experience with Altium designer and other equivalent PCB CAD software.	• 5-day work week • 9am - 6pm • 38 Ang Mo Kio Industrial Park 2

Job Position	Mechatronics Engineer	Working hours / Location (s)
	• Experience with any 2D schematic, wire harnessing and cable assembly design software. • Experience with C++ for embedded systems programming and development. • Knowledge of python is a plus for high level interfacing and algorithms development. • Experience with git and version control systems. • Experience with quality control and test procedures for tests such as in EMI-EMC, Vibration, temperature, humidity testing is a plus.	
Key Responsibilities	• Design and Implement overall Mechanical Systems of Autonomous Platforms: Hovering Autonomous Underwater Vehicle (HAUVs) • Design of mechanical components, mechanisms and electronics housings in CAD. • Conduct Finite Element Analysis Simulation on design components for structural integrity and stress failure assessment. • Drafting of 2D drawings for fabrication and assembly. • Assembly and testing of designed mechanical components in the workshop and testing in real world environments. • Sail out to sea for testing and evaluation of completed mechanical designs and other robotic systems. • Design and Implement of sub-components of our Hovering Autonomous Underwater Vehicle. • Power electronics are designed to various system components, sensors and actuator systems. • Wire harness and cabling design and production drawing generation(2D and 3D). • Firmware development on microcontrollers such as Atmega and ARM for real-time control of hardware components. • Bench-testing and field testing of key sensors and components for integration to our vehicles. • Carry out intensive bench and in-water testing of our vehicles, and document performance. • Stress testing of system components for harsh environment operations such as thermal, vibration, EMI-EMC and humidity. • Gather user requirements in collaboration with management team and customers. • Establish test procedures for mechanical quality control and regulatory compliance.	
Job Position	Repair Engineer	Working hours / Location (s)
Pre – Requisites	Desired Qualities: • Diploma or Degree in Mechanical, Electrical, Electronics, Mechatronics, Marine, or related engineering discipline. • 2–5 years of hands-on repair or maintenance experience with robotics, marine equipment, electronics, or similar mechatronic systems. • Working knowledge of electrical/electronic troubleshooting (multimeters, oscilloscopes, soldering, wiring harnesses). • Familiarity with mechanical assembly, sealing/waterproofing techniques, and torque/fastening standards.	• 5-day work week • 9am - 6pm • 38 Ang Mo Kio Industrial Park 2

Job Position	Repair Engineer	Working hours / Location (s)
	• Ability to read and interpret technical drawings, wiring diagrams, and schematics. • Comfortable working with hand and power tools, and basic workshop/test equipment. • Strong problem-solving mindset with meticulous attention to detail and documentation. • Able to work outside standard hours or travel for on-site repair support. Good to Have: • Prior experience with underwater vehicles (ROV/AUV/UUV), diving equipment, or marine robotics. • Experience with pressure/leak testing rigs and subsea connectors (e.g. SubConn, Impulse). • Exposure embedded systems, PCB-level repair, or firmware flashing. • Knowledge of CMMS or similar maintenance-tracking systems.	
Key Responsibilities	• Diagnose mechanical, electrical, and electronic faults in HAUVs and subsea payloads following field deployments or bench testing. • Carry out corrective and preventive maintenance on vehicle hulls, thrusters, tethers, connectors, penetrators, and pressure housing. • Repair and calibrate onboard sensors, cameras, sonar units, and navigation modules. • Perform waterproofing, pressure, and leak testing before vehicles are returned to service. • Troubleshoot power, communication, and control system faults down to component level. • Maintain accurate repair logs, root-cause analysis of records, and spare parts usage in the maintenance management system. • Identify recurring failure patterns and feed findings back to Manufacturing and R&D to drive design improvements. • Manage spare parts inventory for repairs, flagging reorder points to procurement. • Support pre-deployment checks, post-mission inspections, and turnaround servicing between missions. • Ensure all repair work complies with safety, quality, and documentation standards. • Provide occasional on-site / offshore repair support during operations, as required.	

Job Position	Research Fellow - Robotics Autonomy Software Engineer	Working hours / Location (s)
Pre – Requisites	Technical Competencies: • PhD (or near completion) in Electrical/Mechanical Engineering, Computer Science, or a related discipline. • Candidates without PhD but with strong technical competency and relevant experience will also be considered for this role • Strong foundation in autonomous systems, robotic perception and 3D computer vision • Proficiency in Python/C++ and ROS (Robot Operating System) • Experience in machine learning and signal processing for anomaly detection. • Familiarity with 3D reconstruction and point cloud processing • Understanding of sensor fusion and navigation algorithms	• 5-day work week • 9am - 6pm • 38 Ang Mo Kio Industrial Park 2

Job Position	Research Fellow - Robotics Autonomy Software Engineer	Working hours / Location (s)
	<u>Preferred Experience:</u> • Hands-on experience with AUVs, ROVs, or other field robotics systems. • Experience in structural defect detection based on visual and/or 3D point cloud • Exposure to deep learning frameworks (TensorFlow, PyTorch) for perception tasks. • Knowledge of autonomous mission planning • Familiarity with Linux, Docker, and version control systems (Git). • Previous work in infrastructure inspection, marine sensing, or predictive maintenance applications. <u>Personal Attributes:</u> • Strong analytical and problem-solving mindset. • Self-motivated and proactive in research execution. • Excellent communication and teamwork skills across academic and industry partners. • Willingness to participate in field deployments and trials.	
Key Responsibilities	• Design and implement algorithms for structural anomaly detection from sensor data (e.g. camera, forward looking sonar, multi-beam sonar, etc.). • Conduct simulation and field trials, including data collection, processing, and analysis. • Work with cross-disciplinary teams to integrate algorithms into operational AUV platforms. • Prepare technical documentation, research publications, and project deliverables.	

Job Position	Robotics Autonomy Software Engineer	Working hours / Location (s)
Pre – Requisites	• PhD/Msc in Computer Engineering or Computer Science. Proficiency in C++ and Python within a Linux environment. Extensive experience writing code for complex robotic systems and familiarity with the Robot Operating System (ROS1) framework. Proficiency in the usage of Deep Learning frameworks such as Pytorch. • Experience with 3D computer vision techniques. • Experience with SLAM for localisation methods and various path planning algorithms. • Experience with sensor and actuator hardware integration. • Testimonial of 2 other engineers who have worked with you	• 5-day work week • 9am - 6pm • 38 Ang Mo Kio Industrial Park 2
Key Responsibilities	• High-Level Mission Planning: Design and execute autonomous action plans to achieve inspection objectives efficiently and safely under operational constraints. • Mapping: Develop methods to transform noisy sonar sensor data into navigable maps suitable for autonomous underwater vehicle (AUV) path planning and decision-making. • Adaptive Mission Execution: Enable robust mission adjustment in harsh and low-visibility environments by accounting for odometry drift, environmental uncertainty, and adversarial conditions; assess deviations between expected and observed structures and respond accordingly.	

Job Position	Robotics Autonomy Software Engineer	Working hours / Location (s)
	• Anomaly Detection: Build capabilities to detect and localize structural anomalies or defects during inspection and adapt inspection behavior based on findings. • Sensor Integration: Integrate and optimize hardware drivers and low-level interfaces to extract maximum performance and implicit state information, supporting higher-level autonomy and perception. • Develop middleware drivers to link hardware with the robotics software stack, including to test and debug robotics algorithms using Software-in-the-Loop (SITL) simulation. • Mentor and guide junior engineers in achieving their technical outcomes.	

Job Position	Sales Engineer	Working hours / Location (s)
Pre – Requisites	• Bachelor's degree in Systems Engineering, Mechanical Engineering, Electrical Engineering, Computer Engineering, or a related technical field • 0 to 3 years of experience in business development, project coordination, systems integration, or technical roles • Strong systems thinking and structured problem-solving skills • Experience working across cross-functional or multidisciplinary teams • Strong communication, stakeholder management, and persuasion skills • Ability to analyse data and generate actionable insights across both technical and commercial domains • Familiarity with tools such as Excel, Notion, Jira, or similar project and productivity platforms <u>Good to Have (but not required):</u> • Hands-on experience in systems engineering, integration, or technical project delivery • Exposure to robotics, autonomous systems, defence, or industrial automation environments • Experience in sales, lead generation, or customer-facing technical roles • Prior experience in startups or fast-moving engineering environments	• 5-day work week • 9am - 6pm • 38 Ang Mo Kio Industrial Park 2
Key Responsibilities	<u>1. Drive Revenue & Business Growth</u> • Generate and manage qualified leads to building a robust sales pipeline, with a focus on technical and engineering-driven markets • Track lead engagement and conversion performance monthly, applying structured analytical thinking to identify patterns and optimize outcomes • Support the achievement of sales targets by providing data-driven insights and technical credibility in client conversations • Prepare and maintain sales forecasts, identifying risks, opportunities, and actionable recommendations using systematic frameworks	

Job Position	Sales Engineer	Working hours / Location (s)
	• Develop and implement strategies to improve lead generation and conversion, leveraging your understanding of engineering buyer behavior <u>2. Market & Product Positioning</u> • Develop deep technical fluency in the company's products, systems architecture, and value proposition • Translate complex engineering solutions into compelling, commercially relevant narratives for both technical and non-technical audiences • Conduct market and competitor analysis with an engineering lens, identifying capability gaps, integration opportunities, and emerging trends • Support positioning strategies that highlight technical differentiation and system-level advantages <u>3. Project Execution & Coordination</u> • Apply systems thinking to coordinate cross-functional teams across engineering, operations, and business functions for seamless project delivery • Own project timelines, deliverables, and milestone tracking with rigor, ensuring alignment with scope, schedule, and technical requirements • Support technical planning, integration testing, and deployment phases, drawing on your engineering background to bridge gaps between teams • Ensure technical deliverables meet project requirements, client specifications, and quality standards <u>4. Stakeholder & Client Management</u> • Build and maintain strong relationships with technically sophisticated customers, partners, and stakeholders • Engage clients to understand their systems requirements, operational challenges, and technical constraints • Translate complex client requirements into structured project scopes, specifications, and business actions • Deliver clear updates, reports, and presentations that resonate with both engineering teams and executive audiences <u>5. Risk, Reporting & Operations</u> • Apply root cause analysis and risk assessment methodologies to identify bottlenecks, dependencies, and failure points across projects and pipelines • Develop mitigation strategies that reflect an understanding of systems interdependencies and technical constraints • Maintain structured documentation including system requirements, meeting minutes, project reports, and action trackers • Provide management with clear visibility into both project performance and commercial outcomes	

Job Position	Sales Engineer	Working hours / Location (s)
	<u>6. Leadership & Team Development</u> • Support hiring and onboarding of interns or part-time team members, with an eye for technical aptitude and structured thinking • Mentor junior team members on both technical coordination and commercial awareness • Foster a rigorous, accountable, and growth-oriented team culture <u>7. Marketing & Business Operations Support</u> • Support the execution of technical marketing initiatives that communicate engineering credibility and product capability • Contribute to thought leadership content and outreach strategies targeting engineering and technology communities • Take ownership of smaller projects end-to-end, demonstrating initiative and delivery capability	

Job Position	Senior Technician (MRO)	Working hours / Location (s)
Pre – Requisites	• Diploma or degree in Electrical Engineering, Mechatronics, Electronics, Aerospace, or a related technical field. • 3+ years of hands-on experience in technical maintenance, MRO, or systems repair role; experience with marine, subsea, robotics, or UAV systems is a strong plus. • Strong practical skills in electrical and electronic fault-finding — experienced with multimeter, oscilloscope, bench power supply, and component-level diagnosis. • Hands-on experience with Electronics assembly, PCB rework and soldering, wire harness repair and fabrication, crimping. • Familiarity with software-side diagnostics — use system logs, SSH and basic CLI tools, and firmware update. • Able to read and interpret electrical schematics, wiring diagrams, mechanical drawings, and assembly documentation. • Experience with underwater or subsea equipment repair is a plus. • Experience with battery systems is a plus. • Leadership and team coordination skills. • Meticulous with documentation. • Good problem-solving and analytical abilities. • Basic computer skills (production systems, reporting tools, MS Office). • Knowledge in Linux based OS(Ubuntu) is a plus.	• 5-day work week • 9am - 6pm • 38 Ang Mo Kio Industrial Park 2
Key Responsibilities	• Perform hands-on inspection, servicing, and repair of HAUUV systems - covering mechanical chassis, pressure hulls, sealing systems, thrusters, actuators, wiring harnesses, power electronics, sensors, and data connectivity. • Troubleshoot and diagnose faults at system and component level across mechanical, electrical, and software subsystems; use test equipment (multimeter, oscilloscope, bench power supply) to isolate root causes. • Carry out component-level rework and repair including PCB soldering and rework, wire harness repair and fabrication, connector determination, and motor driver and power system repair.	

Job Position	Senior Technician (MRO)	Working hours / Location (s)
	• Verify all repaired assemblies through thorough functional and environmental testing prior to redeployment; conduct or support sea trial verification where required. • Lead and guide junior technicians on repair tasks, inspection routines, and workshop procedures; ensure work is completed to standard and on time. • Conduct root cause analysis (RCA) on recurring faults and failures; document findings and recommend corrective actions to prevent recurrence. • Build and maintain clear repair documentation, fault logs, service guides, and step-by-step troubleshooting procedures for common failure modes. • Provide on-call technical support to field operators for in-field issues; perform remote triage and guide on-site staff through basic fault resolution. • Collaborate with the engineering and procurement teams to flag design-for-maintainability issues, support introduction of new vehicle variants, and improve overall fleet reliability.	

2. Hyve Solutions Singapore

Hyve Solutions is a leading provider of hyperscale digital infrastructure solutions, specializing in the design, manufacturing, and delivery of custom-built servers, storage, and rack-level integration solutions for cloud service providers, enterprises, and data center customers. As part of the TD SYNEX family, Hyve Solutions combines engineering expertise with advanced manufacturing capabilities to deliver high-quality, scalable, and innovative computing solutions that support the world's largest cloud and AI infrastructure deployments.

Job Position	Process Engineer IV	Working hours / Location (s)
Pre – Requisites	• Bachelor's degree in Engineering (preferably Industrial or Mechanical Engineering) • Experience in manufacturing, NPI, or process engineering is preferred • Familiarity with production systems, BOM validation, and shop floor operations • Experience in managing engineering changes (ECN/ECO) is a plus • Strong analytical and problem-solving skills • Continuous improvement mindset • Knowledge of Lean Manufacturing and 5S principles • Good communication and presentation skills • Strong attention to detail and accuracy • Ability to work both independently and collaboratively	• 12-hours shift work • 6 Tampines Industrial Avenue 5
Key Responsibilities	• Assess and establish production infrastructure and process flow setup • Manage New Product Introduction activities and ensure smooth production ramp-up • Validate Work Order BOM and ensure accuracy within systems • Set up and maintain shop floor control system routing • Define and maintain repair and quality error codes • Develop and maintain process flow diagrams, work instructions and packaging instructions • Manage engineering change processes and implementation • Update manufacturing documentation and related production records • Conduct production training related to NPI, KPI tracking and engineering changes • Provide detailed project status reports • Analyze task time and workforce requirements for production planning	
Job Position	Process Engineer Technician III	Working hours / Location (s)
Pre – Requisites	• Diploma or above in Engineering or a related field • Minimum 2 years of experience in a manufacturing or engineering support role • Experience working in a production or factory environment • Strong analytical and problem-solving skills • Basic project coordination experience • Knowledge of Lean Manufacturing and 5S principles • Understanding of Electrostatic Discharge best practices • Ability to use basic hand tools and workshop equipment • Good communication skills • Ability to work under pressure and meet tight deadlines	• 12-hours shift work • 6 Tampines Industrial Avenue 5

Job Position	Process Engineer Technician III	Working hours / Location (s)
	• Team player with ability to work independently • Basic computer skills	
Key Responsibilities	• Assist engineers in validating new equipment and manufacturing processes • Troubleshoot technical issues and conduct Root Cause Analysis • Support continuous improvement initiatives across the production floor • Participate in cross-functional activities to improve operational performance • Assist in evaluating processes and equipment for regulatory compliance • Support development of technical capabilities across departments • Fabricate and maintain basic jigs and fixtures • Maintain accurate records and compile reports • Collaborate with engineering teams and stakeholders	

Job Position	Test Engineer IV	Working hours / Location (s)
Pre – Requisites	• Strong knowledge of testing methodologies, planning and analysis • Ability to analyze test data and implement solutions • Bachelor's degree in Industrial Engineering, Electrical Engineering or related field • Minimum 5 years of relevant experience • Experience with manufacturing equipment maintenance and calibration • Strong communication and stakeholder management skills • Experience in electronics or PCBA manufacturing preferred • Familiarity with ISO 9001 preferred	• 12-hours shift work • 6 Tampines Industrial Avenue 5
Key Responsibilities	• Develop, implement and maintain Test Process Instructions • Train production operators and technicians on test processes • Troubleshoot test failures and perform Root Cause Analysis • Develop and maintain test scripts and diagnostic programs • Define integration and test strategies, plans and schedules • Configure server systems for testing and validation • Design and develop test fixtures • Support New Product Introduction activities • Install hardware, cable routing and labeling • Build systems according to engineering drawings • Review test equipment utilization • Collaborate with cross-functional teams • Ensure workplace health and safety compliance • Prepare technical presentations	

Job Position	Test Engineer Technician III	Working hours / Location (s)
Pre – Requisites	• Associate degree or above in Computer Science, Engineering, or related field • 2 to 4 years of relevant experience in testing or manufacturing • Experience in server, rack or hardware testing is a plus	• 12-hours shift work

Job Position	Test Engineer Technician III	Working hours / Location (s)
	• Basic knowledge of Linux and Disk Operating System environments • Understanding of basic electrical concepts • Hardware and network troubleshooting skills • Ability to read Python or other programming scripts • Strong analytical, communication and teamwork skills	• 6 Tampines Industrial Avenue 5
Key Responsibilities	• Translate and understand Test Process Instructions and train testers • Maintain and upload training records • Create and manage Golden Images for servers • Coordinate approval processes for production readiness • Develop and configure rack test templates • Deploy rack configurations into test systems • Maintain database entries for new components • Troubleshoot production test issues and conduct Root Cause Analysis • Escalate complex issues when necessary • Raise tickets and coordinate issue resolution • Provide guidance to junior technicians	

Job Position	TSG/IT Engineer	Working hours / Location (s)
Pre – Requisites	• Diploma or Degree in Information Technology, Computer Science, or related discipline • 1 to 3 years of desktop support or information technology helpdesk experience • Knowledge of Windows, Microsoft Office 365, Active Directory, networking and PC hardware • Experience supporting printers, scanners, mobile devices and office equipment • Strong troubleshooting and communication skills • Able to prioritize multiple support requests • Team player with customer-focused mindset • Willing to work on-site	• 12-hours shift work • 6 Tampines Industrial Avenue 5
Key Responsibilities	• Perform computer installations, repairs and preventive maintenance • Recommend suitable software solutions to meet user requirements • Troubleshoot software, hardware and network failures • Assist network administrators when required • Provide guidance and first-line technical support to users • Install, configure and maintain employee systems, access and applications • Support information technology asset deployment and retirement • Provide local troubleshooting and system support • Support office relocation and migration projects • Develop and document process improvements	

3. Jabil Circuit Singapore

Jabil is an American multinational manufacturing services company founded in 1966 and headquartered in St. Petersburg, Florida. It provides comprehensive design, engineering, manufacturing, and supply chain solutions to the world's leading brands across diverse industries, including healthcare, automotive, renewable energy, and AI cloud data centers. GF) is one of the world's leading semiconductor foundries and the only one with a truly global footprint spanning three continents. We manufacture complex, feature-rich integrated circuits that enable billions of electronic devices. At GF, we make things that matter — from the solutions that enable the way we live today, to the technologies that drive what's possible for tomorrow. Join us in changing the industry that is changing the world.

Job Position	Master Planner	Working hours / Location (s)
Pre – Requisites	• Bachelor's degree + 5 years of experience, or Masters + 3 years of related experience, or PhD without experience. • APICS certification and Supervisor experience are also preferred. • Thorough knowledge of MRP, lead times for specific component types, internal run rates, test development lead times, machine programming lead times and complete understanding of the chronological sequence of events that must occur to build a product. • Or an equivalent combination of education, training, or experience.	• 5-day work week • 8am - 5.45pm • 16 Tampines Industrial Cres
Key Responsibilities	<u>JOB SUMMARY</u> • Manage all planning activities for the dedicated assigned workcell and mentor the Production Planners and Document Coordinators in the workcell. <u>ESSENTIAL DUTIES AND RESPONSIBILITIES:</u> • Ensure 100% on-time delivery. • Establish build readiness. • Maintain efficiency of capacity and customer sizing. • Maintain accurate revenue forecasting. • Maintain material control and liability. • Develop Master Production Schedule (MPS) and load into Jabil's ERP system, including Purchase Order (PO) coverage. • Reconcile the MPS to customer PO coverage weekly to ensure that Jabil is not exposed over and above customer PO coverage or other authorized customer demand. • Ensure the MPS is always 100% accurate and achievable. • Achieve and maintain 95% MPS goal. • Own production planning, BOM and document control with or without additional support. • Analyze material and capacity requirements and communicate constraints to the Workcell and customer based on accurate customer demand. • Maintain the workcell's capacity planning model; drive resolution on uneven capacity utilization that keeps Jabil focused on the customer but efficiently utilizing manufacturing resources. • Meet daily with the Workcell and manufacturing team to assess production schedules, (adjust as necessary based on production results) optimize run quantities, and minimize changeovers to help achieve 100% on time delivery. • Maintain the customers' latest contract on file at all times and be familiar with the terms and conditions of the contract regarding customer liability of material planning and production scheduling. • This includes the liability window for Jabil material purchase order placement, purchase price for components, and liability for any in-house materials (purchased and manufactured).	

