## TSC Category
Engineering Construction, Operations and Maintenance

## TSC
Facility Maintenance

## TSC Description
Manage facility system maintenance activities for uninterrupted business operations

<table>
<thead>
<tr>
<th>TSC Proficiency Description</th>
<th>Level 1</th>
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<th>Level 6</th>
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<td>Perform routine maintenance of facilities</td>
<td>Oversee facility maintenance activities</td>
<td>Provide technical expertise to optimise day-to-day operations, maintenance and troubleshooting of the facility systems</td>
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### Knowledge
- Types of facility distribution systems and networks
- Internal distribution systems and network maintenance
- Types of warning devices and fault indicators
- Fault diagnostic procedures
- Facility testing procedures
- Health, Safety and Environment (HSE) practices related to maintenance procedures
- Maintenance recording procedures
- Types, functionality and operating parameters of different facility systems
- Maintenance procedures for facility systems
- Principles of mechanical, electrical, civil, and instrumentation and control systems
- Principles of mechanical, electrical, civil, and instrumentation and control engineering
- Health, Safety and Environment policies, procedures and regulations
- Types of distribution systems and networks
- Distribution systems and networks maintenance
- Types of performance metrics and monitoring parameters
- Incident escalation procedures
- Troubleshooting techniques
- End-to-end processes in engineering services

### Abilities
- Perform daily operational checks and inspections on distribution systems and networks
- Interpret fault codes from alarm panels to identify faults
- Rectify faults using correct techniques, procedures, tools and equipment
- Adhere to relevant HSE risk control measures when conducting maintenance works
- Identify facility systems functions in business processes
- Manage day-to-day operations and maintenance of distribution systems and networks
- Conduct large-scale facility-wide maintenance activities
- Ensure maintenance works are conducted in compliance with Health, Safety and Environment
- Verify distribution systems and networks performance
- Analyse facility systems performance in accordance with specifications
- Identify improvements to enhance the effectiveness of facility systems
- Determine appropriate maintenance procedures that will enhance facility system performance

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|   |   | • Report facility system maintenance activities according to workplace reporting requirements | policies, procedures and regulations | • Outline standard quality and safety procedures to adhere to during maintenance works |   |   |