MSS402062 Use SCADA systems in operations

Release: 1

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Modification History

Release1. Unit code changed. Application changed. Performance Criteria changed. Foundation Skills populated. Range of Conditions removed. Assessment Requirements changed. Supersedes and is equivalent to MSS402061 Use SCADA systems in operations.

Application

This unit describes the skills and knowledge required to obtain and use information from a Supervisory Control and Data Acquisition (SCADA) or SCADA type system.

This unit applies to an individual who is required to access the SCADA type system as part of their routine work and take action, in accordance with procedures, based on information they obtain from the system.

This unit applies to any organisation that uses a SCADA or similar system.

No licensing or certification requirements exist at the time of publication. Relevant legislation, industry standards and codes of practice within Australia must be applied.

Pre-requisite Unit

Nil

Competency Field

Competitive systems and practices

Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Use operator interface	1.1 Identify SCADA terminals relevant to own workstation and functions
	1.2 Use keyboards, track ball, monitor and/or stand-alone controllers to access or interrogate system
	1.3 Use correct level of access and find all relevant screens and information
	1.4 Access message section and acknowledge messages
	1.5 Input and output information according to program and organisation requirements

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
2. Use information	2.1 Obtain data and information from SCADA including process, supply and product chain data 2.2 Interpret data and information as required by own job 2.3 Find and use relevant historical data and information 2.4 Use manufacturer manuals or specifications to expand knowledge of SCADA system relevant to own work 2.5 Determine and prioritise required actions
3. Make required changes in accordance with procedures	3.1 Adjust production and/or process in response to SCADA information 3.2 Record adjustments and variations to specifications and/or schedules and report to appropriate personnel 3.3 Seek feedback and information on adjustments to further improve procedures, where required

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

- Reading skills to recognise information from SCADA type system, communicate through system's messaging, read instructions and manuals
- Writing skills to communicate using system's messaging and record adjustments and variations
- Oral communication skills to report variations and adjustments and seek feedback
- Numeracy skills to understand information from SCADA type system and how it relates to own work
- Learning skills to expand own knowledge of SCADA type system.

Other foundation skills essential to performance are explicit in the performance criteria of this unit.

Unit Mapping Information

Release 1. Supersedes and is equivalent to MSS402061 Use SCADA systems in operations.

Links

Companion Volume Implementation Guides are found in VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=5b04f318-804f-4dc0-9463-c3fb9a3fe998