Job Position	Master Planner	Working hours / Location (s)
	• Be the workcell's "expert" on all planning activities by supporting the Production Planner goal of never starting to build product without having a valid PO, adequate material quantities, and accurate BOM and an accurate routing. • Lead the Workcell on the creation of Bills of Material (BOMs) and routings that allows accurate tracking of WIP assemblies and accurate inventory movement transactions. • End-of Life (EOL) management should include chairing a meeting 30 days prior to the last planned build date to create tactics to support the EOL strategy. • The Master Planner would own the build schedule, corrections and resolution of MPS to customer demand, planned tactics on deadlines for assemblies out of the various work areas on the floor, deadline for last shipment, and support plan for potential RMAs. • Manage Jabil purge process for internal Workcell purges. • Adhere to all safety and health rules and regulations associated with this position and as directed by supervisor. • Comply and follow all procedures within the company security policy.	
Job Position	Planner	Working hours / Location (s)
Pre – Requisites	• Bachelor's degree + 2 years of experience, or Masters without experience. • Or an equivalent combination of education, training, or experience. • Thorough knowledge of ERP/MRP • 1 to 2 years Materials related experiences • Strong proficiency in determining logistics requirements to enable company's business goals and objectives with ability to devise and implement strategy to achieve targets.	• 5-day work week • 8am - 5.45pm • 16 Tampines Industrial Cres
Key Responsibilities	<u>JOB SUMMARY</u> • Responsible to serve as the customer interface for the demand plan and shipment information, develop feasible operational plan and maintain ownership over the execution of the operational plan, achieve the objective of customer satisfaction, minimize Jabil liability and continuously improve the performance of the planning metrics. <u>ESSENTIAL DUTIES AND RESPONSIBILITIES:</u> • Work with BU and Customer to Develop a collaborative demand plan through properly executing the Demand Management Process • Create a Master Schedule through resource analysis including material sizing and capacity sizing • Load Master Schedule into the Jabil ERP system. • Create and maintain a feasible production plan and closely work with operation team to achieve successful execution of the plan. • Develop revenue forecast and closely monitor the actual performance and drive for immediate corrective action and recovery plan in case there is potential miss to the revenue target. • Monitor planning metrics and drive for continuous improvement • Comply and follow all procedures within the company security policy and the rules of the road • May perform other duties and responsibilities as assigned	

Job Position	Quality Engineer (Medical)	Working hours / Location (s)
Pre – Requisites	• Bachelor's Degree in Engineering, Biomedical Engineering, Manufacturing Engineering, Quality Engineering, Life Sciences, or related discipline. • 3–8 years of experience in quality engineering within the medical device/pharmaceutical/healthcare industry. <u>Strong working knowledge of:</u> • ISO 13485 • FDA 21 CFR Part 820 • ISO 14971 (Risk Management) <u>GMP requirements:</u> • Experience with CAPA, audits, validation, and document control systems. • Familiarity with statistical tools and quality methodologies (SPC, Six Sigma, Root Cause Analysis). • Excellent problem-solving, analytical, and communication skills. • Experience in HLA (and High-Level Assembly Manufacturing) SMT (PCBA manufacturing)	• 5-day work week • 8am - 5.45pm • 16 Tampines Industrial Cres
Key Responsibilities	<u>Job Summary:</u> • We are seeking a detail-oriented Quality Engineer with experience in the medical device or healthcare products industry to ensure compliance with regulatory standards and drive continuous improvement in product quality and manufacturing processes. • The ideal candidate will have strong knowledge of quality systems, risk management, and regulatory requirements such as ISO 13485, FDA QSR (21 CFR Part 820), and GMP. <u>Key Responsibilities:</u> • Support and maintain the Quality Management System (QMS) in compliance with ISO9001 & ISO 13485 and regulatory requirements. <u>Candidates should demonstrate hands-on experience with:</u> • ISO 13485 Quality Management Systems • FDA QSR (21 CFR Part 820) • ISO 14971 Risk Management • Good Manufacturing Practices (GMP) • Medical Device Design Controls • Validation Requirements (IQ/OQ/PQ) • Lead and support CAPA (Corrective and Preventive Actions) investigations, root cause analysis, and effectiveness checks. • Perform Internal Audits, Supplier Audits, and support external regulatory audits (FDA, notified bodies). • Review and approve design documentation, including DHF (Design History File), DMR (Device Master Record), and DHR (Device History Record). • Participate in risk management activities (ISO 14971), including hazard analysis, FMEA, and risk control implementation.	

Job Position	Quality Engineer (Medical)	Working hours / Location (s)
	• Collaborate with cross-functional teams (R&D, Manufacturing, Regulatory Affairs) for new product development and process validation. • Ensure compliance with Good Manufacturing Practices (GMP) and quality standards. • Handle non-conformance reports (NCR) and lead investigations for product or process deviations. • Support validation activities (IQ/OQ/PQ, software validation, process validation). • Drive supplier quality management, including qualification, monitoring, and performance evaluation. • Analyze quality data and implement continuous improvement initiatives (Lean, Six Sigma).	
Job Position	Senior Manufacturing/Process Engineer (Medical)	Working hours / Location (s)
Pre – Requisites	• Bachelor Degree in Engineering; advanced degree is preferred but not mandatory. • 5 to 8+ years of manufacturing, process or industrial engineering experience. • 3+ years of medical device or IVD manufacturing experience preferred. • Demonstrated ownership of NPI, validation, technology transfer and customer-facing technical activities.	• 5-day work week • 8am - 5.45pm • 16 Tampines Industrial Cres
Key Responsibilities	<u>Position Summary:</u> • Owns assigned manufacturing processes, drives yield improvement, supports NPI and manufacturing transfer, and leads validation activities for medical device and IVD products. <u>Key Responsibilities:</u> <u>Advanced Manufacturing Engineering:</u> • Develop, optimize and sustain manufacturing processes for assigned product lines. • Support DFM reviews, assembly optimization, equipment qualification and workstation design. • Perform process capability studies and define improvement actions. • Lean and Continuous Improvement • Lead value stream mapping, DMAIC, Kaizen, waste elimination and OEE improvement activities. • Drive cost reduction projects through process simplification, layout improvement and equipment utilization. • Use data-driven methods to improve line efficiency, yield and production stability. <u>Validation Expertise:</u> • Own IQ/OQ/PQ activities for assigned equipment, processes or production areas.	

Job Position	Senior Manufacturing/Process Engineer (Medical)	Working hours / Location (s)
	• Perform Gauge R&R, process capability analysis, risk assessment and FMEA updates. • Prepare validation reports, process release evidence and manufacturing readiness documentation. <u>Medical Device Compliance:</u> • Apply ISO 13485 and FDA 21 CFR Part 820 requirements in daily engineering work. • Support change control, CAPA, deviation management, traceability and DHR requirements. • Participate in internal audits, customer audits and regulatory readiness activities. <u>IVD-Specific Knowledge:</u> • Support processes involving fluidics assemblies, optics modules, motion control systems, reagent handling and environmental control requirements. • Troubleshoot process-related failures on IVD analyzers or medical device equipment.	

Job Position	Senior Manufacturing/Process Engineer (SMT PCBA)	Working hours / Location (s)
Pre – Requisites	• Bachelor's Degree in Electronics, Electrical, Manufacturing, Mechanical, Industrial Engineering, or a related engineering discipline. • 8+ years of SMT/PCBA manufacturing engineering experience. • Minimum 5 years supporting high-volume SMT production. • Experience with NPI, process validation, and yield improvement. <u>Preferred Experience:</u> • 10+ years in electronics manufacturing services (EMS). • Experience in a major EMS or equivalent high-mix electronics manufacturing environment. • Lean Six Sigma Green Belt or Black Belt certification. • Experience leading manufacturing transfer projects and multi-site deployments. <u>TECHNICAL REQUIREMENTS:</u> • SMT & PCBA Expertise <u>Strong technical knowledge of:</u> • SMT process development • Stencil design and solder paste technology • Pick-and-place programming • Reflow profiling and optimization • AOI and SPI systems • X-Ray inspection techniques • Wave soldering • Selective soldering • PCB defect analysis	• 5-day work week • 8am - 5.45pm • 16 Tampines Industrial Cres

Job Position	Senior Manufacturing/Process Engineer (SMT PCBA)	Working hours / Location (s)
	• Conformal coating processes • PCBA assembly technologies • Engineering Tools <u>Proficiency in:</u> • SPC and Minitab • DMAIC and Lean Six Sigma • PFMEA, Process Flow Diagrams, and Control Plans • 8D Methodology, Fishbone Analysis, and 5 Why Analysis • Time Study and Capacity Analysis • AutoCAD (preferred) • MES and manufacturing systems • Quality & Compliance <u>Strong understanding of:</u> • IPC-A-610 • IPC J-STD-001 • IPC-7711/7721 • ISO 9001 • ISO 13485 (preferred) • FDA 21 CFR Part 820 (preferred) • ESD control programs • Change control systems • CAPA processes	
Key Responsibilities	• The Senior SMT PCBA Manufacturing / Process Engineer is responsible for developing, optimizing, and sustaining Surface Mount Technology (SMT) and Printed Circuit Board Assembly (PCBA) manufacturing processes to achieve world-class performance in quality, cost, delivery, and productivity. • The role provides technical leadership for NPI, process validation, yield improvement, equipment qualification, automation initiatives, and continuous improvement projects while supporting high-volume production and customer requirements <u>KEY RESPONSIBILITIES:</u> <u>1. Process Engineering & Manufacturing Support:</u> • Own SMT and PCBA manufacturing processes from stencil printing through reflow, AOI, SPI, selective soldering, wave soldering, depanelization, coating, and final assembly. • Develop and maintain process flows, control plans, PFMEA, work instructions, and process specifications. • Lead process troubleshooting and root cause investigations for manufacturing issues. • Drive yield, throughput, and cycle-time improvement initiatives. • Establish process controls to ensure stable and repeatable production performance. • Monitor process capability (Cp/Cpk) and implement corrective actions when required.	

Job Position	Senior Manufacturing/Process Engineer (SMT PCBA)	Working hours / Location (s)
	<u>2. New Product Introduction (NPI):</u> • Lead DFM and DFA reviews during product development. • Support manufacturing readiness activities for new product introduction. • Define manufacturing process requirements, tooling, fixtures, and equipment. • Lead pilot builds, engineering builds, and production ramp-up activities. • Develop manufacturing documentation and train production personnel. • Manage product transfer activities between sites or customers. <u>3. SMT Process Optimization:</u> • Optimize the following process areas: • Solder paste printing • Placement processes • Reflow profiles • AOI inspection programs • SPI inspection strategies • Selective soldering parameters • Wave soldering parameters • Establish process windows and operating limits. • Improve first-pass yield and reduce defect opportunities. • Analyze defect trends and implement sustainable corrective actions. <u>4. Equipment & Automation:</u> • Lead equipment selection, qualification, installation, and commissioning. • Support SMT printers, pick-and-place machines, reflow ovens, SPI systems, AOI systems, X-Ray systems, and selective soldering equipment. • Develop and implement automation solutions to improve productivity. • Support Industry 4.0 manufacturing initiatives and digitalization programs. <u>5. Quality & Validation:</u> • Lead IQ, OQ, PQ, Process Validation, and Test Method Validation activities. • Perform Gauge R&R, MSA, SPC, and process capability studies. • Review and update PFMEA, Control Plans, and Risk Assessments. • Support customer, ISO, and regulatory audits. • Ensure compliance with IPC standards and customer requirements. <u>6. Continuous Improvement:</u> Lead Lean Manufacturing initiatives. • Facilitate DMAIC projects, Kaizen events, Value Stream Mapping, and OEE improvement projects. • Drive cost reduction through yield improvement, labor optimization, material savings, automation, and cycle-time reduction. • Establish KPI dashboards and performance monitoring systems.	

Job Position	Senior Manufacturing/Process Engineer (SMT PCBA)	Working hours / Location (s)
	<u>7. Technical Leadership:</u> • Mentor Process Engineers and Manufacturing Engineers. • Provide technical coaching to technicians and production teams. • Lead cross-functional problem-solving activities. • Interface directly with customers regarding technical challenges and improvement initiatives. • Lead engineering reviews and manufacturing readiness assessments.	

Job Position	Senior Test Engineer (Medical)	Working hours / Location (s)
Pre – Requisites	• Bachelor Degree in Engineering; advanced degree is preferred but not mandatory. • 5 to 8+ years of test engineering experience. • 3+ years of medical device or IVD manufacturing experience preferred. • Demonstrated ownership of NPI, validation, technology transfer and customer-facing technical activities. Technical Requirements: • Expert knowledge of test architecture, system-level diagnostics, failure analysis, design for testability, automated test platforms, and production data analytics. • Advanced skills in LabVIEW, NI TestStand, Python, C#, database integration, MES integration, and automated reporting preferred. • Strong knowledge of ISO 13485, FDA 21 CFR Part 820, IQ/OQ/PQ, process validation, risk management, ISO 14971, CAPA, and design/process change control.	• 5-day work week • 8am - 5.45pm • 16 Tampines Industrial Cres
Key Responsibilities	Position Summary: • Acts as the technical leader for test engineering activities related to medical devices and IVD systems. Leads NPI, test technology development, validation strategy, customer engagement, audit readiness, and continuous improvement initiatives. Key Responsibilities <u>Technical Leadership:</u> • Lead, coach, and guide Test Engineer I and II resources. • Establish test engineering standards, best practices, and training plans. • Review technical solutions, validation plans, and test readiness deliverables. • Drive cross-functional problem solving with Manufacturing, Quality, Process, IT, and Customer teams. <u>Test Architecture Ownership:</u> • Define overall test strategy for assigned medical or IVD programs. • Approve test station design, measurement approach, validation strategy, and automation architecture. • Evaluate and implement new test technologies for quality, efficiency, and compliance improvement.	

Job Position	Senior Test Engineer (Medical)	Working hours / Location (s)
	<u>IVD Subject Matter Expertise:</u> • Serve as SME for IVD analyzer testing such as hematology, urinalysis, immunoassay, molecular diagnostics, optical detection, fluidics, motion control, and robotic subsystems. • Lead complex failure analysis on integrated instrument systems. • Assess technical gaps during customer transfer and manufacturing readiness reviews. <u>Regulatory and Audit Leadership:</u> • Lead FDA, ISO 13485, MDSAP, and customer audit support related to test engineering. • Approve validation deliverables and ensure inspection readiness. • Review risk assessments, change controls, CAPA actions, and validation impact assessments. <u>Customer Interface:</u> • Act as technical escalation points for assigned customer programs. • Lead customer technical reviews and present validation or test performance results. • Support RFQ responses, transfer planning, and manufacturing readiness strategy.	

Job Position	Supplier Quality Engineer (Medical)	Working hours / Location (s)
Pre – Requisites	• Bachelor's Degree in Engineering, Biomedical Engineering, Manufacturing Engineering, Quality Engineering, Life Sciences, or related discipline. • 3-8 years of experience in Supplier Quality Engineering, Quality Engineering, or Supplier Development within Medical Devices, Healthcare Products, Electronics Manufacturing, or Pharmaceutical industries. <u>Strong knowledge of:</u> • ISO 13485 • FDA 21 CFR Part 820 • ISO 14971 • GMP <u>Supplier Quality Management Systems:</u> • Experience conducting supplier audits and managing supplier corrective actions. • Strong root cause investigation and problem-solving skills. • Experience with incoming quality control, supplier qualification, and supplier performance monitoring. <u>Knowledge of quality tools and methodologies:</u> • SPC • CAPA • 8D • 5 Why Analysis • Fishbone Analysis • FMEA	• 5-day work week • 8am - 5.45pm • 16 Tampines Industrial Cres

Job Position	Supplier Quality Engineer (Medical)	Working hours / Location (s)
	• Six Sigma • Knowledge of supplier validation and process qualification requirements. • Experience with electronic QMS systems (eQMS). <u>Experience in:</u> • Supplier Development • Contract Manufacturing Organizations (CMO) • SMT (PCBA Manufacturing) • High Level Assembly (HLA) Manufacturing • Mechanical Components and Electromechanical Assemblies	
Key Responsibilities	<u>Job Summary:</u> • We are seeking a detail-oriented Supplier Quality Engineer (SQE) with experience in the medical device, healthcare products, or pharmaceutical industry to ensure the quality, compliance, and performance of suppliers throughout the supply chain. • The ideal candidate will be responsible for supplier qualification, supplier audits, quality improvement initiatives, incoming quality management, and ensuring compliance with regulatory and quality requirements including ISO 13485, FDA 21 CFR Part 820, ISO 14971, and GMP. <u>Key Responsibilities:</u> <u>Supplier Quality Management:</u> • Lead supplier qualification, approval, and onboarding activities to ensure compliance with company and regulatory requirements. • Conduct supplier risk assessments and establish supplier quality agreements. • Monitor supplier performance through key quality metrics, including PPM, SCAR closure, on-time delivery, audit performance, and non-conformance trends. • Develop and maintain approved supplier lists (ASL). <u>Supplier Audits & Compliance:</u> • Plan, perform, and lead supplier audits to assess compliance with ISO 13485, GMP, FDA QSR, and company quality requirements. • Support regulatory inspections and external audits involving supplier-related processes. • Track audit findings and ensure timely closure of corrective actions. <u>Supplier Corrective Actions:</u> • Lead Supplier Corrective Action Requests (SCAR) investigations and resolution activities. • Conduct root cause analysis using quality tools such as 5 Whys, Fishbone Diagram, and Fault Tree Analysis. • Verify effectiveness of implemented corrective and preventive actions.	

Job Position	Supplier Quality Engineer (Medical)	Working hours / Location (s)
	<u>Incoming Quality & Non-Conformance Management:</u> • Manage supplier-related non-conformances and material quality issues. • Review and disposition incoming inspection failures and supplier complaints. • Implement containment actions and coordinate supplier investigations. • Drive reduction of supplier defects and improve incoming quality performance. <u>New Product Introduction (NPI) Support:</u> • Partner with R&D, Manufacturing, Purchasing, and Regulatory Affairs teams to support supplier selection for new products. • Review supplier process validation documentation and manufacturing capabilities. • Ensure supplier readiness for new product launches and engineering changes. <u>Risk Management:</u> • Participate in supplier risk management activities in accordance with ISO 14971. • Support PFMEA, DFMEA, process risk assessments, and supplier risk mitigation plans. • Evaluate critical component suppliers and establish appropriate monitoring controls. <u>Validation & Change Control:</u> • Review supplier validation documentation, including IQ/OQ/PQ and process validation reports. • Assess supplier change notifications and ensure compliance with change control requirements. • Support qualification and requalification of supplier manufacturing processes. <u>Continuous Improvement:</u> • Drive supplier quality improvement initiatives using Lean Manufacturing and Six Sigma methodologies. • Analyze supplier quality trends and develop improvement plans. • Collaborate with suppliers to reduce defects, improve process capability, and enhance product quality. <u>Documentation & Compliance:</u> • Maintain supplier quality records in accordance with QMS requirements. • Ensure supplier documentation complies with ISO 13485, FDA requirements, GMP, and internal procedures. • Support document control activities related to supplier quality and compliance. <u>QMS – Additional responsibility:</u> • Support and maintain the Quality Management System (QMS) in compliance with ISO 13485 and regulatory requirements.	

Job Position	Supplier Quality Engineer (Medical)	Working hours / Location (s)
	• Lead and support CAPA (Corrective and Preventive Actions) investigations, root cause analysis, and effectiveness checks • Perform Internal Audits, Supplier Audits, and support external regulatory audits (FDA, notified bodies). • Review and approve design documentation, including DHF (Design History File), DMR (Device Master Record), and DHR (Device History Record). • Participate in risk management activities (ISO 14971), including hazard analysis, FMEA, and risk control implementation. • Collaborate with cross-functional teams (R&D, Manufacturing, Regulatory Affairs) for new product development and process validation. • Ensure compliance with Good Manufacturing Practices (GMP) and quality standards. • Handle non-conformance reports (NCR) and lead investigations for product or process deviations. • Support validation activities (IQ/OQ/PQ, software validation, process validation). • Drive supplier quality management, including qualification, monitoring, and performance evaluation. • Analyze quality data and implement continuous improvement initiatives (Lean, Six Sigma).	

