

**Functional Area: Network Infrastructure & Operation (Implementation)**

1. Title	Perform inspection/commissioning/acceptance of network equipment in accordance with required standards
2. Code	ITCSNO411A
3. Range	Network provisioning requires many network components or equipment. These components or network equipment are required to follow certain specification or standards. This UoC defines the competencies for performing inspection/commissioning/acceptance of network equipment in accordance with required standards which may be organisational, regulatory or international standards
4. Level	4
5. Credit	4
6. Competency	<p style="text-align: center;"><u>Performance Requirement</u></p> <p>6.1 Possess the knowledge in the subject area</p> <ul style="list-style-type: none"> <li>• Possess extensive knowledge of the features related to the equipment that are being provisioned and refer to operational manuals, if and when needed</li> <li>• Experienced with the organisation's quality requirements for network equipment</li> <li>• Possess extensive knowledge of quality control (QC) and quality assurance (QA) methodologies and techniques</li> <li>• Able to use and operate testing tools which may be hardware and/or software tools</li> <li>• Extensively experienced with evaluating and analysing quality test results and formulating recommendations</li> <li>• Comprehend health and safety rules and hazards relating to the equipment being evaluated/tested/inspected or the tools used during testing</li> </ul> <p>6.2 Perform inspection/commissioning/acceptance of network equipment in accordance with required standards</p> <p>Be able to:</p> <ul style="list-style-type: none"> <li>• Identify the equipment to be tested/evaluated/validated and determine if an organisation guideline/standard/procedure exists. If not, then initiate a formulation procedure for creating a new standard/guideline/procedure for validating of the concerned network component or equipment</li> <li>• Locate and acquire the appropriate check list to perform the validation</li> <li>• Systematically follow the procedures or guidelines of the checklist to perform the required test/evaluation/inspection to determine whether the concerned network equipment conformed to the standard</li> <li>• Prepare setup of testing or evaluation environment, where necessary, and perform the required tests or inspections</li> <li>• Analyse the results after completing the tests/inspections and determine whether the network equipment conform to the required standards</li> <li>• Complete the necessary documentations such as reporting on the evaluation/testing/inspection procedures and results</li> <li>• File and submit the report with recommendations to internal departments and appropriate stakeholders</li> </ul> <p>6.3 Exhibit professionalism</p> <ul style="list-style-type: none"> <li>• Ensure all documentations are created to the required quality and standard of the organisation</li> <li>• Include consideration in safety in the creation of testing environment and during testing</li> <li>• Always take into consideration and strike a proper balance among all related parties</li> </ul>
7. Assessment Criteria	The integrated outcome requirements of this UoC are the abilities to: <ol style="list-style-type: none"> <li>i. identify and locate network equipment with validation check list</li> <li>ii. perform the validation effectively</li> <li>iii. document and make recommendations to stakeholders</li> </ol>
Remark	