## SKILLS FRAMEWORK FOR ELECTRONICS
### TECHNICAL SKILLS & COMPETENCIES (TSC) REFERENCE DOCUMENT

<table>
<thead>
<tr>
<th>TSC Category</th>
<th>Network Technology Management</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSC</td>
<td>Internet of Things Management</td>
</tr>
<tr>
<td>Description</td>
<td>Interrelate computing devices, equipment and machines' data in a networked environment to provide specific solutions</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Level 1</th>
<th>Level 2</th>
<th>Level 3</th>
<th>Level 4</th>
<th>Level 5</th>
<th>Level 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELE-SYS-2001-1.1</td>
<td>ELE-SYS-3001-1.1</td>
<td>ELE-SYS-4001-1.1</td>
<td>ELE-SYS-5001-1.1</td>
<td>ELE-SYS-6001-1.1</td>
<td></td>
</tr>
</tbody>
</table>

### TSC Proficiency Description

#### Knowledge
- Knowledge basic virtual and/or digital database works
- Internet of Things (IoT) systems interface
- Data analytics for operating the robotics through system connections
- Big data dashboard for task optimisation
- Industry 5S approach in integration using IoT

#### Abilities
- Operate the automated tools and information
- Utilise the system information integration
- Interpret the control room and dashboard information
- Interpret robotics and network information to despatch the task
- Perform tasks to interact with the IoT in an automated plant

---

©SkillsFuture Singapore
Effective date: September 2017, Version 1.1