4. LKH Precicon

LKH Precicon Pte Ltd is a Singapore-based industrial solutions provider specialising in the distribution and supply of automation, instrumentation, electrical, and industrial products. The company partners with leading global manufacturers to provide high-quality products, technical expertise, and application support to customers across diverse industries. LKH Precicon serves sectors including electronics, biomedical and healthcare, manufacturing, building and infrastructure, and other industrial markets. Through strong supplier partnerships, engineering capabilities, and customer-focused solutions, the company aims to deliver reliable, innovative, and sustainable solutions that improve operational efficiency, productivity, and long-term business performance.

Job Position	Application Engineer	Working hours / Location (s)
Pre – Requisites	• Diploma in Electrical, Electronics, Mechatronics, Automation Engineering, or a related discipline. • 2+ years of relevant experience preferred; fresh graduates are welcome to apply. • Knowledge of industrial automation, PLCs, system integration, and troubleshooting. • Familiarity with industrial communication systems and IEC 61131 programming is an advantage. • Strong analytical, communication, and problem-solving skills. • Self-motivated, proactive, customer-focused, and a strong team player.	• 5-day work week • 8am - 5:30pm • 63 Hillview Avenue
Key Responsibilities	• Technical Solutions: Design and recommend engineering solutions based on specific customer requirements. • Support & Troubleshooting: Provide technical consultation, application support, and testing or root-cause analysis. • Sales & Demos: Deliver product demonstrations, technical presentations, and support the sales team with customer engagement. • Training: Conduct product and system training for internal teams and clients.	

Job Position	Application Sales Engineer	Working hours / Location (s)
Pre – Requisites	• Diploma in Electrical, Electronics, Mechatronics, Automation Engineering, or a related discipline. • 2+ years of technical sales or engineering experience preferred; fresh graduates are welcome to apply. • Strong communication, presentation, and relationship-building skills. • Sales-driven with good business acumen and problem-solving abilities. • Interest or knowledge in Industrial Automation, Sustainability, Industry 4.0, or Cybersecurity. • Familiarity with CRM systems is an advantage.	• 5-day work week • 8am - 5:30pm • 63 Hillview Avenue
Key Responsibilities	• Develop new business opportunities and manage key customer accounts. • Build strong relationships with customers, contractors, and industry partners. • Provide technical consultation and recommend suitable automation and sustainability solutions. • Prepare quotations, negotiate contracts, and manage projects through order closure.	

Job Position	Application Sales Engineer	Working hours / Location (s)
	• Monitor sales pipelines, forecasts, and market trends to achieve sales targets. • Collaborate with internal teams to deliver value-added solutions and excellent customer experience.	
Job Position	Customer Service Executive	Working hours / Location (s)
Pre – Requisites	• Diploma in Engineering or a related discipline. • 2+ years of customer service, sales support, or order processing experience preferred. • Fresh graduates are welcome to apply. • Strong communication, interpersonal, and problem-solving skills. • Self-motivated, customer-oriented, and able to work independently. • Familiarity with ERP/CRM systems is an advantage. • Comfortable learning and adapting to emerging technologies such as AI. • Engineering or technical product knowledge will be an added advantage.	• 5-day work week • 8am - 5:30pm • 63 Hillview Avenue
Key Responsibilities	• Manage customer enquiries, quotations, orders, and deliveries. • Prepare and follow up on quotations to secure sales opportunities. • Build strong relationships with customers and understand their business needs. • Coordinate with suppliers and internal teams to ensure smooth order fulfilment. • Handle customer feedback and resolve issues promptly. • Identify opportunities to grow existing customer accounts through cross-selling and upselling. • Maintain accurate customer records in our CRM system.	

5. SCHOTT Singapore

From our unique company structure and pioneering spirit to our culture of innovation and sustainability strategy, the people at SCHOTT are constantly pushing the boundaries of glass and material development to achieve groundbreaking scientific and technological progress. Together we strive to make a difference for businesses, industries and people.

Job Position	Assistant Engineer	Working hours / Location (s)
Pre – Requisites	• Background or classification in Mechanical Engineering or related engineering discipline. • General engineering skills, problem-solving abilities, and teamwork. • Ability to work in a manufacturing environment and follow safety protocols.	• 40-hpurs per week • 209 Woodlands Avenue 9
Key Responsibilities	<u>Production/ Operations:</u> • Arrange for trained and certified operators to be put on the job. • Ensure correct quantities and correct materials are received and update into ERP System based on work order. • Ensure production processes are carried out under controlled conditions. • Set up machines/ equipment in accordance to the required parameters and respective procedures. • Ensure the operators work accordingly to the respective work instructions. • Solve day-to-day personal or technical problems of operators. • Issue Delivery Order for parts sending out to sub-contractors. • Verify and approval for the operators' output record. • Maintain the tidiness/ cleanliness/ safety of the work area. • Decide and make judgment or decision on matters of Quality concern. • Stop production due to serious problems if necessary. • Report any Quality/ Production problems to the respective Section Manager/ Section Head. • Analyses and investigate of the defective products or production problems arise during shift. • Maintain the machines and the equipment in good working conditions. • Carry out maintenance job on machines and equipment in accordance to the respective maintenance schedule. • Guide and train new operators according to respective work instructions. • Arrange meeting with operators when necessary. • Inspect the semi-finished and finished product in accordance to the respective inspection plan and specification. • Ensure only accepted finished part and correct quantity and pack into specification container I packaging in accordance to the respective work instruction before sending to store. • Update inspection data and other specification documentation • Assist/ support Engineering Run for R&D department. • Ensure that production is run according to the shipment schedule with correct quantity. • Plan production schedule and arrange manpower for the shift. • Plan operator's overtime. • Perform monthly & annual stocking. • Ensure that operators follow company rule & regulation and carry out disciplinary action when necessary.	

Job Position	Assistant Engineer	Working hours / Location (s)
	• Feedback to the concerned Section Head any problem discovered on production floor. • Arrange meeting with operators when necessary. • Quality Management System: • Ensure that work is performed in accordance to ISO 9001 and IATF 16949 Quality Management System • Co-ordinate for Quality System auditing and to ensure resolution of the problems that are identified by the auditors. • Provide support in customer complaint management • EHS Management System: • Ensure that work is performed in accordance to ISO14001 (Environmental) and ISO45001 (Occupational health and safety) Management System including EHS policy, procedures and guidelines • Responsible and accountable for work that involves to environmental, safety and health matters • Assist to identify and assess any work risks, recommends risk eliminations, control risk through risk mitigation and safe work procedures • Investigate accident, incidents or occupational disease, determine its root cause, review corrective actions • Inform and educate people at work on EHS awareness, accident prevention and training	

Job Position	Business Process Engineer	Working hours / Location (s)
Pre – Requisites	• Bachelor's Degree in Manufacturing Engineering, Industrial Engineering, Quality Engineering or a related discipline. • 5+ years of experience in manufacturing, quality, process engineering or operational excellence. • Strong understanding of manufacturing and quality processes based on SAP. • Strong project management and stakeholder management skills. • Experience with Quality Management System ISO9001 / IATF16949. • SAP master data management and governance. • Experience with ERP, MES or workflow implementation projects. • Experience with NPI, APQP, PPAP and Manufacturing Process Change Management is preferred. • Lean Six Sigma Green Belt/Black Belt or Business Process Management experience is preferred. • Business Process Analysis and Process Mapping: • SAP Signavio, Visio or similar tools • SAP QM, digital quality management system, MES • Enterprise Workflow Platforms (e.g. JobRouter, Power Automate) • Power BI and Manufacturing Data Platforms	• 40-hpurs per week • 209 Woodlands Avenue 9
Key Responsibilities	• Analyze, design, optimize and standardize manufacturing quality business processes across global manufacturing sites. • Drive process governance, harmonization and continuous improvement. • Support New Product Introduction (NPI), Manufacturing Process Change Management and Manufacturing Quality processes (e.g.	

Job Position	Business Process Engineer	Working hours / Location (s)
	non-conformance and CAPA, inspection and control planning, rework and concession handling). • Establish and maintain Quality Master Data governance and business process standards. • Gather business requirements and translate them into functional specifications for digital solutions. • Drive the setup, enhancement of SAP QM, Digital Shopfloor Quality Management, MES (quality related process). and related manufacturing systems. • Design, configure and maintain workflow solutions (e.g. JobRouter, Power Automate) to support business process automation. • Develop and maintain business process documentation, including process maps, business requirements and work instructions. • Facilitate cross-functional workshops and collaborate with stakeholders across Manufacturing, Quality, Engineering, Supply Chain, IT and OT. • Define and monitor process KPIs to support operational excellence and continuous improvement. • Plan & Establish & Execution & Manage the projects in collaboration with steering committees and project teams. • Work as Quality Business Partner to support Engineering-to-Release, Inbound-to-Outbound, Schedule-to-Produce and other processes.	

Job Position	Planner	Working hours / Location (s)
Pre – Requisites	• O Level/Professional Certificate/NITEC • Minimum 2/3 years of working experience in warehouse • Knowledge in SAP system • Ability to adjust work hours occasionally to accommodate urgent tasks or deadline • Bilingual in English and Mandarin to liaise with Chinese speaking colleagues.	• 40-hours per week • 209 Woodlands Avenue 9
Key Responsibilities	• Coordinate closely with Customer Service, Production, R&D, Warehouse and plating subcontractors and integrate sustainability and resource-efficiency considerations into day-to-day manufacturing planning and operations. • Develop and optimise production schedules by balancing customer requirements, machine capacity, manpower, material availability and resource-efficiency objectives, with the aim of improving manufacturing productivity while reducing unnecessary resource consumption. • Analyse machine utilisation, downtime, idle time, production throughput and capacity to identify opportunities to improve operational efficiency and reduce energy and resource consumption within manufacturing processes. • Monitor production and work-order data to identify process bottlenecks, delays, rework and other operational inefficiencies that may result in unnecessary material, energy or machine usage, and support improvement actions. • Analyse raw-material consumption, production requirements, scrap and material losses to improve material utilisation and minimise manufacturing waste.	

Job Position	Planner	Working hours / Location (s)
	• Work with Purchasing, Production and Warehouse to optimise material planning and safety-stock levels - considering material efficiency, inventory requirements and the avoidance of excess or obsolete materials. • Evaluate production planning and scheduling approaches to identify opportunities to reduce unnecessary machine running time, changeovers, waiting time and other resource-intensive activities within manufacturing operations. • Prepare weekly manufacturing performance reports incorporating sustainability and resource-efficiency indicators, such as material utilisation, waste, machine utilisation, production efficiency and other relevant operational metrics. • Develop and maintain manufacturing sustainability performance indicators and analyse production and machine data to track resource efficiency and identify areas for improvement. • Analyse completed work orders and production records to identify opportunities to reduce scrap, rework, material consumption, machine idle time and other sources of manufacturing losses. • Collaborate with Production, Engineering, R&D and other relevant functions to identify, evaluate and implement sustainable manufacturing improvements, and monitor the operational impact of these initiatives. • Incorporate findings from manufacturing and sustainability performance analysis into future production planning, scheduling and resource allocation decisions to support continuous improvement of sustainable manufacturing operations. • Assess production processes and operational practices to identify opportunities to reduce energy consumption, material usage, production waste and other environmental impacts while maintaining required production quality and delivery performance. • Support the development and implementation of sustainability targets and improvement initiatives for manufacturing operations, tracking progress against defined resource-efficiency and operational performance indicators and recommending further improvements where required.	

Job Position	Production Admin Support	Working hours / Location (s)
Pre – Requisites	• Minimum GCE O-Level qualification. • Prior experience in a manufacturing environment (Plating/Chemical industry preferred) • Proficiency in Time & Attendance software and MS Office (Excel is essential for tracking permits and inventory)	• 40-hours per week • 209 Woodlands Avenue 9
Key Responsibilities	<u>HR Operations (Plating Department Liaison):</u> • Attendance & Payroll: Monitor the attendance clocking system daily. • Resolve any discrepancies in hours worked and coordinate with the HR Department to rectify payment errors for Plating employees. • Leave Management: Track all leave types (Annual, Medical, Unpaid) for the department. <u>Employee Recruit:</u> • Prepare all documentation for new recruits.	

Job Position	Production Admin Support	Working hours / Location (s)
	• Manage the resignation process and exit clearances. • Liaise with HR for Work Permit renewals to ensure legal compliance for foreign labor. • Uniform & PPE: Oversee the inventory and distribution of company shirts and specialized safety wear (aprons, gloves, boots). <u>EHS & Chemical Warehouse Management:</u> • Chemical Safety: Arrange and manage the Chemical Warehouse, ensuring all hazardous substances are stored according to Safety Data Sheets (SDS) and local regulations. • Purchase the chemicals and production related items based on requirement of individual production line. • Maintain the record of chemicals IN and OUT. • SPO and Purchase Request/Purchase Order Ordering: Input the data for raising Purchase Request, Entry Sheet and other purchasing items. • Chemical contaminated waste: Arrange to send empty carboys, drums, chemical waste and general waste. • Submit E-tracking form to NEA. • EHS Compliance: Conduct regular safety inspections within the Plating area. Identify hazards and ensure all safety equipment (eyewash stations, spill kits) is functional. <u>Utility & Consumption Monitoring:</u> • Conduct physical inspections of meters to record daily Electrical and Water consumption readings for the Plating Department. • Maintain a detailed log of consumption per individual production line. • Compile daily readings into a monthly summary report. • Identify trends, spikes, or leaks (abnormal consumption) and report them to the Plating Manager. <u>6S & Internal Auditing:</u> • 6S Coordination: Lead and initiative on the shop floor. • Conduct weekly audits together with Safety officer, rectify the audit finding items and maintain the 6S visual board. • Arrange Professional Housekeeping in Plating Production areas for Special visitors, Customer visit/Audit and external auditors' visit. • Internal/External Audit: Perform regular internal audits of departmental processes to ensure readiness for ISO45001 and IATF16949 or corporate EHS inspections (preparation for FORM, WI, PMP, RA and related documents). • Act as an internal auditor for cross department. <u>Indirect Material Procurement:</u> • MRO Purchasing: Manage the purchase of indirect materials (cleaning agents, tools, office supplies, Pantry items, Office stationery items, Drinking water and PPE). • Vendor Coordination: Liaise with suppliers to ensure timely delivery and manage the budget for non-production consumables. • Permit and License: Regulatory Submission Support/MOM surprise check. • Gathering technical data: (consumption reports, chemical inventory, ERP, Photos) for submission to government bodies (e.g., National Environment Agency, Ministry of Manpower for License new /renewal and others).	

Job Position	Production Admin Support	Working hours / Location (s)
	• Audit Readiness: Organize and archive all Factory/Department records so they can be presented immediately during unannounced government inspections. <u>Performance Indicators (KPIs):</u> • Audit Readiness: Maintaining a 6S score of 90% or higher. • Payroll Accuracy: Reduction in employee payment discrepancy claims through proactive attendance monitoring. • Safety Compliance: Zero major non-conformances during Internal/External Auditing. • Performs other duties as assigned	

Job Position	Project Engineer	Working hours / Location (s)
Pre – Requisites	• Education: A Bachelor's degree in an Engineering discipline (or related technical/natural science fields). • Project Experience: Practical background in executing, monitoring, and controlling technical projects, tracking milestones, time, and budget constraints.	• 40-hpurs per week • 209 Woodlands Avenue 9
Key Responsibilities	• Strategy: Drive successful internal and global projects by setting aligned goals, planning with standardized processes, coordinating cross-functional execution, monitoring progress closely, and applying lessons learned to continuously improve future outcomes. • Idea Generation: Suggests recommendations for future projects. <u>Project Planning:</u> • Plans in consultation with management committee and customers mid-term international or interdisciplinary projects, which include various disciplines and involvement of further departments such as Engineering and operational functions internally or globally. • Defines sub projects and work packages. • Defines project team and sub project team out of employees of sites, BUs and adjacent disciplines and if necessary employees of external institutes/ universities. • Prepares the detail planning with regard to project schedule, defines project phases and milestones. • Plans and monitors project budget. <u>Project implementation:</u> • Leads projects, delegates and coordinates tasks and leads sub project and work package leaders/employees in charge methodically and, from case to case also with regard to the content. • Executes, monitors and trails project relevant activities. • Monitors time and result oriented progress. • Represents projects to management committee. • Decides on necessity of external resources and deploys them. • Ensures contract-relating as well as economic and patent-protected issues of technologies/developments during the projects. • Ensures compliance of project goals regarding time, costs and quality on basis of QM specifications. • Leads projects in accordance with SCHOTT guidelines and ensures an appropriate and timely goal achievement of milestone results as planned.	

Job Position	Project Engineer	Working hours / Location (s)
	<u>Project Control:</u> • Documents project progress, presents results. • Informs management committee or line manager regarding the project progress.	

Job Position	R&D Engineer	Working hours / Location (s)
Pre – Requisites	• Experience: 3-5 years working in optoelectronics, sensors, or new opto-electronics/wearables development. • Technical Skills: Proficiency in Creo (CAD software), SAP, and MS Office. • Ability to conduct DFM (Design for Manufacturing) and DOE (Design of Experiments) studies.	• 40-hpurs per week • 209 Woodlands Avenue 9
Key Responsibilities	• Budget: Works out project budget, investment planning and product costing, coordinates with the supervisor and monitors project expenses status. <u>Production:</u> • Ensure project are promptly executed and delivered to customer according to customer's requirements and relevant industrial standard. • Good project management skill in prioritize projects in-charged and lead in problem solving when encounter any technical disruption. • Engaged external supplier/vendor for defect improvement. • Act as NPI leader during new product/process handover to operation team. <u>Production and Process Development:</u> • Lead in development of new concept in production/process improvement to enhance process stability, production yield and manpower efficiency. • Engaged suitable external supplier/vendor when necessary for project in-charged. • Systematically documented all optimizes processes parameter, flow chart, quality control plan/test, process work instruction based on the knowledge gained. • Conduct root cause analysis on failure product and plan necessary DOE to identify the failure mode and initiate corrective/preventive action. • May setup proper monitoring test with reference to industrial standard to monitor product quality. • Engaged SDE or external supplier/vendor for improvement plan when necessary. <u>Development:</u> • Participates in new product development and setup product control specification according to SCHOTT standard, relevant industrial standard and customer specific requirement. • Conduct DFM study on new product/process <u>Quality:</u> • Ensures compliance with the defined QS standards and informs the employees concerned about relevant complaints. • Initiates corrective measures and monitors their execution.	

Job Position	R&D Engineer	Working hours / Location (s)
	- Processes customer complaints that project under he/her care. - Occupational safety, environmental protection: - Monitors compliance with legal and company regulations on occupational safety, accident prevention and environmental protection. - Checks the processes with regard to safety and environmental protection issues and initiates the necessary corrections or process improvements. <u>Repair / Maintenance:</u> - Creates the necessary work instructions and maintenance plans that ensure regular maintenance of the systems. - Takes action in the event of malfunctions and product defects. - Leadership: - Leading project and capable to provide clear direction, encouragement and motivation to team members from cross departments to work together and bring success to project being assigned. Ad-hoc task: - As and when, might be en-tasked to act as ISO 9001 / ISO 16949 Internal Auditor, EHS Committee member, others. - Performs other duties as assigned.	

Job Position	R&D Engineer (1 Year)	Working hours / Location (s)
Pre – Requisites	- Hold a degree in Engineering or Physics. - Have 3 to 5 years of relevant working experience.	40-hpurs per week 209 Woodlands Avenue 9
Key Responsibilities	- Drive engineering projects and process development. - Take part in new product development. - Set up product control specifications based on company standards.	

Job Position	Senior/Project Manager	Working hours / Location (s)
Pre – Requisites	- Bachelor's degree in Engineering, Natural Sciences, Business Administration. - At least 5 years of professional experience in an international industrial environment and/or strategy consulting, with focus on Operations, Operational Excellence (OpEx), Engineering, Technology, and/or Corporate Strategy. - Business-level proficiency in English, with strong analytical and conceptual thinking skills. - Advanced project management experience with proficiency in relevant IT tools; IPMA certification is an advantage. - Excellent communication and collaboration skills - Solid understanding of Operational Excellence (OpEx) principles.	40-hpurs per week 209 Woodlands Avenue 9
Key Responsibilities	<u>Strategy:</u> Drive successful internal and global projects by setting aligned goals, planning with standardized processes, coordinating cross-functional execution, monitoring progress closely, and applying lessons learned to continuously improve future outcomes.	

