### TSC Category: Engineering and Maintenance

#### TSC: Facility Maintenance

**TSC Description**: Manage facility system maintenance activities to manufacturing and business operations

<table>
<thead>
<tr>
<th>TSC Proficiency Description</th>
<th>Level 1</th>
<th>Level 2</th>
<th>Level 3</th>
<th>Level 4</th>
<th>Level 5</th>
<th>Level 6</th>
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<tbody>
<tr>
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<td>BPM-ENM-2008-1.1</td>
<td>BPM-ENM-3008-1.1</td>
<td>BPM-ENM-4008-1.1</td>
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<tr>
<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
- Manufacturing plant internal distribution systems and network maintenance
- Types of warning devices and fault indicators
- Fault diagnostic procedures
- 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, hydraulic and electrical systems
- Principles of mechanical engineering
- 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 biopharmaceuticals manufacturing processes

#### 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
- Identify facility systems functions in the manufacturing processes
- Manage day-to-day operations, and maintenance of plant distribution systems and networks
- Conduct large-scale and facility-wide maintenance activities
- 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
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- Report facility system maintenance activities according to workplace reporting requirements.
- Ensure maintenance works are conducted in compliance with Health, Safety and Environment policies, procedures and regulations that will enhance facility system performance.
- Outline standard quality and safety procedures to adhere to during maintenance works.