



Australian Government

RIISAM303E Shutdown dredge for operator maintenance

Release: 1

RIISAM303E Shutdown dredge for operator maintenance

Modification History

Release	Comments
Release 1	This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0.

Application

This unit describes the skills and knowledge required to shutdown dredge for operator maintenance in the resources and infrastructure industries.

It applies to those working in supervisory and technical specialist roles. They generally work under minimal supervision to undertake a broad range of skilled applications in varied work contexts, using some discretion and judgement in selecting equipment, services or contingency measures.

Licensing, legislative and certification requirements may apply to this unit and can vary between states, territories and industry sectors. Users must check requirements with relevant body before applying the unit.

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Plan and prepare for Shutdown dredge and operator maintenance	1.1 Obtain, interpret and confirm work requirements 1.2 Access, interpret and apply documentation required to shutdown dredge for operator maintenance 1.3 Identify and address potential risks, hazards and environmental issues, and implement control measures according to workplace procedures 1.4 Select and wear personal protective equipment appropriate for the work activities 1.5 Obtain and interpret emergency procedures, and be prepared for emergency situations 1.6 Raise and safely secure ladder above water 1.7 Conduct retreat away from working face to safe location 1.8 Flush out plant according to workplace procedures 1.9 Adjust spuds and/or cable lengths to ensure dredge remains level on

ELEMENT	PERFORMANCE CRITERIA
	pond
2. Move boat line	2.1 Disconnect main power supply to dredge and plant 2.2 Move float line to new position ensuring enough slack is available for move
3. Check ladder	3.1 Confirm ladder is above water and safely secured according to workplace procedures 3.2 Check ladder at scheduled times 3.3 Inspect swing sheave action to assess ladder swing performance 3.4 Inspect cutter components and flush flow according to workplace procedures 3.5 Communicate and coordinate activities with relevant personnel throughout the work activity
4. Conduct operational maintenance	4.1 Inspect dredge to identify faults and ensure serviceability 4.2 Conduct routine operational servicing and repairs according to manufacturer specifications 4.3 Repair or report any faults or issues to relevant personnel according to workplace procedures
5. Conduct housekeeping activities	5.1 Clean and store equipment and attachments according to manufacturer specifications 5.2 Process written maintenance records according to workplace procedures

Foundation Skills

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

SKILL	DESCRIPTION
Reading	Identifies and interprets information from workplace procedures, documentation and regulations
Writing	Produces and completes written documents required for workplace procedures
Self-management	Monitors and minimises own exposure to worksite risks and hazards during activities

Unit Mapping Information

Supersedes and is equivalent to RIISAM303D Shutdown dredge for operator maintenance.

Links

Companion Volume implementation guides is found on VETNet -

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