Job Position	Senior/Project Manager	Working hours / Location (s)
	- Idea Generation: Suggests recommendations for future projects within EP operations. <u>Project Planning:</u> - Plans in consultation with management committee and customers mid-term international or interdisciplinary projects, which include various disciplines and involvement of further departments such as Engineering and operational functions internally or globally. - Defines sub projects and work packages. - Defines project team and sub project team out of employees of sites, BUs and adjacent disciplines and if necessary employees of external institutes/ universities. - Prepares the detail planning with regard to project schedule, defines project phases and milestones. - Plans and monitors project budget. <u>Project implementation:</u> - Leads projects, delegates and coordinates tasks and leads sub project and work package leaders/employees in charge methodically and, from case to case also with regard to the content. - Executes, monitors and trails project relevant activities. - Monitors time and result oriented progress. - Represents projects to management committee. - Decides on necessity of external resources and deploys them. - Ensures contract-relating as well as economic- and patent-protected issues of technologies/developments during the projects. - Ensures compliance of project goals regarding time, costs and quality on basis of QM specifications. - Leads projects in accordance with SCHOTT guidelines and ensures an appropriate and timely goal achievement of milestone results as planned. <u>Project Control:</u> - Documents project progress, presents results. - Inform management committee or line manager regarding the project progress.	

Job Position	Tactical Purchaser	Working hours / Location (s)
Pre – Requisites	- Proactive and results-oriented background in purchasing, procurement, or inventory management. - Strong communication skills to act as a single point of contact for suppliers and coordinate with internal stakeholders. - Competency in managing purchase orders, master data administration, and database tracking. - Willingness to undergo continuous training and professional development in procurement.	40-hpurs per week 209 Woodlands Avenue 9
Key Responsibilities	<u>Implement and support strategy:</u> - Implements the prescribed sourcing strategies in terms of prices and contract negotiations with suppliers. - Ensures that purchasing targets/KPI's (Key Performance Indicators) appointed by and agreed with the superior are met.	

Job Position	Tactical Purchaser	Working hours / Location (s)
	• Continuously analyzes and develops for assigned material groups/material cluster the sourcing markets and the requirements/demand of internal clients. • Supports strategic purchasers through knowledge/information according to regional markets circumstances, and new developments. • Closely cooperates with the strategic Purchaser in projects. • Reports and monitors achieved purchasing performances. • Ensure as “Gatekeeper”, so process requirements are maintained, brief internal clients accordingly. • Works on supplier evaluation and development. • Advises and steers purchasers functionally in the material group/region in his/her area of responsibility. • In his/her assigned material groups and organizational unit contact people for purchasing issues within the given authority. • Supports procurement activities associated with SCHOTT Batam new plant from project initiation through operational ramp-up. • Responsibilities include supplier identification and development, RFQ management, purchase order processing, stakeholder communication, and ensuring the timely availability of materials, equipment, and services required for project and production objectives. • Performs other duties as assigned. <u>Purchasing process, contract and order management:</u> • Ensures the punctual and accurate processing of contracts and orders in accordance with the SCHOTT purchasing guideline, including order post-processing and master data administration; review prices, terms of payment and delivery, maintain supplier-related agreements in accessible data bases. • Adjusts daily business activities with suppliers, operates as “single point of contact” for suppliers, e. g. demand/volume/delivery date changes. • Supports superior with the optimization of sourcing processes and systems to increase the efficiency of purchasing processes (e.g. benchmarks, worldwide purchasing) or adopt appropriate measures. • Executes all purchasing activities and sourcing management decisions under consideration of principles of compliance, environmental safety, health and safety (IMSU/EHS), as well as social responsibility (CSR). • Further Education: Maintains his/her current standard of knowledge in his/her subject area through continuous further training measures.	

6. Service Connections

Service Connections HR Consultancy partners with organizations to build sustainable, people-centered workplaces. We deliver end-to-end HR solutions including recruitment, payroll management, and workforce development, with a strong focus on fair pay, progressive practices, and staff welfare. Our consultancy also provides fractional HR leadership to guide companies through growth and transformation. By blending operational excellence with genuine care, we help clients attract, retain, and empower talent across diverse industries, supporting employers in achieving both commercial success and meaningful community impact.

Job Position	Administration	Working hours / Location (s)
Pre – Requisites	• Qualification: GCE O Level Certificate or equivalent • Prior experience in administrative or office support roles preferred • Strong organizational and time-management skills • Proficiency in Microsoft Office • Excellent communication skills • Ability to work independently and as part of a team • High level of integrity and attention to detail	• 5-day work week • 8am - 5pm • Islandwide
Key Responsibilities	• Provide administrative and clerical support • Manage scheduling, correspondence, and documentation • Coordinate meetings and prepare reports • Support human resources and operational processes • Maintain records and filing systems	
Job Position	Laboratory / Technical Assistant	Working hours / Location (s)
Pre – Requisites	• NITEC/Higher NITEC/Diploma in Chemical Process Technology, Applied Chemistry, Laboratory Technology, Chemical Engineering or a related discipline • Have at least 2 years • Good communication and interpersonal skills • Preferably proficient in MS Office such as Word, Excel and PowerPoint. • Able to handle live specimens, such chemicals	• 5-day work week • 8am - 5pm • Islandwide
Key Responsibilities	• A Laboratory / Technical Assistant working for a company operating within the Process / PCM industry.	
Job Position	Procurement Officer	Working hours / Location (s)
Pre – Requisites	• Degree in any field • At least 3 years of procurement experience in General Goods and Services • Experience in working with government and stat board is preferred • Good interpersonal, communication and time management skills • Results oriented with a demonstrated commitment to teamwork • Experience as a change agent in an organization • Familiar with e-procurement and ERP systems • Proficient in Microsoft Office	• 5-day work week • 8am - 5pm • Islandwide
Key Responsibilities	• Perform procurement planning with departments • Provide regular reporting of procurement performance and spend analysis • Develop and implement category-specific procurement strategies to optimize cost, quality, and supplier performance	

Job Position	Procurement Officer	Working hours / Location (s)
	- Analyse and identify potential consolidation opportunities under strategic buys to optimise procurement efficiencies - Foster and manage relationships and communications between users and procurement - Develop a sound supplier network, manage supplier relationships and contract - Provide end-to-end support and guide users on procurement policy, procedures and system - Administer quotation and tender processes and review procurement documents, ensuring adherence to university policy and procedures - Participate in the evaluation of bids and conduct negotiations to ensure value for money, prepare recommendation reports, and facilitate the approval and award of bids in consultation with users - Identify opportunities to streamline procurement processes and improvements - Any other duties assigned - Assist with preparation, labelling, handling and storage of samples, chemicals, materials and laboratory equipment. - Support routine laboratory testing and preparation activities under the supervision of technical personnel. - Clean, maintain and prepare laboratory apparatus and equipment for use. - Maintain proper records of samples, test materials and laboratory activities. - Monitor laboratory consumables and maintain inventory records. - Assist with procurement and replenishment of laboratory materials and supplies. - Ensure chemicals and materials are properly labelled and stored in accordance with established safety procedures and Safety Data Sheets requirements. - Maintain laboratory housekeeping and support compliance with workplace safety procedures. - Assist in reporting damaged equipment, spills, abnormalities and other safety concerns. - Provide documentation and administrative support to laboratory/technical personnel. - Support other technical and operational activities where required.	
Job Position	Receptionist (Corporate Front Desk)	Working hours / Location (s)
Pre – Requisites	- Minimum GCE 'O' Level (with credit in English) - Prior experience in receptionist / front desk / customer service roles preferred - Good communication skills in English (and any other language is an advantage) - Well-groomed with a pleasant personality - Strong interpersonal and organizational skills - Able to maintain professionalism in a corporate environment	5-day work week 8am - 5pm - Islandwide
Key Responsibilities	Welcome, greet, and assist visitors in a professional and courteous manner	

Job Position	Receptionist (Corporate Front Desk)	Working hours / Location (s)
	• Manage incoming calls, route enquiries, and relay messages accurately • Attend to public and internal enquiries promptly • Monitor visitor access and security • Handle incoming mail, deliveries, and escalate suspicious items when required • Maintain cleanliness and readiness of the reception area • Support meeting arrangements, including guest coordination and setup • Provide administrative and ad-hoc clerical support • Manage inventory and reception-related consumables	
Job Position	Senior Manager / Assistant Senior Manager (Workforce Transformation)	Working hours / Location (s)
Pre – Requisites	• At least a good bachelor's degree in Human Resource Management, Business, Engineering or a related discipline • IT savvy and proficient in MS Office applications • Preferably 8 - 10 years of related working experience • Relevant work experience in career advisory and counselling and corporate engagements, with proven ability to collaborate and engage Trade Associations, Professional Bodies and Government Agencies. • Driven self-starter with strong analytical, critical thinking and problem-solving skills. • Good verbal & written communication and interpersonal skills with a positive work attitude • Excellent coordination and organization skills, with a customer-centric mindset • Strong team player who is meticulous, resourceful, resilient and thrives in a fast-paced, results-oriented and ambiguous work environment	• 5-day work week • 8am - 5pm • Islandwide
Key Responsibilities	• Develop and implement workforce transformation strategies supporting PCM business and operational requirements. • Conduct workforce planning and identify current and future manpower/skills requirements. • Identify skills gaps across technical, supervisory and support functions. • Develop upskilling and reskilling initiatives for employees. • Work with management and operational teams on workforce productivity and capability-building initiatives. • Establish partnerships with training providers, industry bodies and relevant government agencies. • Identify suitable government grants, workforce-development programs and funding support. • Coordinate employee participation in technical and safety training programs. • Develop career pathways and competency frameworks for technical employees. • Support succession planning and development of supervisors and future leaders.	

Job Position	Senior Manager / Assistant Senior Manager (Workforce Transformation)	Working hours / Location (s)
	- Analyze manpower, training, retention and workforce-productivity data. - Track workforce-transformation initiatives and report outcomes to management. - Support recruitment and retention strategies for hard-to-fill technical positions. - Keep abreast of manpower policies, industry developments and skills requirements affecting the process/PCM sector.	

Job Position	Technical Project Manager	Working hours / Location (s)
Pre – Requisites	- Bachelor’s degree in Computer Science, Information Technology, Engineering, or related field. 5+ years of experience in IT project management with exposure to cloud platform initiatives. - Strong understanding of cloud architecture and platform standardization concepts. <u>Experience managing projects involving:</u> - Cloud migration and modernization - Enterprise architecture governance - Infrastructure standardization - DevOps and automation initiatives - Platform engineering <u>Hands-on knowledge of one or more cloud platforms:</u> - AWS - Microsoft Azure - Google Cloud Platform (GCP) <u>Familiarity with:</u> - Kubernetes / container platforms - CI/CD pipelines - Terraform / Infrastructure-as-Code - Cloud security and compliance frameworks - Strong stakeholder management and communication skills. - Experience using Agile, Scrum, Waterfall, or hybrid delivery methodologies. - Proficiency in project management tools such as Jira, Confluence, MS Project, or ServiceNow. - PMP, PRINCE2, Agile, or Scrum certifications preferred.	5-day work week 8am - 5pm - Islandwide
Key Responsibilities	- We are seeking an experienced Project Manager to lead enterprise cloud platform initiatives focused on architecture standardization, governance, and modernization. - The ideal candidate will have strong experience managing cross-functional technology programs involving cloud transformation, infrastructure standardization, platform engineering, and enterprise architecture alignment. - This role requires close collaboration with engineering, cloud operations, security, enterprise architects, and business stakeholders to drive scalable, secure, and standardized cloud platform solutions across the organization.	

Job Position	Technical Project Manager	Working hours / Location (s)
	• Lead end-to-end delivery of cloud platform projects • Drive cloud infrastructure standardization • Coordinate with architects, engineers and vendors • Manage scope, timelines, budgets and risks • Facilitate governance reviews and workshops • Support migration and modernization initiatives	

7. Siltronic Singapore

Siltronic AG is one of the world's leading producers of hyperpure silicon wafers and has been a partner to many major semiconductor manufacturers for decades. As one of the leading wafer manufacturers, Siltronic is globally oriented and operates production facilities in Asia, Europe and the USA.

Silicon wafers are the foundation of the modern semiconductor industry and the basis for chips in all electronic applications - from computers and smartphones to electric cars and wind turbines. The international company is highly customer-oriented and focused on quality, precision, innovation and growth. Siltronic AG employs around 4,100 people internationally

Job Position	Engineering Assistant Technician (Equipment)	Working hours / Location (s)
Pre – Requisites	• Diploma / Higher Nitec / Nitec in Mechanical / Electrical / Electronics / Mechatronics Engineering or equivalent fields • Knowledge of Programmable Logic Control (PLC) is an advantage • Able to perform 12 hours rotating day and night shift	• 12-hour rotating shift: • Day: 8am to 8pm • Night: 8pm to 8am • 10 Tampines Industrial Ave 5
Key Responsibilities	• Perform troubleshooting and repair of equipment related failure to minimize downtime • Schedule and perform periodic equipment preventive maintenance • Work with Engineers to troubleshoot process related issues relating to equipment failure • Perform housekeeping and conformance to safety and cleanroom protocols	

Job Position	Engineering Assistant Technician (Lab)	Working hours / Location (s)
Pre – Requisites	• Diploma in Physics, Material Science, or equivalent Engineering field • Preferably with 2 years working experience in laboratory or other designations in semiconductor industry • Entry level candidates are welcome to apply • Reasonably proficient with Microsoft Office (Words, Excel) • Experience handling SEM/EDX, SRP a plus • Able to support overtime or shift work as assigned • 15 working days in a month	• 12-hour rotating shift: • Day: 8am to 8pm • Night: 8pm to 8am • 10 Tampines Industrial Ave 5
Key Responsibilities	• Operate laboratory equipment for Product Failure Analysis, Physical Characterization, and Quality Control • Ensure the quality of laboratory tools by SPC monitoring and IMTE calibration. • Must be able to follow laboratory procedures and cleanroom protocol. • Support to fulfill measurements cycle time and perform calibration in a timely manner • Operate laboratory equipment based on SOP • Maintain good housekeeping • Participate in special projects as assigned by supervisors	

Job Position	Engineering Assistant Technician (Line Technology)	Working hours / Location (s)
Pre – Requisites	• Candidate must possess a Diploma in Engineering or Science • No experience or Entry level will be considered • Working Hours: 12 Hour Shift (Shift allowances provided) Permanent day/ night shift (8.00 to 8.00)	• 12-hour rotating shift: • Day: 8am to 8pm

Job Position	Engineering Assistant Technician (Line Technology)	Working hours / Location (s)
Key Responsibilities	• Monitor critical product parameters and ensure good product quality and yield • Analyse daily product capability and provide early preventive/containment actions in case of in-process excursion • In-process yield reporting and loss analysis • Review and perform materials disposition on final product • Timely detection and feedback on abnormal losses or defect • Work with cross-functional departments to ensure smooth in-process operation	• Night: 8pm to 8am • 10 Tampines Industrial Ave 5

Job Position	Engineering Assistant Technician (Mechanical Technology)	Working hours / Location (s)
Pre – Requisites	• Candidate must possess a Diploma in Engineering or Science • No experience or Entry level will be considered • Working Hours: 12 Hour Shift (Shift allowances provided) Permanent day/ night shift (8.00 to 8.00)	• 12-hour rotating shift: • Day: 8am to 8pm • Night: 8pm to 8am • 10 Tampines Industrial Ave 5
Key Responsibilities	• Continuously monitor mechanical process performance and identify deviations promptly. • Assess and judge tool capability and assign suitable tools based on product specification need. • Tune and adjust tools to maintain strict mechanical capability requirements for advanced customer products. • Perform post mechanical process disposition, including geometry (Geo) and HOSPC decisions, and initiate containment actions when required. • Support operations in enforcing proper setup checks and corrective actions (CA) in accordance with defined procedures and standards. • Enable sustained high-volume production under tightened mechanical controls, ensuring that customer specifications and fab output targets are met. • Support process engineers with data collection and evaluation tests in production floor. • Strengthen operational resilience by ensuring decision-making capability is always available during critical production hours for both 300mm fabs.	

Job Position	Equipment Engineer	Working hours / Location (s)
Pre – Requisites	• Bachelor of Electrical/Electronics/Mechanical/Mechatronic Engineering • Diploma in Engineering with at least 3 years of equipment maintenance experience will be considered • At least 2 years' experience in Semiconductor Industry • Willing to commit for overtime when required	• 5-day work week • 8:00am - 5:30pm • 10 Tampines Industrial Ave 5
Key Responsibilities	• Perform equipment installation, tool improvement activities, maintenance, alarm compilation of equipment • Perform repair, troubleshooting of equipment to minimize downtime	

Job Position	Equipment Engineer	Working hours / Location (s)
	• Identify equipment failures, pareto of issues and weak point analysis for improvement • Drive continuous improvement program, cost reduction, yield & OEE improvement • Generate technical reports of the equipment	

Job Position	IT Engineer, Oracle Database Administrator	Working hours / Location (s)
Pre – Requisites	• Bachelor's Degree in Computer Science, IT, Engineering, or related field. • Experience in Oracle Database Administration. • Proficiency in SQL and PL/SQL. • Knowledge of Oracle architecture, backup & recovery, and performance tuning. • Working knowledge of Linux/Unix, filesystem management, and Cron jobs. • Strong troubleshooting, analytical, communication, and documentation skills.	• 5-day work week • 8:00am - 5:30pm • 10 Tampines Industrial Ave 5
Key Responsibilities	• Monitor database health, availability, performance, and capacity using enterprise monitoring tools. • Investigate and resolve database alerts, incidents, and performance bottlenecks. • Participate in 24x7 on-call support and incident response activities. • Install, configure, and upgrade Oracle database software and tools. • Create and maintain database storage structures (table spaces, objects, indexes). • Review, plan, and execute database changes in accordance with IT change management procedures. • Support application deployments, database releases, and schema migrations. • Assess risks and develop rollback plans for production changes. • Conduct periodic failover, switchover, backup, and disaster recovery tests • Identify, test, and implement Oracle patches, updates, and service packs. • Support database audit, security reviews, and compliance requirements. • Maintain database administration documentation, SOPs, and operational procedures. • Ensure adherence to company security and data retention policies. Implement backup and recovery strategies to protect data from loss. • Develop and test disaster recovery plans.	

Job Position	Manufacturing Engineer	Working hours / Location (s)
Pre – Requisites	• Diploma/Degree in Engineering/Science/Production/IT • Preferably experienced in high-tech, high-vol manufacturing environment • Good leadership and communication skills • Willing to work 12-hour shifts (day or night)	• 12-hour rotating shift: • Day: 8am to 8pm

Job Position	Manufacturing Engineer	Working hours / Location (s)
Key Responsibilities	• Lead a team of line leaders and operators to meet daily production output, quality, productivity and yield. • Conduct daily pass-down meetings and escalate line issues if any • Oversee manpower/overtime and consumables planning • Ensure manufacturing and safety procedures are being followed • Conduct training/coaching to leaders & operators to improve performance • Implement ideas and improvement activities to prevent human errors • Ensure good discipline and housekeeping in the line • Coordinate with other departments to support projects, evaluations and preventive maintenance activities in the fab	• Night: 8pm to 8am • 10 Tampines Industrial Ave 5

Job Position	Process Engineer	Working hours / Location (s)
Pre – Requisites	• University degree in Engineering or Science • Knowledge of quality management systems, data analysis, Design of Experiments (DOE) and statistical process control (SPC) • Proficient in statistical software like JMP, visual basic, database and queries will be an added advantage • Self-motivated and able to work well in a team • Good analytical and communication skills • Willingness and curiosity to learn attitude	• 5-day work week • 8:00am - 5:30pm • 10 Tampines Industrial Ave 5
Key Responsibilities	• Manage wafer manufacturing process in achieving quality, yield, quality and production targets. • Collaborate with Technology counterparts globally on process alignment and qualification of new processes, suppliers and consumables if needed • Work with cross-functional teams on process capability improvement and yield enhancement projects • Coordinate troubleshooting of process issues and yield losses • Drive for continuous process improvement and permanent solutions to resolve chronic process and quality issues. • Develop best practices, routine and innovative solutions for continuous improvement • Perform Statistical data analysis for process improvement and interpretation of data • Apply problem solving methods (8D, Fishbone, DOE etc.) and risk analysis (like FMEA)	

8. Sunningdale Tech

Sunningdale Tech Ltd is a leading manufacturer of precision plastic components. The Group provides one-stop, turnkey plastic solutions, with capabilities ranging from product & mould designs, mould fabrication, injection moulding, complementary finishings, through to the precision assembly of complete products.

