

## Engineer, Cybersecurity

Jurong Island

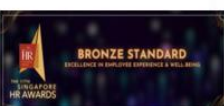
### Responsibilities:

#### Cybersecurity & Risk Management

- Support the development, implementation, and continuous enhancement of the organisation's cyber defence strategy and capabilities.
- Develop, implement, and maintain cybersecurity policies, standards, procedures, and operational guidelines to support a strong and resilient security posture.
- Lead and participate in ISO 27001 audits, cybersecurity audits, cyber exercises, risk assessments and a full range of assessment activities.
- Monitor, analyse, and identify cybersecurity threats, security events, and anomalous activities through continuous security monitoring, threat intelligence, and detection capabilities to enable timely threat detection and escalation.
- Manage and coordinate the response to cybersecurity incidents, vulnerabilities, and cyber-physical security issues, ensuring timely analysis, containment, remediation and implementation of corrective measures.
- Drive organisational compliance with cybersecurity regulations, industry standards, and regulatory requirements, while actively engaging with relevant government agencies, regulators, and external stakeholders to support cybersecurity governance and security objectives.

#### Asset Reliability & Life Cycle Management

- Plan, review and execute cybersecurity lifecycle management programmes for OT/ICS, network, server, workstation and security infrastructure assets in accordance with regulatory requirements, cybersecurity standards, OEM recommendations and industry best practices.



- Develop and manage cybersecurity asset inventories, software licensing, patch management and hardware refresh strategies to ensure system availability, security compliance and lifecycle sustainability.
- Maintain and periodically review cybersecurity related asset registers, technical documentation, standard operating procedures, disaster recovery documentation and audit reports
- Provide technical expertise and cybersecurity support to Operations, and Maintenance teams to ensure the secure, reliable and resilient operation of plant OT and ICS
- Assess and manage cybersecurity risks associated with asset obsolescence, unsupported software, legacy control systems and end-of-life infrastructure and develop mitigation or replacement plans.

#### Stakeholder Engagement & Knowledge Sharing

- Collaborate closely with cross-functional teams and/or external vendors.
- Deliver technical guidance, training, and knowledge-sharing sessions to enhance cybersecurity awareness and competencies across the organisation.
- Support continuous improvement initiatives and contribute to the development of a strong cybersecurity culture.

#### Requirements:

##### Qualifications & Experience

- Degree in Cybersecurity, Information Technology, Computer Science, Engineering, or a related discipline, preferably recognised by the Professional Engineers Board (PEB), Singapore.
- Minimum 3–5 years of relevant experience in the domain of cybersecurity, industrial control systems, operational technology (OT), or a related engineering environment.



- Professional cybersecurity certifications will be viewed favourably.
- Singapore Citizen or Singapore Permanent Resident.

#### Technical Competencies

- Strong working knowledge of Distributed Control Systems (DCS), Intrusion Detection Systems, Security Information and Events Management solutions and cybersecurity technologies within industrial or critical infrastructure environments will be highly advantageous.
- Demonstrated knowledge of systems administration, network infrastructure, and cybersecurity fundamentals, including the implementation of security controls, system hardening, and network protection measures.
- Working experience with cybersecurity frameworks, vulnerability management, cybersecurity-related assessments, and cyber best practices.

#### Personal Attributes

- Strong analytical mindset with excellent problem-solving and troubleshooting capabilities.
- Ability to work independently while effectively managing multiple priorities in a fast-paced environment.
- Strong interpersonal, communication, report-writing, and presentation skills, with the ability to engage stakeholders across all levels of the organisation.
- A collaborative team player with a commitment to continuous learning and professional development.





**Others:**

- Working location in Jurong Island.
- Scheduled company transport is provided, to/from Jurong East MRT

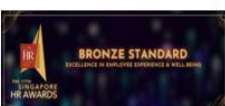
**Interested applicants are kindly requested to submit their applications via the link provided, as this will facilitate and expedite the shortlisting process.**

<https://hiring.pacificlight.com.sg//SolutionPro/Recruit/JobDetail/Page?jobno=aa59ef11-6028-4f72-b00f-4b974629b466&c=PLP>



**(All applications will be treated in strictest confidence. We regret that only shortlisted candidates will be notified)**

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