



Australian Government

RIIPRO203D Operate programmable logic control systems

Release: 2

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Modification History

Release	Comment
1	This unit replaces RIIPRO203A Operate programmable logic control systems
2	Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm.

Application

This unit develops a participant's skills and knowledge required to operate programmable logic control (PLC) systems in Extractive.

This unit is appropriate for those working in operational roles.

No licensing, legislative or certification requirements apply to this unit at the time of publication

Unit Sector

Extractive

Elements and Performance Criteria

1. Prepare for programmable logic control systems operations	1.1 Access, interpret and apply programmable logic control systems documentation and ensure the work activity is compliant 1.2 Obtain, read, interpret, clarify and confirm work requirements 1.3 Identify and apply the functions of the PLC to the activity 1.4 Conduct equipment/plant walk around 1.5 Identify and locate the plant's equipment by name, number/code and function 1.6 Obtain and interpret emergency procedures, and be prepared for fire/accident/emergency
2. Monitor and control operations	2.1 Carry out pre-start, start-up and shutdown of the plant completely or partially in the sequence necessary to avoid plant or

	equipment damage or injury to personnel
	2.2 Monitor and control operations within the equipment limitations, maintaining plant efficiency and effectiveness
	2.3 Act on or report monitoring systems and alarms
	2.4 Complete the work plan
	2.5 Maintain, process and pass on records and reports

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit. Further information is available in the Resources and Infrastructure Industry Training Package Companion Volume.

Unit Mapping Information

RIIPRO203A Operate programmable logic control systems

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=88a61002-9a21-4386-aaf8-69c76e675272>