Job Position	Assistant Microbiologist	Working hours / Location (s)
Pre – Requisites	• Higher Nitec / Diploma in Engineering Science, Chemical process, Food Science, Biotechnology, or any other relevant discipline • Candidate without experience may apply • Knowledge in Microsoft Office (Excel/Words) • Basic lab knowledge/experience in food/pharmaceutical/medical device/diagnostic device Knowledge/experience in microbiology/Molecular laboratory is an added advantage • Ability to communicate in English • Observed GMP, Independent, good initiative and able to multi-task in fast paced, dynamic environment	• 5-day work week • 830am to 545pm • 51 Joo Koon Circle
Key Responsibilities	• Perform laboratory specific methods on materials or finished products, media making, special projects or specified testing as directed • Reagent/media preparation, sample collection and identification, sample testing and reporting result • Assist in the tracking, maintaining, and ordering of lab consumable and supplies • Perform routine lab maintenance, including but not limited to lab cleaning & sanitization , lab environmental monitoring and lab equipment maintenance • Read and complete documentation of work through data recording and / or electronic note booking • Generate lab test report • Assist in application of routine/non-routine lab test methods (e.g. Challenge tests, Method Validation) as per documented instructions or procedures • Participates in quality control, problem solving, continuous quality improvement activities and assist Molecular/Microbiologist in any abnormality investigation • Any other duties as and when assigned • Take reasonable care of workplace health and safety; abide by all EHS policies and procedures; cooperate with Management and colleagues in EHS initiatives	

Job Position	Automation Engineer	Working hours / Location (s)
Pre – Requisites	• Bachelor Degree in Mechanical Engineering / Product Design Engineering / Mechatronics or related discipline. • Proven experience in industrial automation, machine design, system integration, commissioning, and troubleshooting. • Strong knowledge of PLC programming, HMI/SCADA systems, industrial robotics/cobots, sensors, servo systems, pneumatics, and electrical control systems. • Ability to read and interpret mechanical drawings, electrical schematics, wiring diagrams, and technical specifications. • Experience in FAT/SAT execution, machine validation, and project documentation management.	• 5-day work week • 830am to 545pm • 51 Joo Koon Circle

Job Position	Automation Engineer	Working hours / Location (s)
	• Strong analytical and problem-solving skills with experience in root cause analysis and continuous improvement methodologies. • Effective project management, communication, and stakeholder coordination skills. • Ability to work independently and manage multiple projects simultaneously. • Familiarity with manufacturing environments and preventive maintenance practices. • Knowledge of GMP, food safety, sanitation, and workplace safety requirements is preferred. • Committed to complying with all plant safety regulations, food safety standards, sanitation requirements, and Good Manufacturing Practice (GMP) guidelines.	
Key Responsibilities	• Design, execute, commission & install automation machines & systems to meet project & production schedule. • Review & upgrade existing automated production lines via root cause analysis for continuous improvement to meet production new requirement. • Create, prepare, update automation project documentation, procedures & drawings of Gantt chart, weekly progress report, process / equipment flow chart, validation list, buy off/FAT/SAT (Factory / Site Acceptance Test) procedure, mechanical assembly & layout drawing, electrical diagram & wiring, I/O list, co-robot & PLC program, SOP (Standard Operation Procedure), WI (Work Instruction) & PM (preventive maintenance) check list. • Attention to details of design concepts, provide most cost-effective technical solutions in line with customer and company needs. • Update & back up automation system documentation, procedures, drawings, software, co-robot & PLC programming timely. • Coordinate with internal team (BD, QC, production, maintenance) and external supplier to make projects successful. • Perform leadership & ownership to complete projects on schedule & on quality, support team members' work to enhance teamwork spirit. • Prepare machines preventive maintenance check list and training operation & maintenance staff. • Service & troubleshooting machines when requested. • Any other duties when assigned by management. • Adhere to plant safety, food safety, sanitation standards and following all GMP guidelines.	

Job Position	Engineer - Applied Innovation	Working hours / Location (s)
Pre – Requisites	• Bachelor's Degree in Mechanical Engineering, Mechatronics, Product Design Engineering, Automation Engineering, or a related engineering discipline. • Knowledge of PLC and HMI programming, motion control systems, and industrial automation. • Familiarity with industrial communication protocols such as EtherNet/IP, EtherCAT, Modbus TCP/IP, and OPC UA. • Experience in electrical control system design and machine commissioning is preferred.	• 5-day work week • 830am to 545pm • 51 Joo Koon Circle

Job Position	Engineer - Applied Innovation	Working hours / Location (s)
	• Knowledge of robotics, vision systems, laser systems, or Industry 4.0 applications will be an advantage. • Programming skills in Python, C#, C/C++, or similar languages will be an added advantage. • Proficient in Microsoft Office applications. • Strong analytical, troubleshooting, and problem-solving skills. • Good communication and teamwork skills with the ability to work across functions. • Prior experience in manufacturing, plastics injection moulding, or automation projects will be advantageous.	
Key Responsibilities	• Work together with internal stakeholders (Business Development, Quality, Production and Maintenance) and external stakeholders (customers, suppliers and contractors) to understand project requirements & support automation projects. • Assist in design of machine control architectures for fully automated manufacturing systems and select appropriate automation components, including PLCs, HMIs, servo drives, VFDs, safety devices, sensors, industrial networks and electrical control hardware. • Design electrical control systems, control panel layouts, wiring schematics and electrical drawings using AutoCAD Electrical, EPLAN or equivalent CAD software. <u>Prepare and maintain project documentation, including:</u> • Bill of Materials (BOM) • Functional Design Specifications (FDS) • I/O Lists • Alarm Lists • Electrical Drawings • Network Architecture • FAT/SAT documentation • Develop, program, test and validate PLC, HMI and motion control software in accordance with IEC 61131-3 standards to meet machine functional, operational and safety requirements. • Assist in implementation of machine safety systems, including safety PLCs, safety relays, emergency stop circuits, guard interlocks and safety functions in compliance with ISO 12100, ISO 13849, IEC 62061 and IEC 60204-1. • Support the integration of industrial robots, vision systems, laser systems, barcode readers, RFID systems, servo systems and third-party equipment into automated production lines. • Configure and troubleshoot industrial communication networks, including EtherNet/IP, EtherCAT, Modbus TCP/IP, OPC UA. • Participate in software testing, machine validation and commissioning of automated equipment and production lines to ensure reliable and safe operation. • Support Factory Acceptance Tests (FAT), Site Acceptance Tests (SAT) and production qualification activities, ensuring all functional, performance and safety requirements are met. • Develop, review and continuously improve Standard Operating Procedures (SOPs), Work Instructions (WIs), Preventive Maintenance (PM) checklists and troubleshooting guides.	

Job Position	Engineer - Applied Innovation	Working hours / Location (s)
	• Perform root cause analysis and implement effective corrective and preventive actions to minimize downtime and improve equipment reliability. • Support continuous improvement initiatives to improve Overall Equipment Effectiveness (OEE), machine reliability, production efficiency, product quality and equipment maintainability. • Support Industry 4.0 initiatives through machine connectivity, data collection & dashboard development. • Ensure compliance with company engineering standards, Workplace Safety & Health (WSH) regulations, Good Manufacturing Practices (GMP), quality standards and all relevant international machine safety standards. • Keep accurate project documentation and provide regular progress updates to the project lead or manager. • Adhere to plant safety, food safety, sanitation standards and following all GMP guidelines.	

Job Position	Engineer - Innovation Design	Working hours / Location (s)
Pre – Requisites	• Bachelor's Degree in Mechanical Engineering or a related engineering discipline. • Strong knowledge in CAD & Unigraphics NX12 • Hands-on experience in Mold Design & Moldflow MPI / Moldex 3D • Proactive & deep innovative / analytical • Proficient in Microsoft Office applications. • Strong analytical, troubleshooting, and problem-solving skills. • Good communication and teamwork skills with the ability to work across functions. • Prior experience in manufacturing, plastics injection moulding, or automation projects will be advantageous.	• 5-day work week • 830am to 545pm • 51 Joo Koon Circle
Key Responsibilities	• Designing of plastic injection molds as per customer requirements & specifications • DFM preparation according to customer specifications • Develop 3D & 2D solid mold designs through UG software NX12 and above • Develop and design engineered plastic parts, insert molded parts and assemblies • Work closely with CAM and MFG department to meet customer requirements	

Job Position	Process Engineer	Working hours / Location (s)
Pre – Requisites	• Minimum Diploma / Degree in Engineering or equivalent • Minimum 1 - 4 years of relevant production engineering / assembly process background in manufacturing industry • Knowledgeable in FMEA, Process Validation & Improvement, DOE, etc.	• 5-day work week • 830am to 545pm • 51 Joo Koon Circle
Key Responsibilities	• Work with Engineering team to ensure timely launch of new products • Develop Process Parameters, Fixture Tooling and Process Controls for production parts	

Job Position	Process Engineer	Working hours / Location (s)
	• Provide documented procedures on buyoff on new/transfer molds prior to mass production release • Ensure that yields and cycle time are in accordance with BOM standard • Work in cross-functional group to coordinate with all process-related issues (including sample build) • Investigate and implement solutions on process or material related problems • Execute productivity programs such as process automation, tooling and fixture fabrication/improvement, etc. • Review and provide Corrective Action Report promptly to all customers on customers' complaints and monitor/follow-up on all quality issues relate to assigned customer's product • Provide rework instruction to non-conformance product; Initiate action to prevent recurrence through proper documentation of process instructions, root cause analysis, process flow chart, FMEA, Control Plan, etc; Update and review these documents on a timely basis • Drive for continuous improvement projects. Maintain the effectiveness of the Food Safety Management system through the understanding of cGMP • Provide after sales support to customers and champion in-house activities to meet customer's requirements • Perform any other duties as assigned by the Superior • Take reasonable care of workplace health and safety; abide by all EHS policies and procedures; cooperate with Management and colleagues in EHS initiatives	

Job Position	QA Technician	Working hours / Location (s)
Pre – Requisites	• 2 - 3 years relevant experience • Minimum NITEC in Precision / Mechanical / Mechatronics Engineering or equivalent discipline	• 4-day work week • 720 pm to 720am • 51 Joo Koon Circle
Key Responsibilities	• Read and interpret geometrical drawings • To assist Engineer in the development of measuring method and jigs/fixture during product development stage • Perform First Article Inspection & CP/CPK study • Work with business team and engineering team on product qualification measurement – Validation (IQ, OQ, PQ) • Conduct MSA (GR&R) on equipment and user for assessing measurement system capability • Maintain and perform software validation and revalidation for applicable software used to determine product's quality (decision to accept or reject product) • Manage organization's measuring equipment's, maintain equipment's calibration and servicing program to comply to International standard and customer requirements, including customer consigned measuring equipment(s) • Provide assistant in the training of inspectors & junior Technician to perform part measurement. • Prepare measurement report and graphical analysis of measurement data.	

Job Position	QA Technician	Working hours / Location (s)
	• Other ad-hoc duties as assigned	

Job Position	R&D Engineer - Mechanical Design	Working hours / Location (s)
Pre – Requisites	• Bachelor Degree in Mechanical Engineering • Experience in 3D CAD software (e.g., SolidWorks, Creo, CATIA, Inventor). • Knowledge of GD&T, tolerance analysis, and engineering drawing standards. • Experience in rapid prototyping and additive manufacturing. • Familiarity with plastic injection molding design principles. • Strong analytical, problem-solving, and communication skills. • Ability to work independently and manage multiple development projects. • Committed to complying with all plant safety regulations, food safety standards, sanitation requirements, and Good Manufacturing Practice (GMP) guidelines.	• 5-day work week • 830am to 545pm • 51 Joo Koon Circle
Key Responsibilities	• Develop 3D product designs and create proof-of-concept models. • Design, build, and evaluate prototypes using additive manufacturing (3D printing) and other prototyping methods. • Prepare detailed engineering drawings with proper GD&T and tolerance stack-up analysis. • Design plastic injection-molded components with consideration for manufacturability and cost optimization. • Define product test plans, validation requirements, and acceptance criteria. • Conduct testing, analyze results, and implement design improvements. • Collaborate with R&D, Manufacturing, Quality, and suppliers to support product development and commercialization. • Maintain accurate design documentation and engineering records. • Adhere to plant safety, food safety, sanitation standards and following all GMP guidelines.	

Job Position	R&D Engineer - Product Design	Working hours / Location (s)
Pre – Requisites	• Bachelor Degree in Mechanical Engineering / Product Design Engineering / Mechatronics or related discipline. • 3–8 years of relevant experience in Product Design, R&D, OEM/ODM, or product development environment. • Good exposure in plastic, sheet metal, rubber/silicone, and hybrid product design. • Knowledge of manufacturing processes including injection molding, machining, stamping, MIM, extrusion, and assembly. • Familiar with GD&T, tolerance analysis, BOM creation, and Design for Manufacturability (DFM). • Hands-on experience in 3D CAD design (SolidWorks) and product prototyping. • Basic knowledge of CAE/FEA simulation will be an added advantage. • Good understanding of engineering plastics, product design principles, and product validation.	• 5-day work week • 830am to 545pm • 51 Joo Koon Circle

Job Position	R&D Engineer - Product Design	Working hours / Location (s)
	• Competent in engineering calculations, fit/function analysis, and technical problem solving. • Good communication skills with customers and cross-functional teams, with the ability to manage multiple projects effectively.	
Key Responsibilities	• Develop innovative product concepts based on customer requirements, sketches, or marketing input. • Create 3D CAD models, assemblies, and 2D engineering drawings. • Perform mechanical design of plastic, metal, and hybrid assemblies. • Conduct tolerance analysis, stack-up studies, and fit/function reviews. • Drive concept-to-prototype-to-production design process. • Participate in customer discussions to understand technical requirements. • Translate customer needs into engineering specifications and design solutions. • Present concepts, design proposals, and technical recommendations. • Support design changes and engineering problem-solving during project execution. • Design for Manufacturability (DFM) for injection molding, CNC, sheet metal, die casting, etc. • Work with suppliers and internal manufacturing teams. • Optimize designs for cost, quality, assembly, and reliability. • Coordinate prototype builds using 3D printing, CNC, silicone tooling, etc. • Plan and execute functional tests, drop tests, life tests, and validation. • Any other duties as and when assigned • Take reasonable care of workplace health and safety; abide by all EHS policies and procedures; cooperate with Management and colleagues in EHS initiatives	

Job Position	Technical Specialist / Production Technician	Working hours / Location (s)
Pre – Requisites	• NITEC or Diploma in Mechanical Engineering or equivalent • Willing to work 12 hours rotating shift on 4 days' work week	• 4-day work week • 12-hour shifts • Day: 720am to 730 pm • Night: 720pm to 720am • 51 Joo Koon Circle
Key Responsibilities	• Oversee daily operation of respective production requirements such as line productivity, efficiency quality yield and machine utilization • Maintain process control and carry out routine check verification and repair work • Carry out periodic and preventive maintenance programs on both hardware and system software • Maintain records of maintenance programs including plant equipment such as air compressor vacuum pump transformers etc. • Assist Engineer in maintaining list of spare parts through timely reviewing to ensure minimum disruption to the production operation • Ensure production operation meets the company's quality policy and objectives and comply with customer requirements	

Job Position	Technical Specialist / Production Technician	Working hours / Location (s)
	• Assist Process Engineer in executing continuous improvement plan to attain cost reduction program for customers and to meet company's goals • Assist Production Supervisor in initiating action to prevent occurrence of product non-conformity • Assist and execute the implementation of product non-conformity solution • Raise safety awareness in assembly area • Promote and cultivate good housekeeping behaviors in assembly area • Take reasonable care of workplace health and safety; abide by all EHS policies and procedures; cooperate with Management and colleagues in EHS initiatives	

9. VDL Enabling Technologies Group

VDL ETG Singapore is a supplier of system integrations of mechatronic (sub)systems and modules for 'Original Equipment Manufacturing' (OEM) companies. These companies are leaders in manufacturing technically sophisticated equipment. One of the key markets in which VDL ETG Singapore operates is the semiconductor industry, where it specialises in Wafer Fab Equipment.

Job Position	Automation Engineer	Working hours / Location (s)
Pre – Requisites	• Bachelor's or Master's degree in Automation Engineering, Robotics, AI, Mechatronics, Mechanical or a related field. • Experience in automation engineering with a focus on AI and robotics is preferred. • Familiarity with PLC programming and industrial communication protocols (EtherCAT, Modbus, IoT etc). • Strong problem-solving abilities and analytical thinking. • Excellent communication and teamwork skills to collaborate with multidisciplinary teams. • Proficiency in programming languages (e.g Python). • Proven track record in designing and deploying robotic systems and AI-driven inspection tools is preferred. • Knowledge of AI frameworks (TensorFlow, PyTorch) including machine learning algorithms and robotic platforms is preferred.	• 5-day work week • 259 Jalan Ahmad Ibrahim
Key Responsibilities	• Purpose: To design, develop, and implement automation solutions for system integration and machine assembly processes to enhance productivity, minimize human errors, and ensure high-quality outputs. • The role will focus on leveraging AI and robotics to achieve automated assembly and inspection solutions <u>Key Area of Responsibilities:</u> • Design and implement robotic systems for automated assembly processes. • Liaise with stakeholders and develop AI-driven solutions for process optimization and defect detection. • Identify Automation Opportunities in Manufacturing Processes. • Ensure seamless communication between automation systems and other manufacturing tools. • Troubleshoot and Maintain Automation Systems. • Perform Preventive Maintenance to Ensure System Reliability. • Train technicians and operators on the use of automated systems. • Develop and Maintain Technical Documentation. • Research and Implement Robotics and AI with MES for Real-Time Monitoring.	
Job Position	CMM Engineer	Working hours / Location (s)
Pre – Requisites	• Bachelor's degree in Mechanical engineering, Precision Engineering, or related field. • Proven experience as a CMM Engineer in a contract manufacturing or precision engineering environment. • Strong hands-on experience with CMM programming (Camio CAD, Calypso, or equivalent). • Solid understanding of GD&T (ASME Y14.5). • Experience with AS9102 FAI preparation.	• 5-day work week • 259 Jalan Ahmad Ibrahim

Job Position	CMM Engineer	Working hours / Location (s)
	• Familiarity with ISO 9001 / AS9100 quality systems. • Strong drawing interpretation and measurement planning skills. • Excellent problem-solving skills and high attention to detail. • Strong communication and teamwork abilities.	
Key Responsibilities	• Purpose: The CMM Engineer is responsible for developing, validating, and maintaining Coordinate Measuring Machine (CMM) programs to support dimensional inspection, First Article Inspection (FAI), and ongoing production verification. • This role ensures accurate measurement results, compliance to engineering drawings and GD&T requirements, and supports regulatory and customer quality standards through robust inspection planning, ballooning, and documentation. <u>Key Area of Responsibilities:</u> • Review customer (Internal & External) supplied data and drawings to ensure that supplied information aligns with project requirements and standards. • Develop, debug and optimize CMM programs using software such as Camio CAD, Calypso or equivalent. • Set up and calibrate CMM equipment for inspection tasks. • Perform dimensional inspections on parts and assemblies using CMM. • Validate measurement results and compliance with GD&T (Geometric Dimensioning & Tolerancing) standards. • Perform ballooning of engineering drawings (including 2D, 3D models, and specifications) to fully identify and number all measurable characteristics required for FAI. • Translate ballooned characteristics into structured inspection plans and CMM programs. • Ensure all drawing requirements—including GD&T, notes, and special characteristics—are correctly interpreted and measured. • Support FAI packages (AS9102 or customer-specific formats) by aligning CMM results with ballooned characteristics and inspection reports. • Collaborate with Manufacturing Engineering, Design Engineering, and Quality teams to clarify ambiguous or complex drawing requirements during the FAI phase. • Generate detailed CMM inspection reports and FAI measurement outputs aligned to balloon numbers and part characteristics. • Adhere to ISO and customer-specific quality standards. • Support continuous improvement initiatives relating to inspection accuracy, cycle time, and program optimization.	
Job Position	Commodity Specialist	Working hours / Location (s)
Pre – Requisites	• Bachelor's degree in engineering, logistics or other relevant qualifications. • Minimum 3 years of experience in a commodity specialist/ supply chain role in the manufacturing industry. • Ability to interpret technical documents (i.e. Schematic drawings/BOM/specifications) so as to source for OEM parts (mechanical & electrical).	• 5-day work week • 259 Jalan Ahmad Ibrahim

Job Position	Commodity Specialist	Working hours / Location (s)
	• Work experience in machining, sheet metals or build to print parts (Cable assembly, PCBA etc) will be an added advantage. • Certified Supply Chain Professional (CSCP) is preferred. • Team player. • Good problem-solving skills. • Meticulous in details. • Proficient in advanced Microsoft Excel functions.	
Key Responsibilities	• Purpose: Responsible for the company's end-to-end sourcing of products related to manufacturing Bill of Materials (BOMs). In addition, the individual will be responsible for all phases of sourcing that require the skills necessary to identify cost-saving opportunities, lead-time reduction, supplier relationship management, create competitive environments, creatively negotiate, and generate contracts to assure the availability of all products to support the company objectives. Key Area of Responsibilities: • Source for materials, components, and service-related activities at the most competitive prices to fulfill business requirements. • Develop and implement commodity strategies to categorize and transform the supply base that will ultimately achieve the company goal & and business objectives. • Implement supplier agreements/contracts by working with cross-functional stakeholders and suppliers to enable tactical buying for the Material Management Team (MMT) and meet business goals. • Address outstanding Project Requirement Planning (PRP) and Change Control System (CCS) affecting the project to meet program/business requirements. • Manage supplier relationships to maintain and develop a win-win situation. • Support and participate in company continuous improvement program. • Prepare quotation to support customer budgetary request. • Evaluate supplier core competencies and competitive positioning using industry cost models.	

