



**Australian Government**

# **RIINHB223 Prepare, run and cement casing**

**Release: 1**

## RIINHB223 Prepare, run and cement casing

### 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 prepare, run and cement casing in drilling operations.

It applies to those working in assistant roles. They generally work under supervision to undertake a prescribed range of functions involving known routines and procedures.

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

### Pre-requisite Unit

RIIOGD204F Perform rig floor operations

### Unit Sector

Drilling

### 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 to perform rig floor operations	<ul style="list-style-type: none"><li>1.1 Obtain, interpret and confirm work requirements</li><li>1.2 Access, interpret documentation required to prepare, run and cement casing and confirm work activity is compliant</li><li>1.3 Identify and minimise environmental issues and potential hazards, and assess and address risks within scope of own role and according to workplace procedures</li><li>1.4 Select and wear personal protective equipment required for work activity</li></ul>

ELEMENT	PERFORMANCE CRITERIA
	1.5 Communicate with other personnel at site as required and confirm briefings and handover details are communicated and received
2. Prepare, run and cement casing	2.1 Prepare casing and shoe joints according to rig operating procedures and manufacturer requirements 2.2 Prepare well heads and casing hangers, running tools, cementing equipment and casing centralisers according to operating requirements 2.3 Check lifting appliances and handling equipment, and identify and report or rectify faults as required and within scope of own role 2.4 Prepare and install guide frames if applicable 2.5 Prepare required well control equipment and mitigation control equipment according to site requirements 2.6 Run and fill casing in correct sequence to required cement line according to operational, safety and site requirements 2.7 Carry out cementing duties while mixing
3. Run cement stinger assembly (non-standard)	3.1 Land casing at required joint 3.2 Assist in running cement string inside casing as per rig specific operating procedure

## 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
Oral Communication	<ul style="list-style-type: none"> <li>Listens to short, explicit instructions for work procedures and asks questions to clarify and confirm</li> </ul>
Self-management	<ul style="list-style-type: none"> <li>Monitors and minimises own exposure to worksite hazards during activities</li> </ul>

## Unit Mapping Information

New unit

## Links

Companion Volume implementation guides is found on VETNet -

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