Job Position	Customer Quality Engineer	Working hours / Location (s)
Pre – Requisites	• Diploma/Degree in Mechanical/Mechatronics/Electrical/Precision/Chemical or other relevant discipline. • Minimum 3 years of experience in customer quality management in semiconductor equipment manufacturing or equivalent. • Knowledge of Lean Six Sigma, Lean Six Sigma certified will be an advantage • Certified Quality Engineer will be an advantage • Good problem-solving skills • Proficient in Microsoft Excel functions • Good communication skills	• 5-day work week • 259 Jalan Ahmad Ibrahim
Key Responsibilities	• Purpose: To provide a 1st point contact to Customer on quality related issues.	

Job Position	Customer Quality Engineer	Working hours / Location (s)
	- Responsible for ensuring the assembly products meet Customer quality standards. - Work in a team environment to drive root cause analysis, develop and implement best practices that emphasise defect prevention, reduction in variation, provide continuous improvements in meeting Customer requirements and increase internal process efficiency. Key Area of Responsibilities: - Communicate and review with Customers, In-house, and Suppliers to resolve quality issues. - Schedule a meeting with the Customer to review and close non-conformance. - Chair & drive Customer quality CAB meetings to derive root causes, and corrective and preventive actions based on 8D methodology. - Review to ensure root cause is based on quality tool 5-why, 3-legged 5-why, fishbone diagram. - Define and implement an outgoing inspection checklist to ensure delivered products meet all customer requirements. - Compile weekly customer quality reports for monitoring the customer & organization quality KPI. - Monitor and review FAI of BTP & internal made part to ensure the first article meets all customer requirements. - Support and participate in company continuous improvement program.	

Job Position	Digital Transformation Engineer	Working hours / Location (s)
Pre – Requisites	- Bachelor's degree in Computer science, Information Technology, or a related field is required. - Effective communication skills to collaborate with cross-functional teams and translate technical concepts into business value. - Strong analytical and problem-solving skills with the ability to identify process improvement opportunities. - Minimum 3 years' experience in digital transformation or related roles, preferably within a manufacturing or industrial environment preferred. - Hands-on experience with Power BI, Power App, Power Automate and Microsoft Excel is preferred. - Proficient in SQL, Python and Excel VBA is preferred. - Strong understanding of digital technologies such as AI/ML, IoT, RPA, cloud computing, and cybersecurity is preferred. - Experience in project execution, including documentation, testing, and user training is preferred. - Certifications in PMP and Lean Six Sigma certifications are preferred. - Working knowledge of IT infrastructure, network fundamentals, and cybersecurity/data protection principles is preferred.	5-day work week 259 Jalan Ahmad Ibrahim
Key Responsibilities	- Purpose: The Digital Transformation Engineer supports implements of effective digital initiatives and solutions to drive enhance operational efficiency, productivity, and innovation. - You collaborate closely with cross-functional teams to evaluate and deploy the right digital technologies/ solutions that align with departmental and company goals.	

Job Position	Digital Transformation Engineer	Working hours / Location (s)
	Key Area of Responsibilities: • Serve as the one-point contact for end-to-end digital transformation projects, as bridge between Business, Technology, Data, and Security to ensure align with business goals and successful delivery of digital solutions. • Collaborate with internal teams, corporate IT, and external vendors to gather requirements, analyze business processes, and deliver effective digital solutions. • Integrate and manage data from multiple sources, and design data models, dashboards, and reports to enable the use of data as information to drive action to meet KPI. • Design, develop, and implement automation solutions to streamline workflows, reduce manual effort, and improve operational efficiency. • Provide application support for business-critical applications by managing application licenses, troubleshooting issues, and managing user requests to ensure continuous and reliable operational performance. • Continuously research, evaluate, and adopt relevant emerging digital technologies to enhance manufacturing and business processes. • Design and maintain solution architecture to ensure it is secure, scalable, maintainable, and compliant with cybersecurity and data protection standards. • Provide technical consulting, developer support, and user training to ensure successful adoption and effective use of digital tools and systems. • Promote a culture of continuous improvement and innovation by actively contributing to digital initiatives and proposing enhancements to increase operational efficiency, adaptability, and long-term business value.	

Job Position	Engineering Manager (Parts Making & Fabrication)	Working hours / Location (s)
Pre – Requisites	• Bachelor's degree in Mechanical, Mechatronics, Electrical, Precision, Industrial Engineering, or a related engineering discipline. • Minimum 5 years of relevant experience in a manufacturing environment. • Strong knowledge of fabrication, machining, precision manufacturing, or related manufacturing processes is preferred. • Experience in driving continuous improvement initiatives using Lean Manufacturing, Six Sigma, Kaizen, or similar methodologies. • Six Sigma Black Belt certification is a mandatory requirement; candidate should possess or will be required to attain this certification for this role. • Strong analytical, problem-solving, and decision-making skills with the ability to resolve complex manufacturing challenges. • Excellent communication, stakeholder management, and presentation skills. • Knowledge of automation, Industry 4.0, digital manufacturing, or smart factory initiatives will be an advantage. • Ability to develop engineering talent and build high-performing teams.	• 5-day work week • 259 Jalan Ahmad Ibrahim

Job Position	Engineering Manager (Parts Making & Fabrication)	Working hours / Location (s)
	Results-oriented with a strong sense of accountability and ownership.	
Key Responsibilities	- Purpose: Manage and lead the engineering team who is responsible for the definition, implementation and improvements of the manufacturing process to produce advanced and critical parts, to meet and exceed customer expectations. - Strategize and implement technology roadmap to stay competitive. - Ensure the optimization of engineering resources to increase effectiveness. - The engineering team is the owner of quality, technology and cost of the parts produced by the factory. - He/she will expect to lead the team for continuous improvement. Key Area of Responsibilities: - Drives the engineering team on the execution and planning for new products (NPI), and related processes towards robust volume production. - Oversees process engineering efforts on cost savings opportunities, improvements and change management for mature products and processes. - Oversee the conceptual analysis of new capital projects while implementing engineering standards and best practices in project design. - Explore, implement and optimize new processes and manufacturing methods to support business requirements together with the production team. - Define and enhance engineering methods and processes to enhance productivity, quality and technology within the organization. - Assess team's capability and performance gaps and identify learning needs. - Develop and own competence and knowledge development plans for the team members.	
Job Position	ERP Engineer (Finance & Interface)	Working hours / Location (s)
Pre – Requisites	- Bachelor's Degree in Computer Science, Information Technology, Business Information Systems, Finance, Accounting, or a related discipline. - Minimum 5 years of experience in ERP support, business applications, finance systems, or related roles. - Knowledge of ERP Finance processes, including GL, AP, AR, Fixed Assets, Costing, and Cash Management. - Experience with ERP integrations, APIs, middleware, or interface support. - Familiarity with Infor LN, BaaN IV, Infor ION, API, and BOD integration technologies is an advantage. - Proficiency in Microsoft Excel and SQL for data analysis, troubleshooting, and reconciliation. - Strong analytical, problem-solving, and stakeholder management skills. - Effective communication skills with the ability to work across cross-functional and global teams.	5-day work week 259 Jalan Ahmad Ibrahim

Job Position	ERP Engineer (Finance & Interface)	Working hours / Location (s)
	• Experience in manufacturing environments and continuous improvement methodologies will be an added advantage.	
Key Responsibilities	• Purpose: To support and enhance ERP Finance and integration systems to ensure accurate financial transactions, reliable data flow, and efficient business operations. • The role partners with Finance, Operations, and IT stakeholders to resolve system issues, improve processes, and support digital transformation initiatives. <u>Key Area of Responsibilities:</u> • Support and maintain ERP Finance modules, including General Ledger, Accounts Payable, Accounts Receivable, Fixed Assets, Costing, and Cash Management. • Monitor ERP interfaces, APIs, and integrations to ensure accurate and timely data exchange between systems. • Investigate, troubleshoot, and resolve system, transaction, and interface-related issues to minimize business disruption. • Support month-end and year-end financial closing activities within the ERP system. • Participate in ERP enhancements, system upgrades, testing, and deployment activities. • Analyze business processes and recommend system improvements to increase efficiency, automation, and data accuracy. • Collaborate with business users, global ERP teams, and external vendors to deliver effective system solutions. • Develop and maintain system documentation, training materials, and user guides. • Provide user training and functional support to drive effective system adoption and compliance. • Ensure adherence to system governance, audit requirements, and company standards while driving continuous improvement initiatives.	
Job Position	Manufacturing Engineer (System Integration)	Working hours / Location (s)
Pre – Requisites	• Bachelor in Engineering (Mechanical, Mechatronics, Electrical, Precision or Industrial Engineering) or related field. • At least 3 years of experience as an engineer in the manufacturing assembly environment. • Lean Six Sigma Green certified is preferred. • Strategic, creative, and systemic thinking. • Excellent leadership and effective communication with all levels of associates and management.	• 5-day work week • 259 Jalan Ahmad Ibrahim
Key Responsibilities	• Purpose: Responsible for the complete end-to-end planning, direction, and coordination of all the manufacturing processes related to system integration for a specific project. • Together with the program team, the Manufacturing Engineer is to ensure that assembly can meet costs, quality, and delivery requirements. <u>Key Areas of Responsibilities:</u> • Design of production layout to enable production to fulfill build plan forecast or pre-defined production run rate.	

Job Position	Manufacturing Engineer (System Integration)	Working hours / Location (s)
	• Define requirements for assembly tools and equipment to support product realization and build plan. • Participate actively in PQP to ensure that risks are identified, and preventive actions defined and implemented. • Implement a certification program for assembly to ensure that assembly module leads are trained and certified to carry out specific assembly tasks. • Collaborate with the Process Engineer in the design of the assembly Kit Kart for issue of materials into the clean room and effective handling of materials inside the production area. • Lead in resolving technical problems faced by Assembly, and resolve internal and customer quality complaints. • Monitor assembly capacity of the program, and perform ramp assessment when required, to fulfill build plan system delivery. • Contribute to the system build progress meetings together with the program team to meet on-time delivery targets. • Evaluate assembly efficiency and implement improvements to achieve the calculated standard time. • Monitor all customer's consigned equipment to ensure all are inventoried, calibrated, and maintained regularly. • Identify and implement improvements to shorten production cycle time, improve overall production efficiency, improve quality performance, enhance safety or to boost sustainability. • Support and participate in company continuous improvement program.	
Job Position	Process Engineer (Parts Making & Fabrication)	Working hours / Location (s)
Pre – Requisites	• Degree in Mechanical, Precision Engineering, or other relevant disciplines. • Minimum 3 years of working experience in the precision machining industry is preferred. • Strong knowledge of manufacturing processes. • Knowledge of interpretation of engineering drawing. • Knowledge of designing tools (GD&T). • Problem Solving and Continuous Improvement.	• 5-day work week • 259 Jalan Ahmad Ibrahim
Key Responsibilities	• Purpose: Responsible for establishing process steps to produce in-house-made parts and meet customer expectations concerning quality, lead time, cost, and technological needs. • Process Engineer drives improvements in process methods to enhance performance and output. Key Area of Responsibilities: • Establish process steps to produce in-house-made parts and meet customer expectations in terms of quality, lead time, cost, and technological needs, without compromising health and safety. • Create process routing (work instructions) & BOM in ERP and prepare an Inspection Method Sheet (IMS)/checklist. • Read and interpret 2D drawing, 3D model and customer specifications on drawing. • Ensure process routing is ready for both the first article and volume production.	

Job Position	Process Engineer (Parts Making & Fabrication)	Working hours / Location (s)
	• Perform sustaining engineering work (documentation of the process, optimization of resources, support production team, resolving technical/quality issues). • Monitor process performance (quality, cost, lead time) and yield using tools (e.g. SPC). • Monitor First Article (FA) progress and resolve technical issues in a timely manner to ensure smooth production flow from FA to volume production. • Drive improvements to process methods to enhance performance and output. • Take accountability in leading special projects and processes, treating it like a specialist in the identified process assigned by a superior.	

Job Position	Process Engineering Manager (System Integration)	Working hours / Location (s)
Pre – Requisites	• Degree in Engineering (Mechanical, Mechatronics, Electrical, Precision or Industrial Engineering) • At least 10 years of experience in process management in the manufacturing assembly environment. • Strategic, creative, and systemic thinking • Experience in system setup • Experience in leading and mentoring a team will be a plus • Lean Six Sigma certification will be an advantage • QA 7 tools for Process Improvement	• 5-day work week • 259 Jalan Ahmad Ibrahim
Key Responsibilities	• Purpose: Managing and leading a team responsible for the design and implementation of manufacturing processes, equipment, or plants to ensure manufacturing excellence and meet customer demands and targets. • Being a Process Engineering Manager, having to strategize and map the technology roadmap to stay competitive. Ensuring the optimization of resources to increase productivity. He/she will expect to lead the team for continuous improvement. <u>Key Area of Responsibilities:</u> • Oversees process engineering efforts on cost savings opportunities, support for new products (NPI), and tracking expenses. • Ensure optimization and improvement of equipment and processes for long-term robustness and reliability. • Oversee the conceptual analysis of new capital projects while implementing engineering standards and best practices in project design. • Motivation and development of a world-class processing team. • Troubleshoot and lead to the repair of process equipment and systems as required. • Understand new processes and manufacturing methods. • Have good analytical skills to handle quality issues and meet customer quality expectations. • Participate in management team policies formulation and strategies of the factory. • People management, ensuring the team is fully equipped with the necessary skills and knowledge.	

Job Position	Procurement Lead (Materials Management)	Working hours / Location (s)
Pre – Requisites	• Bachelor's Degree in Supply Chain, Business, Engineering, or related field. • 5+ years of procurement or supply chain experience in a manufacturing environment. • Proven leadership experience in managing purchasing or procurement teams. • Strong knowledge of ERP/MRP systems and supplier management. • Ability to manage multiple projects and establish clear goals and accountabilities to ensure successful implementation of commodity strategies. • Skills in MS Office, especially Excel knowledge. • Ability to analyze and make sense out of data / dashboards. • Must have excellent people, presentation and communication skills. • Strong analytic and problem-solving skills with a persistent mind-set to solve difficulties.	• 5-day work week • 259 Jalan Ahmad Ibrahim
Key Responsibilities	• Purpose: Lead and manage the MMT Buyers team to ensure the timely, cost-effective, and ethical procurement of materials, components, and services that support production and customer delivery requirements. • Drive supplier performance, procurement excellence, risk management, and continuous improvement initiatives. <u>Key Area of Responsibilities:</u> • Lead, coach, and oversee MMT Buyers to achieve procurement and operational KPIs. • Develop and execute procurement plans to ensure material availability and on-time delivery. • Monitor purchase orders, supplier commitments, and material shortages to support production schedules. • Coordinate with Sales, Operations, Warehouse, Quality, and Finance to resolve material-related issues and ensure customer satisfaction. • Build and maintain strong supplier relationships through performance reviews, scorecards, and strategic initiatives. • Develop procurement strategies aligned with business goals, supply continuity, and cost optimization. • Establish policies and mitigation plans for supply risks and critical materials. • Ensure compliance with ISO standards, company policies, and ethical procurement practices. • Lead purchasing process improvements and continuous improvement initiatives. • Act as a buyer when required to support business continuity and delivery commitments.	

Job Position	Procurement Officer (Sub-Contracting)	Working hours / Location (s)
Pre – Requisites	• Bachelors' or Diploma in Engineering/Materials/Industrial Engineering or other relevant discipline. • Minimum 1 year of experience handling sub-contracting in manufacturing industry or equivalent. • Good problem-solving skills • Proficient in Microsoft Excel functions	• 5-day work week • 259 Jalan Ahmad Ibrahim

Job Position	Procurement Officer (Sub-Contracting)	Working hours / Location (s)
Key Responsibilities	• Purpose: Responsible for overseeing sub-contracting works such as obtaining supplies, materials, equipment or services within approved contractual tasks. • Perform purchase order management process to all PMD parts such as, issuing purchase orders, confirmation of delivery of supplies for purchased and returned parts, and processing payment to suppliers promptly, etc. to ensure parts/services needed by the company are delivered on time based on specific requirements. Key Area of Responsibilities: • Purchase and monitor the on-time delivery of materials, components and services to meet the factory's requirements on part and services deliverables. • Connect and interact with suppliers on the supplies logistics matter such as availability of parts, delivery date, lead time, mode of delivery etc. through conference calls, on-site meetings. • Ensure routine purchasing deliverables are communicated, maintained, escalated and settled amongst internal and external stakeholders on a timely manner. • Address outstanding Project Requirements Planning (PRP) and Change Control System (CCS) affecting project to meet program/business requirements. • Implement supplier agreements/contracts by working with cross-functional stakeholders and suppliers to enable tactical buying to meet business goals. • Review and discuss Liability Purchase Order (LPO), Supply Chain Order, Material Liability Agreement (MLA) buffer stock agreements with suppliers if there are discrepancies. • Manage supplier relationship to maintain and develop a win-win situation. • Evaluate supplier's performance in order to maintain a constructive supplier's database that aim to achieve business goals & needs. • Support and participate in company continuous improvement program.	

Job Position	Product Data Control (PDC) Engineer	Working hours / Location (s)
Pre – Requisites	• Diploma in Mechanical Engineering or relevant field. • Minimum 1 year of experience in product data management role in manufacturing industry. • Good communication skills. • Meticulous with details.	• 5-day work week • 259 Jalan Ahmad Ibrahim
Key Responsibilities	• Purpose: To create, control and manage changes to customer's Technical Product Data (TPD) packages (Items, Bill of Materials, Product specification documents) in the Product Lifecycle Management (PLM) and Enterprise Resource Planning (ERP) systems. • To deploy TPD changes to the relevant Persons-in-Charge (PICs) for execution.	

Job Position	Product Data Control (PDC) Engineer	Working hours / Location (s)
	Key Areas of Responsibilities: • Check the correctness and completeness of product package, such as Technical Product Data (TPD) and Bill of Materials (BOM) received from customers. • Work with the user of TPDs to define the new TPD requirement and update the ISO document (for new customers or any change in TPD requirement). • Maintain required customer items, BOM, and TPDs in PLM and ERP systems. • Create and control the item part number, BOM and TPD in the PLM and ERP systems. • Create projects in the ERP system for the fulfilment of customer Sales Order. • Implement Engineering Change Order (ECOs) and deploy the changes to the next inline PIC (such as planner, purchaser, process engineer and Sales & Program dept.). • Check and ensure all required information for the TPD (items, BOMs, documents) and/or configuration change are provided and approved by the customer. • Support and participate in company continuous improvement program.	

Job Position	Production Engineer (Precision Machining)	Working hours / Location (s)
Pre – Requisites	• Bachelor's in Engineering (Mechanical, Mechatronics, Electrical, Precision or Industrial Engineering). • Experience with Lean Manufacturing, automation, and process improvement. • Familiarity with manufacturing processes (machining, robotics, polishing, welding). • Knowledge of automation solutions and digital tools. • Knowledge of OEE metrics and data analysis. • Knowledge of safety protocols and regulations. • Experience with 8D problem-solving methodology and CAPA implementation. • Strong problem-solving and analytical skills. • Excellent communication and collaboration skills. • Ability to work in a fast-paced environment and prioritize tasks effectively. • Strong attention to detail and organizational skills. • Ability to lead and participate in improvement projects. • Continuous learning mindset and adaptability to new technologies and processes. • Knowledge of training development and delivery. • Experience with cross-functional collaboration and process improvement initiatives.	• 5-day work week • 259 Jalan Ahmad Ibrahim
Key Responsibilities	• Purpose: Responsible for optimizing production processes, ensuring quality control, and managing resources to meet production targets. • Responsible for collaborating with cross-functional teams to resolve technical issues, implement continuous improvement initiatives, and drive cost-saving measures.	

Job Position	Production Engineer (Precision Machining)	Working hours / Location (s)
	- Responsible for leading structured problem-solving initiatives, providing training and support to operators, and ensuring compliance with safety and environmental regulations. Key Area of Responsibilities: - Monitor production performance, track OEE metrics, and identify areas for improvement. - Optimize shop floor layout, material flow, and equipment relocation to improve efficiency, reduce waste, and enhance productivity. - Improve efficiency, reduce cycle times, and enhance product quality through process improvements and automation solutions. - Lead 8D projects, drive structured problem-solving initiatives, and implement corrective actions to resolve quality issues. - Track and manage consumable tools and non-capitalized equipment inventory levels, optimize inventory levels, and prevent stockouts. - Manage suppliers to ensure timely delivery and optimal pricing. - Ensure safety compliance, conduct regular safety audits, and address operator concerns. - Provide technical support to operators, resolve issues, and develop clear procedures. - Design and implement automated workflows, minimize human intervention, and ensure seamless machine operations. - Identify training needs, develop targeted training programs, and document training processes and outcomes. - Collaborate with cross-functional teams to solve complex production issues, drive process improvements, and share knowledge. - Plan and allocate resources to meet production targets, monitor performance, and identify bottlenecks. - Lead improvement projects, implement cost-reduction initiatives, and track savings. - Maintain accurate documentation of process changes, tooling updates, quality improvements, and operator feedback.	

Job Position	Production Engineer (System Integration)	Working hours / Location (s)
Pre – Requisites	- Bachelor's in engineering (Mechanical, Mechatronics, Electrical, Precision, or Industrial Engineering). - At least 3 years of experience as an engineer in the manufacturing assembly environment. - Good communication skills to perform mentoring and coaching to production staff. - Good knowledge of problem-solving methodology. - Ensure the safety standards and process safety management is duly followed.	5-day work week 259 Jalan Ahmad Ibrahim
Key Responsibilities	- Purpose: Responsible for supervising the production staff and enforcing health and safety regulations at work. - Ensure all production staff have adequate training to operate the equipment. - The role also must identify deficiencies to be improved in production.	

Job Position	Production Engineer (System Integration)	Working hours / Location (s)
	Key Area of Responsibilities: • Supervising the man and assembly process, ensuring quality work is done safely and efficiently. • Organize and motivate the mini companies to perform daily production activities. • Draw up training, and job rotation plans to develop manpower to be more flexible and competent and stimulate continuous productivity improvement. • Liaising with other Engineers to develop plans that improve productivity, in terms of costs and manpower required. • Monitor and improve production efficiency/output to ensure good productivity for individual mini company. • Support engineering/manufacturing teams, draw up safety protocols, report issues to the manager, and develop strategies to improve efficiency and profit. • Driving for root causes, corrective and preventive actions based on 8D methodology to resolve non-conformance issues in production • Conduct daily supervisor and production meetings to achieve delivery reliability. • Record and report on the department's activities and production results regularly in each productivity review meeting. • Manage consumables and non-capitalized equipment spending.	

Job Position	Program Manager	Working hours / Location (s)
Pre – Requisites	• Degree in Engineering or other relevant qualification. • Minimum 5 years of experience in project management in the manufacturing industry. • Professional Management Professional (PMP) certification is required • Good problem-solving skills • Meticulous in detail • Proficient in advanced Microsoft Excel functions • Good communication skills	• 5-day work week • 259 Jalan Ahmad Ibrahim
Key Responsibilities	• Purpose: To be the first point of contact for both customer and factory on technical and operational issues. • Responsible for leading the program team to resolve issues and constraints that will impact delivery schedule. Key Area of Responsibilities: • Communicate and align with customers and factory on the program delivery schedule. • Ensure closure for quality-related issues with factory and customer. • Review Engineering Change Order (ECO) changes and update the associate BOM to the latest revision. • Lead the program team to address order material shortages so that Production build can be on schedule. • Arrange shipments for Open Orders to meet customer needs. • Communicate End of Life (EOL) items to customers to finalize its replacement. • Support and participate in company continuous improvement program.	

Job Position	Quality Excellence Engineer	Working hours / Location (s)
Pre – Requisites	• Bachelor's degree in Engineering • Minimum 3 years of experience in quality, manufacturing, or process improvement • Knowledge of Lean Six Sigma / SPC / 8D / RCA tools • Strong analytical and problem-solving skills • Proficient in Excel (Minitab is a plus) • Good communication and teamwork skills Preferred: • Lean Six Sigma Green Belt certification • Experience in manufacturing or precision engineering environment	• 5-day work week • 259 Jalan Ahmad Ibrahim
Key Responsibilities	• Purpose: Quality Excellence Engineer to drive continuous improvement initiatives and support the deployment of quality strategies across operations • This role focuses on data-driven problem solving, process enhancement, and building a culture of quality excellence. Key Area of Responsibilities: • Execute quality improvement projects using Lean Six Sigma, SPC, and RCA tools • Analyze quality data, monitor KPIs and identify improvement opportunities • Conduct process assessments and support implementation of enhancements • Track and report quality performance and improvement actions • Support development and delivery of quality training programs • Ensure compliance with internal standards and industry requirements • Collaborate with cross-functional teams to drive quality initiative	

Job Position	Tooling Engineer	Working hours / Location (s)
Pre – Requisites	• Degree in Engineering (Mechanical, Mechatronics, Precision Engineering or relevant). • Experience with using different design software. • Good communication skills.	• 5-day work week • 259 Jalan Ahmad Ibrahim
Key Responsibilities	• Purpose: Responsible for designing, developing, and testing the cutting tools to support production according to customer supplied data and drawing specifications. • He/ She oversees the tool data management process and ensures seamless transition of tools from design stage to production. Key Area of Responsibilities: • Review customer (internal/external) supplied data and drawings to ensure that supplied information aligns with project requirements and standards. • Read and interpret 2D drawings, 3D models with/without PMI, process routing instructions, manuals, and specifications. • Identify cutting tools required for the manufacture of complex machine parts in the most efficient and safe machining process. • Support the machining process in ensuring that the cutting parameter will maximize cutting performance and directly affect the bottom-line profitability of the company.	

Job Position	Tooling Engineer	Working hours / Location (s)
	• Maintain and monitor tools data to ensure consistency and quality are within a standard. • Handle workshop feedback and troubleshoot problems relating to cutting tools and programming to ensure parts are produced according to customers drawings specifications. • Drive continual improvement on tool data management system.	

10. VisionPower Semiconductor Manufacturing

VisionPower Semiconductor Manufacturing Company Pte Ltd (VSMC) is a new joint-venture 300mm semiconductor wafer manufacturing facility to be built in Singapore. We are looking for committed, resilient and passionate talents to launch a promising future that power the next generation devices and systems. If you share the same passion to pursue excellence, join us to make an impact and be part of something special.

Job Position	Associate Engineer (Automated Materials Handling Systems)	Working hours / Location (s)
Pre – Requisites	• Possess a diploma in Electrical, Electronics, Mechanical, Mechatronics, Automation Engineering, or a related discipline. • Understand automated equipment, material-handling systems, or factory automation. • Demonstrate basic hardware maintenance and troubleshooting capabilities. • Follow technical procedures, safety requirements, and maintenance schedules. • Analyse equipment abnormalities and communicate issues clearly to vendors. • Work effectively with engineers, technicians, vendors, and production teams. • Respond promptly to system issues in a production-critical environment. • Be willing to work 12-hour rotating shifts.	• 5-day work week • 8am - 5pm • 2 Tampines Industrial Avenue 1
Key Responsibilities	• Perform AMHS hardware preventive maintenance according to established SOPs. • Monitor daily AMHS system, equipment, and tool performance. • Respond to system abnormalities and support timely operational recovery. • Coordinate with vendors to troubleshoot AMHS hardware and system issues. • Provide automation help-desk support during assigned duty periods. • Prepare regular system performance, maintenance, and incident reports. • Support AMHS improvement, testing, and automation projects. • Maintain accurate maintenance and troubleshooting records.	
Job Position	Business Intelligence Engineer	Working hours / Location (s)
Pre – Requisites	• Hold a degree in Computer Science, Information Systems, Data Analytics, Engineering, or a related discipline. • Demonstrate experience developing business intelligence reports, dashboards, and data visualizations • Possess proficiency in BI tools such as Power BI, Tableau, or equivalent platforms. • Apply strong SQL skills to extract, transform, validate, and analyses operational data. • Understand relational databases, data modelling, and reporting system architecture. • Develop and maintain dashboards for manufacturing or operational command centers • Monitor reporting, database, and data-analysis systems to ensure reliable performance. • Troubleshoot report discrepancies, data-quality issues, and system performance problems.	• 5-day work week • 8am - 5pm • 2 Tampines Industrial Avenue 1

Job Position	Business Intelligence Engineer	Working hours / Location (s)
	• Translate operational requirements into clear reporting and dashboard solutions. • Collaborate effectively with manufacturing, engineering, and IT stakeholders. • Communicate analytical findings clearly to technical and non-technical users. • Experience with semiconductor manufacturing or 12-inch wafer fabrication is advantageous.	
Key Responsibilities	1. Reporting Solution Development: • Design, develop & implement reporting solutions for business intelligence. • OCC (Operation Command Center) Dashboard Development: • Design, develop & implement dashboard for OCC for 12-inch fab. 2. Monitor & maintenance: • Monitor reporting, database, and data analysis systems. • Cross Function collaboration: Collaborate with production units (MFG & ENG) and IT to ensure reports meet standards and achieve objectives.	

Job Position	ECIM Engineer	Working hours / Location (s)
Pre – Requisites	• Bachelor's Degree in Computer Science • A highly motivated individual and can work in a team • Responsible and able to take ownership of tasks	• 5-day work week • 8am - 5pm • 2 Tampines Industrial Avenue 1
Key Responsibilities	• The incumbent should be able to do quality system development using C#, python, Delphi, Web programming such as java script, react/ angular/ Vue framework, etc. • Able to support quality management and able to work well in a team which may include integration, module, quality teams to achieve productivity, efficiency and quality excellence. • Must be responsible for sustaining ownership such as system operations.	

Job Position	Electrical Engineer	Working hours / Location (s)
Pre – Requisites	• Bachelor's degree in Electrical Engineering or related field • 300mm fab facility electrical system operating experience, especially 22~66 kV/ GIS/ Main Transformer & Emergency Generator Systems.	• 5-day work week • 8am - 5pm • 2 Tampines Industrial Avenue 1
Key Responsibilities	• Take charge of facility MEP package concept design and RFP Preparation for 300mm semi-conductor Fabrication plant. • Supervise and monitor EPC contractors or design consultants' design progress. • On-site management MEP package construction schedule and commissioning. • Evaluate electrical products and systems by designing testing methods • Test finished products and system capabilities • Keep necessary equipment operational • Contribute to team efforts by accomplishing related results	

Job Position	Engineer, Facilities (Mechanical)	Working hours / Location (s)
Pre – Requisites	• Hold a bachelor's degree in Mechanical Engineering or a related engineering discipline. • Possess experience operating mechanical systems within a 300mm semiconductor fabrication facility. • Understand exhaust, chiller, process cooling water, and cleanroom systems. • Interpret mechanical drawings, technical specifications, and system design documents. • Coordinate facility construction, testing, commissioning, and handover activities. • Use Microsoft Office, Microsoft Project, and AutoCAD proficiently. • Communicate clearly in written and spoken English. • Demonstrate strong analytical, troubleshooting, and project-coordination capabilities. • Collaborate effectively with contractors, consultants, and diverse internal teams. • Demonstrate initiative, accountability, adaptability, and continuous learning. • Perform effectively under pressure in a fast-paced project environment.	• 5-day work week • 8am - 5pm • 2 Tampines Industrial Avenue 1
Key Responsibilities	• Lead concept design for mechanical, electrical, and plumbing systems supporting a 300mm semiconductor fabrication plant. • Prepare technical specifications and Requests for Proposal for assigned facility packages. • Review and monitor design progress by EPC contractors and design consultants. • Manage on-site mechanical construction schedules and project activities. • Coordinate installation, testing, commissioning, and operational handover. • Support facility systems covering exhaust, chillers, process cooling water, and cleanrooms. • Resolve technical and construction issues with consultants, contractors, and operations teams. • Maintain project schedules, design records, progress reports, and technical documentation.	

Job Position	Engineer, Facilities (Electrical)	Working hours / Location (s)
Pre – Requisites	• Hold a bachelor's degree in Electrical and Electronics Engineering or a related discipline. • Possess experience operating electrical systems within a 300mm semiconductor fabrication facility. • Understand 22–66 kV electrical systems, gas-insulated switchgear, main transformers, and emergency generators. • Interpret electrical single-line diagrams, engineering drawings, and technical specifications. • Coordinate electrical construction, installation, testing, and commissioning activities. • Work effectively with EPC contractors, consultants, operations teams, and relevant stakeholders. • Use Microsoft Office, Microsoft Project, and AutoCAD proficiently.	• 5-day work week • 8am - 5pm • 2 Tampines Industrial Avenue 1

Job Position	Engineer, Facilities (Electrical)	Working hours / Location (s)
	• Demonstrate strong analytical, troubleshooting, and project-management capabilities. • Communicate effectively across functions and geographically diverse teams. • Demonstrate initiative, responsibility, resilience, and a continuous-learning mindset. • Perform effectively under pressure in a fast-paced construction environment.	
Key Responsibilities	• Lead concept design for electrical facility systems supporting a 300mm semiconductor fabrication plant. • Prepare technical specifications and Requests for Proposal for assigned facility packages. • Review and monitor design progress by EPC contractors and design consultants. • Manage on-site construction schedules for electrical and related MEP systems. • Coordinate system installation, testing, commissioning, and operational handover. • Support high-voltage distribution, gas-insulated switchgear, transformers, and emergency power systems. • Resolve technical, construction, and commissioning issues with project stakeholders. • Track design submissions, project milestones, risks, and contractors' deliverables.	

Job Position	Engineer, Facilities (Gas & Chemical)	Working hours / Location (s)
Pre – Requisites	• Hold a bachelor's degree in Chemical Engineering, Electrical Engineering, or a related engineering discipline. • Possess experience operating gas or chemical systems within a 300mm semiconductor fabrication facility. • Understand semiconductor bulk gas, specialty gas, and chemical distribution systems. • Interpret engineering drawings, technical specifications, and system design requirements. • Coordinate facility design, construction, installation, and commissioning activities. • Work effectively with EPC contractors, design consultants, and internal project teams. • Use Microsoft Office, Microsoft Project, and AutoCAD proficiently. • Demonstrate strong analytical, troubleshooting, and project-management capabilities. • Communicate effectively across functions and geographically diverse teams. • Demonstrate a proactive attitude, accountability, and strong project ownership. • Perform effectively under pressure in a dynamic construction environment.	• 5-day work week • 8am - 5pm • 2 Tampines Industrial Avenue 1
Key Responsibilities	• Lead concept design for gas and chemical facility systems supporting a 300mm semiconductor fabrication plant.	

Job Position	Engineer, Facilities (Gas & Chemical)	Working hours / Location (s)
	• Prepare technical specifications and Requests for Proposal for gas and chemical packages. • Review and monitor design progress by EPC contractors and design consultants. • Manage on-site construction schedules for assigned mechanical, electrical, and plumbing packages. • Coordinate system installation, testing, commissioning, and project handover. • Address design, construction, safety, and commissioning issues with relevant stakeholders. • Track project milestones, technical submissions, risks, and contractors' deliverables. • Collaborate with consultants, contractors, operations teams, and internal engineering functions.	

Job Position	Engineer, Facilities (Instrumentation & Control)	Working hours / Location (s)
Pre – Requisites	• Hold a bachelor's degree in Electrical Engineering, Electronics Engineering, Control Engineering, or a related discipline. • Possess at least five years of relevant facilities instrumentation and control experience. • Demonstrate experience with I&C systems within a 300mm semiconductor fabrication facility. • Understand industrial instrumentation, control architecture, system integration, and commissioning. • Interpret control diagrams, technical specifications, engineering drawings, and system documentation. • Manage facility construction projects involving contractors and design consultants. • Use Microsoft Office, Microsoft Project, and AutoCAD proficiently. • Demonstrate strong analytical, troubleshooting, and project-coordination capabilities. • Communicate effectively across functions and geographically diverse teams. • Perform effectively under pressure in a dynamic project environment. • Demonstrate adaptability, resilience, innovation, and continuous learning. • Experience working with Emerson Distributed Control Systems is preferred.	• 5-day work week • 8am - 5pm • 2 Tampines Industrial Avenue 1
Key Responsibilities	• Lead concept design for instrumentation and control systems supporting a 300mm semiconductor fabrication plant. • Prepare technical requirements and Requests for Proposal for I&C system packages. • Review and monitor design progress by I&C contractors and design consultants. • Manage on-site construction schedules, installation activities, and quality requirements. • Coordinate system integration, testing, commissioning, and operational handover. • Ensure I&C designs and implementations meet project requirements and timelines.	

Job Position	Engineer, Facilities (Instrumentation & Control)	Working hours / Location (s)
	• Resolve control-system, instrumentation, construction, and commissioning issues. • Maintain project schedules, progress reports, technical records, and system documentation.	

Job Position	Engineer, Facilities (Water)	Working hours / Location (s)
Pre – Requisites	• Hold a bachelor's degree in Chemical Engineering, Electrical Engineering, or a related STEM discipline. • Possess experience operating water-treatment systems within a 300mm semiconductor fabrication facility. • Understand ultrapure water, wastewater treatment, water recycling, and associated facility systems. • Interpret engineering drawings, technical specifications, and system design documentation. • Manage facility construction, installation, testing, and commissioning activities. • Use Microsoft Office, Microsoft Project, and AutoCAD proficiently. • Demonstrate strong analytical, troubleshooting, and project-coordination capabilities. • Communicate effectively across functions and geographically diverse teams. • Work collaboratively with contractors, consultants, and internal stakeholders. • Demonstrate ownership, adaptability, resilience, and continuous learning. • Perform effectively under pressure in a fast-paced project environment.	• 5-day work week • 8am - 5pm • 2 Tampines Industrial Avenue 1
Key Responsibilities	• Lead concept design for ultrapure water, wastewater treatment, and water-recycling systems supporting a 300mm semiconductor fabrication plant. • Prepare technical requirements and Requests for Proposal for facility water-treatment packages. • Review and monitor contractors' and design consultants' engineering progress. • Manage on-site water-treatment construction schedules and project activities. • Coordinate system installation, testing, commissioning, and operational handover. • Resolve technical, construction, and commissioning issues with project stakeholders. • Collaborate with contractors, consultants, operations teams, and geographically diverse stakeholders. • Maintain project schedules, design records, progress reports, and technical documentation.	

Job Position	Equipment Automation Engineer	Working hours / Location (s)
Pre – Requisites	• Proficiency in Oracle SQL • Familiarity in programming languages such as C/C++/C#, Java, HTML5, SQL, VBA.	• 5-day work week

Job Position	Equipment Automation Engineer	Working hours / Location (s)
	• Familiarity with SECS/GEM standards and protocols for equipment communication and automation. • Experience in semiconductor or panel manufacturing environments is highly desirable.	• 8am - 5pm • 2 Tampines Industrial Avenue 1
Key Responsibilities	• You will be responsible to design and maintain automation systems for semiconductor equipment to enhance efficiency and support data-driven decision-making. • Design, implement, and maintain automation systems for semiconductor equipment, focusing on enhancing operational efficiency and minimizing downtime • Collect, organize, and analyse production data to identify trends, optimize processes, and support decision-making in equipment automation and engineering. • Develop and maintain EA systems, including EAP, RMS, and ECS. • Manage and maintain Fab engineering systems, including FDC, SPC, and APC. • Work closely with end-users to define system requirements, design, implement, and deploy new features or enhancements. • Design and optimize system architecture for cross-department projects, ensuring integration and alignment with overall manufacturing goals.	

Job Position	Equipment Engineer (Etch, Photo, Thin Film, Diffusion)	Working hours / Location (s)
Pre – Requisites	• A bachelor's degree or higher in Electrical and Electronics Engineering, Chemical Engineering, Materials Science, Physics, or a related STEM field	• 5-day work week • 8am - 5pm • 2 Tampines Industrial Avenue 1
Key Responsibilities	• You will be responsible and focus on improving tool performance and availability, in charge if maintenance, diagnosing failures and implementing effective solutions to meet uptime and cycle time requirements in the respective modules: Etch (Dry Etch and Wet Etch); Photolithography; Diffusion; Chemical Mechanical Planarization (CMP); Chemical Vapor Deposition (CVD); or Physical Vapor Deposition.	

Job Position	Full Automated Excellence Engineer	Working hours / Location (s)
Pre – Requisites	• Possess a bachelor's degree in Computer Engineering or a related discipline. • Have relevant experience in semiconductor manufacturing, factory automation, production planning, manufacturing systems, or data analytics. • Understand Real-Time Dispatching (RTD), advanced production scheduling, and Manufacturing Execution System (MES) concepts. • Demonstrate experience developing, configuring, or optimizing dispatching rules for automated manufacturing operations. • Analyse production conditions and translate operational needs into effective system rules and automation requirements. • Apply strong analytical and problem-solving skills to investigate automation failures and conduct root cause analysis.	• 5-day work week • 8am - 5pm • 2 Tampines Industrial Avenue 1

Job Position	Full Automated Excellence Engineer	Working hours / Location (s)
Key Responsibilities	• Develop and optimize Real Time Dispatching rules to achieve Full Automation. • Act as a business and data analytics partner to manufacturing and IT teams. • Define, document, and prioritize business requirements related to RTD, advanced scheduling, and MES capabilities. • Perform root cause analysis on automation issues. • Support 24x7 fab operations, including night on-call / on-duty coverage, to ensure timely issue resolution. • Provide documentation and knowledge exchange within the team.	

Job Position	Industrial Engineer (Cost)	Working hours / Location (s)
Pre – Requisites	• Possess a bachelor's degree in Industrial Engineering or a related discipline. • Have at least three years of relevant manufacturing experience, preferably in semiconductors. • Apply lean manufacturing, Six Sigma, and process-improvement methodologies. • Conduct workflow analysis, time studies, and productivity assessments. • Analyse production, capacity, equipment, labour, and cost data. • Use Excel, Minitab, Power BI, or similar analytical tools proficiently. • Apply CAD software when reviewing production layouts and workflows. • Develop practical recommendations that improve efficiency and reduce waste. • Manage improvement projects and collaborate across multiple functions. • Demonstrate strong analytical, communication, and problem-solving capabilities. • Familiarity with MES, ERP, and automation technologies is advantageous.	• 5-day work week • 8am - 5pm • 2 Tampines Industrial Avenue 1
Key Responsibilities	• Analyse and improve production workflows, layouts, and material-handling systems. • Conduct time and motion studies to identify operational bottlenecks. • Develop lean manufacturing and continuous-improvement strategies. • Monitor manufacturing KPIs and recommend data-driven improvements. • Support capacity planning, equipment utilisation, and labour optimisation. • Lead cost-reduction and productivity-improvement initiatives. • Evaluate operational benefits and support capital investment projects. • Collaborate with R&D, Quality, Operations, and Engineering teams. • Support new product introductions and manufacturing process changes. • Ensure improvements meet safety, environmental, and quality standards.	

Job Position	IT Infrastructure Engineer	Working hours / Location (s)
Pre – Requisites	• Possess a degree in Computer Science, Information Technology, Computer Engineering, or a related discipline. • Have relevant experience designing and supporting enterprise IT infrastructure. • Demonstrate strong knowledge of servers, storage, networks, and virtualization • Administer Windows, Linux, Active Directory, DNS, DHCP, and Group Policies. • Support VMware, Hyper-V, or similar virtualisation technologies. • Understand backup, disaster recovery, access control, and patch management. • Diagnose and resolve complex hardware, software, network, and system issues. • Maintain secure, highly available, and reliable infrastructure environments. • Work independently while collaborating effectively with IT and business teams. • Produce clear technical documentation and change records. • Experience supporting manufacturing or business-critical infrastructure is advantageous.	• 5-day work week • 8am - 5pm • 2 Tampines Industrial Avenue 1
Key Responsibilities	• Design, deploy, and maintain server, storage, and network infrastructure. • Monitor system performance, capacity, availability, and reliability. • Manage VMware, Hyper-V, or equivalent virtualisation platforms. • Administer Windows and Linux server environments. • Manage Active Directory, DNS, DHCP, and Group Policy services. • Implement backup, restoration, and disaster-recovery solutions. • Troubleshoot hardware, software, operating-system, and network issues. • Strengthen system security through access controls, firewalls, and patching. • Support infrastructure upgrades, migrations, testing, and deployment. • Document system configurations, procedures, changes, and recovery processes.	

Job Position	IT Infrastructure Manager	Working hours / Location (s)
Pre – Requisites	• Bachelor's degree in Computer Science, Information Technology, Engineering, or a related discipline. • Minimum 10 years of progressive experience in IT infrastructure, systems engineering, network engineering, cloud operations, or related technical roles, including at least 3 years in a leadership or people management role. • Strong expertise in designing, implementing, and managing enterprise on-premises, cloud, and hybrid infrastructure, including Windows and Linux servers, virtualization, networking, storage, databases, backup, disaster recovery, and identity and access management. • Solid understanding of enterprise networking, cybersecurity, IT/OT network segmentation, business continuity, disaster recovery,	• 5-day work week • 8am - 5pm • 2 Tampines Industrial Avenue 1

Job Position	IT Infrastructure Manager	Working hours / Location (s)
	infrastructure monitoring, automation, and high-availability environments. • Experience with infrastructure planning, capacity management, technology lifecycle management, vendor management, budgeting, and infrastructure governance. • Experience supporting 24/7 manufacturing or mission-critical environments is highly preferred; semiconductor manufacturing experience, including MES and industrial/OT environments, is an advantage. • Relevant professional certifications (e.g., Microsoft, VMware, Cisco, AWS, ITIL, CISSP/CISM, Nutanix) are preferred.	
Key Responsibilities	• Lead the operation, maintenance, monitoring, and continuous improvement of enterprise IT infrastructure across on-premises, cloud, and hybrid environments. • Ensure high availability, performance, reliability, scalability, and operational resilience of infrastructure services. • Establish and maintain operational standards, procedures, and service-level objectives. • Lead, mentor, coach, and develop a multidisciplinary team comprising infrastructure engineers, system administrators, network engineers, database administrators, and IT technicians. • Manage resource planning, workload prioritization, performance management, and professional development. • Foster collaboration, technical excellence, accountability, and continuous improvement within the team. • Manage servers, virtualization, storage, networks, cloud services, databases, identity and access management, endpoint systems, backups, and disaster-recovery capabilities. • Drive infrastructure security through patch management, vulnerability remediation, system hardening, identity and access management, and network security controls. • Ensure effective IT/OT network segmentation and secure connectivity within manufacturing environments. • Lead incident management, root-cause analysis, problem management, and change management activities. • Develop and maintain business continuity and disaster recovery strategies, including regular DR testing and validation. • Implement proactive monitoring, alerting, automation, and capacity management to minimize downtime. • Develop and execute infrastructure technology roadmaps aligned with business and manufacturing requirements. • Lead infrastructure modernization initiatives, cloud adoption, automation, and technology refresh programs. • Manage infrastructure budgets, vendor relationships, licensing, hardware lifecycle, and support contracts. • Ensure compliance with corporate governance, cybersecurity policies, regulatory requirements, and industry best practices.	

Job Position	Manager, Facilities (Mechanical)	Working hours / Location (s)
Pre – Requisites	• Hold a bachelor's degree in Mechanical Engineering or a related engineering discipline.	

Job Position	Manager, Facilities (Mechanical)	Working hours / Location (s)
	• Possess at least 15 years of relevant facilities mechanical engineering experience. • Demonstrate extensive mechanical-system experience within a 300mm semiconductor fabrication facility. • Possess strong knowledge of exhaust, chiller, process cooling water, and cleanroom systems. • Lead mechanical facility design, construction, commissioning, operations, and maintenance. • Manage EPC contractors, design consultants, project risks, schedules, and quality requirements. • Interpret engineering drawings, technical specifications, and equipment documentation. • Use Microsoft Office, Microsoft Project, and AutoCAD proficiently. • Communicate clearly in written and spoken English. • Demonstrate strong leadership, people-management, and team-development capabilities. • Resolve complex technical and operational issues through structured analysis. • Collaborate effectively across functions and geographically diverse teams. • Perform effectively under pressure in a dynamic project and operational environment. • Demonstrate adaptability, resilience, innovation, accountability, and continuous learning.	• 5-day work week • 8am - 5pm • 2 Tampines Industrial Avenue 1
Key Responsibilities	• Lead concept design and RFP preparation for mechanical systems within a 300mm semiconductor fabrication facility. • Direct EPC contractors and design consultants throughout the facility design process. • Ensure mechanical designs comply with project requirements, standards, and timelines. • Manage on-site construction schedules, progress, quality, risks, and technical deliverables. • Oversee installation, testing, commissioning, and operational handover of mechanical systems. • Lead operation and maintenance activities for all mechanical facility systems after construction. • Optimise system performance, reliability, energy efficiency, and lifecycle effectiveness. • Provide technical leadership for exhaust, chiller, process cooling water, and cleanroom systems. • Resolve complex design, construction, operations, and maintenance issues. • Lead and develop engineering teams to achieve project and operational milestones.	

Job Position	Module Associate Engineer	Working hours / Location (s)
Pre – Requisites	• Education Qualification & Essential Experiences: Diploma's or higher degree in Electrical and Electronics Engineering, Mechanical Engineering or STEM related fields • Experience in a 12" (300mm) fab environment is highly preferred.	• 5-day work week • 8am - 5pm

Job Position	Module Associate Engineer	Working hours / Location (s)
	<u>Key Skills and Attributes:</u> • Strong problem-solving ability, hands-on technical aptitude, and willingness to work shifts. • Good interpersonal and communication skills to work effectively across functions and geographical teams with diverse background • Goal driven and an excellent team player that can work under pressure in a dynamic and fast-paced environment • Has a growth mindset, prioritizing adaptability, resilience, innovation, and ongoing learning to support business needs • VSMC promotes diversity and inclusivity in our workforce; and hiring will be conducted in phases.	• 2 Tampines Industrial Avenue 1
Key Responsibilities	• You will be responsible and focused on improving tool performance and availability, in charge of maintenance, diagnosing failures and implementing effective solutions to meet uptime and cycle time requirements in the specific module (Diffusion, Etch (Dry & WET), Photolithography, Metrology, Physical Vapor Deposition, Thin Film - Chemical Vapor Deposition or Chemical Mechanical Planarization). <u>Key Responsibilities:</u> • Handle on-duty tasks and conduct fundamental alarm troubleshooting; identify root cause and problem-solve critical equipment issues with urgency. • Execute tool handovers and maintenance reporting per cleanroom standards. • Operate and maintain tools, collaborate with engineering teams to improve tool performance and availability. • Manage spare part inventory and coordinate with vendors or contractors for parts replacement and technical support. • Perform preventive and corrective maintenance on advanced 300mm semiconductor tools for specific module process. • Operate under rotating shifts (day/night), including weekends and holidays, in a 24/7 fab environment.	
Job Position	Payroll Specialist	Working hours / Location (s)
Pre – Requisites	• Bachelor's degree in Human Resources, Business Administration, Accounting, Finance, or a related discipline, with a minimum of three (3) years of relevant experience in payroll, C&B, HR operations, or a related HR function. • Hands-on experience in Singapore payroll processing, with a good understanding of local employment legislation and statutory requirements. • Experience in the semiconductor, manufacturing, or similar industrial environment will be an advantage. • Strong analytical and problem-solving skills, with a keen eye for detail and a commitment to accuracy. • Proficient in Microsoft Office, particularly Excel; experience with SAP SuccessFactors or other HRIS/payroll systems will be an advantage. • Strong organizational and time-management skills, with the ability to manage multiple priorities and meet critical payroll deadlines.	• 5-day work week • 8am - 5pm • 2 Tampines Industrial Avenue 1

Job Position	Payroll Specialist	Working hours / Location (s)
	• Strong communication and interpersonal skills, with the ability to build effective relationships and work collaboratively with stakeholders across all levels. • Proactive, adaptable, and solutions-oriented, with a growth mindset and willingness to learn and embrace new challenges. • Demonstrates a high level of integrity and discretion when handling sensitive and confidential employee information. • IHRP certification will be an advantage.	
Key Responsibilities	• We are looking for a Payroll Specialist / Senior Specialist who takes pride in getting the details right and is passionate about delivering smooth and reliable payroll experience for employees. • You will play an important role in managing the end-to-end payroll process, ensuring timely and accurate salary payments, statutory compliance, and high standards of data integrity. • Working closely with HR and Finance, you will also have the opportunity to improve payroll processes and drive greater efficiency across payroll operations. Key responsibilities: • Own and manage the end-to-end payroll process, ensuring accurate and timely payroll computation, salary payments, and bank file submissions. • Ensure payroll data is accurate and up to date, including employee salaries, deductions, benefits, bank details, attendance, and other payroll inputs. • Act as a key point of contact for payroll matters, investigating and resolving payroll queries and discrepancies promptly and effectively. • Ensure compliance with Singapore payroll legislation and statutory requirements, including CPF submissions and refunds, NS claims, and government-paid leave claims. • Prepare payroll reports and support audits, ensuring strong data accuracy, integrity, confidentiality, and internal controls. • Partner closely with HR and Finance to ensure seamless payroll operations and effective resolution of payroll-related matters. • Identify opportunities to streamline workflows, strengthen controls, and improve payroll processes to enhance efficiency and employee experience. • Stay abreast of changes in payroll legislation and proactively implement necessary updates to payroll processes and practices. • Support payroll-related projects and continuous improvement initiatives, as well as other HR activities where required. • Perform other duties and responsibilities as assigned.	

Job Position	Process Engineer (Etch, Photo, Thin Film, Diffusion)	Working hours / Location (s)
Pre – Requisites	• Bachelor's or higher degree in Electrical and Electronics Engineering, Chemical Engineering, Material Science, Physics or STEM related fields	• 5-day work week • 8am - 5pm
Key Responsibilities	• You will be responsible for delivering robust and efficient semiconductor manufacturing process with data driven analytics and systemic problem-solving skills in the respective modules: Etch (Dry Etch and Wet Etch); Photolithography; Diffusion; Chemical	• 2 Tampines Industrial Avenue 1

Job Position	Process Engineer (Etch, Photo, Thin Film, Diffusion)	Working hours / Location (s)
	Mechanical Planarization (CMP); Chemical Vapor Deposition (CVD) or Physical Vapor Deposition (PVD)	

Job Position	Process Integration Engineer	Working hours / Location (s)
Pre – Requisites	• Possess a degree in Electrical Engineering, Electronics Engineering, Chemical Engineering, Materials Science, Physics, or related discipline. • Understand semiconductor fabrication processes and process-integration principles. • Analyse process parameters, product abnormalities, failure data, and yield trends. • Apply failure-analysis and root-cause-analysis techniques effectively. • Use Statistical Process Control to monitor and improve process stability. • Resolve daily production and process-integration issues promptly. • Interpret complex manufacturing data and recommend corrective actions. • Communicate technical findings clearly through reports and presentations. • Collaborate effectively with internal teams and external partners. • Demonstrate strong analytical, problem-solving, and organisational capabilities. • Relevant semiconductor manufacturing or process-engineering experience is advantageous.	• 5-day work week • 8am - 5pm • 2 Tampines Industrial Avenue 1
Key Responsibilities	• Perform failure analysis on new and mass-produced semiconductor products. • Investigate yield losses and identify process-related root causes. • Develop and implement actions that improve product yield and reliability. • Monitor daily production processes and maintain stable operations. • Resolve process-integration issues affecting manufacturing performance. • Monitor critical production parameters and abnormal process trends. • Analyse product abnormalities using manufacturing and engineering data. • Maintain and improve Statistical Process Control methodologies. • Coordinate issue resolution across engineering and production teams. • Document investigations, technical findings, and improvement results.	

Job Position	Senior HR Specialist, Compensation & Benefits	Working hours / Location (s)
Pre – Requisites	• Bachelor's degree in HR, Business Administration, or a related discipline. • Minimum three (3) years of relevant experience in C&B, Total Rewards, or a related HR function. • Experience within the semiconductor, manufacturing or a similar industrial environment will be an advantage.	• 5-day work week • 8am - 5pm

Job Position	Senior HR Specialist, Compensation & Benefits	Working hours / Location (s)
	• Sound knowledge of C&B principles, including salary benchmarking, market pricing, job evaluation, salary structures, annual salary reviews, bonus and incentive administration, and employee benefits. • Working knowledge of Singapore employment legislation, statutory requirements, and HR best practices. • Strong analytical and problem-solving skills, with excellent attention to detail and the ability to manage and analyze HR and compensation data accurately. • Proficient in Microsoft Office applications, particularly Excel and PowerPoint. • Experience with SAP SuccessFactors is preferred. • IHRP certification will be an advantage. • Strong communication and interpersonal skills, with the ability to build effective working relationships across all levels of the organization and with external stakeholders. • Self-motivated, proactive, and adaptable, with a strong willingness to learn and take on new challenges. • Able to work independently while collaborating effectively within a team in a dynamic and fast-paced environment.	• 2 Tampines Industrial Avenue 1
Key Responsibilities	• We are seeking a proactive and analytical HR Specialist / Senior Specialist, Compensation & Benefits to support the design, administration and continuous improvement of our compensation and benefits program. • This role plays a key part in ensuring our reward practices remain competitive, equitable and compliant with applicable employment legislation, while supporting business objectives and enhancing the employee experience. Key responsibilities: • Maintain and administer compensation and benefits (C&B) policies, programs, and processes, ensuring alignment with company guidelines, business needs, employment legislation and regulatory requirements. • Maintain accurate C&B data within HR systems, perform regular data validation and reconciliation, and prepare recurring and ad hoc reports and analyses to support management decision-making, budgeting and workforce planning. • Coordinate job analysis, job evaluation and job grading activities, and maintain salary structure and job evaluation records. • Coordinate and execute the annual salary review, bonus, and incentive processes, including data preparation, validation, analysis, calculations and stakeholder coordination to ensure timely and accurate implementation. • Conduct salary and benefits benchmarking, market pricing and compensation analyses to support competitive and internally equitable pay practices, including participation in salary surveys and the preparation of salary proposals. • Administer employee benefits program and liaise with employees, managers, HR colleagues and external vendors to ensure the accurate and timely delivery of benefits. • Provide day-to-day advisory support on C&B matters to employees, managers, and HR colleagues, ensuring timely resolution of enquiries.	

Job Position	Senior HR Specialist, Compensation & Benefits	Working hours / Location (s)
	• Identify opportunities to enhance C&B processes, systems, and controls, and contribute to continuous improvement initiatives that strengthen operational efficiency and employee experience. • Perform any other duties and responsibilities as assigned.	

Job Position	Yield Defect Associate Engineer	Working hours / Location (s)
Pre – Requisites	• Possess a diploma in Electrical and Electronics Engineering, Chemical Engineering, Materials Science, Physics, or a related STEM discipline. • Have at least two years of relevant experience in a high-volume advanced manufacturing fab. • Demonstrate experience using KLA brightfield, darkfield, or defect-metrology tools. • Analyse defect scan data and identify abnormal defect conditions. • Understand inline inspection, defect classification, and yield-monitoring processes. • Interpret findings from inspection and metrology equipment accurately. • Prioritise work-in-progress according to changing production conditions. • Communicate and escalate defect issues clearly and promptly. • Collaborate effectively with engineers, technicians, and geographically diverse teams. • Work effectively under pressure in a dynamic manufacturing environment. • Demonstrate adaptability, resilience, curiosity, and continuous learning.	• 5-day work week • 8am - 5pm • 2 Tampines Industrial Avenue 1
Key Responsibilities	• Monitor production processes for abnormal inline defect conditions. • Analyse defect scan data and identify emerging defect trends. • Coordinate corrective actions for abnormal defect conditions. • Operate inspection and metrology tools for defect evaluation. • Review data from KLA BBP and KLA Laser Scan systems. • Analyse results from AMAT eBeam, SemV, and EDX tools. • Maintain accurate and consistent defect classifications. • Collaborate with process engineers, shift engineers, and technicians. • Support manufacturing-line stability, product quality, and production yield. • Assist Yield Engineers in identifying yield-limiting defect sources. • Conduct defect-source analysis and issue defect notifications. • Manage work-in-progress according to changing production priorities. • Escalate significant abnormalities for timely investigation. • Prepare shift reports and maintain accurate monitoring records.	

Job Position	Yield Defect Engineer	Working hours / Location (s)
Pre – Requisites	• Possess a bachelor's degree or higher in Electrical and Electronics Engineering, Chemical Engineering, Materials Science, Physics, or a related STEM discipline. • Have at least four years of relevant experience in a high-volume advanced manufacturing fab.	• 5-day work week • 8am - 5pm

Job Position	Yield Defect Engineer	Working hours / Location (s)
	• Demonstrate hands-on experience with KLA brightfield, darkfield, eBeam or eScan, and defect-metrology tools. • Apply inspection tools to identify defect sources and protect production yield. • Create inspection recipes for brightfield, darkfield, or related defect-inspection platforms. • Use Statistical Process Control and experimental methods to resolve complex problems. • Analyse complex datasets and translate findings into effective improvement actions. • Develop defect-source and tool-fingerprint libraries for troubleshooting. • Lead defect-reduction projects involving multiple engineering functions and suppliers. • Train and guide Associate Engineers in daily monitoring activities. • Communicate effectively with customers and geographically diverse teams. • Work effectively under pressure in a dynamic manufacturing environment. • Experience applying machine learning or AI to automated defect classification is preferred. • Proficiency in Power BI or similar data-intelligence tools is preferred. • Demonstrate adaptability, resilience, innovation, and continuous learning.	• 2 Tampines Industrial Avenue 1
Key Responsibilities	• Install, qualify, and sustain inline inspection and defect-metrology equipment. • Monitor inline defect performance and end-of-line production yield. • Identify yield-limiting defect sources across assigned technologies and modules. • Develop and execute defect-reduction and yield-improvement roadmaps. • Apply Statistical Process Control to prevent defect-related excursions. • Design experiments and analyse complex manufacturing datasets. • Collaborate with integration, module engineering, equipment, and supplier teams. • Create and optimise recipes for defect-inspection tools. • Build defect-source and equipment-fingerprint libraries for troubleshooting. • Develop automated defect-classification applications using analytics or AI. • Lead and train Associate Engineers performing routine inline monitoring. • Engage customers to report performance indicators and drive improvements. • Enhance inspection workflows, manufacturing practices, and automation.	

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