



Australian Government

RIINHB208D Assist diamond core drilling

Release: 2

RIINHB208D Assist diamond core drilling

Modification History

Release	Comment
1	This unit replaces RIINHB208B Assist diamond core drilling
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 describes a participant's skills and knowledge required to assist diamond core drilling in Drilling.

This unit is appropriate for those working in driller assistants roles.

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

Unit Sector

Drilling

Elements and Performance Criteria

1 Plan and prepare for assisting with diamond core drilling	1.1 Access, interpret and apply assist diamond core drilling, documentation and ensure the work activity is compliant 1.2 Obtain, read, interpret, clarify and confirm work requirements 1.3 Identify and address potential risks, hazards and environmental issues and implement control measures 1.4 Select and wear personal protective equipment appropriate for the work activity 1.5 Obtain and interpret emergency procedures, and be prepared for fire/accident/emergency 1.6 Communicate and coordinate activities with others throughout the work activity 1.7 Load, unload, move, handle and store core drilling equipment
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	and all associated tools, sampling devices and connecting equipment 1.8 Set up and stabilise racks
2 Support the core drilling process	2.1 Assemble core barrel components 2.2 Prepare drill string in readiness for tripping and drilling 2.3 Add and remove drill rods and core inner tubes 2.4 Inspect inner tube and core barrel regularly and replace worn or damaged components 2.5 Continually monitor hazards and risks, and ensure safety of self, other personnel, plant and equipment 2.6 Use rod and casing handling equipment 2.7 Store and handle diamond tools
3 Handle core samples	3.1 Dismantle inner tube for recovery of core samples 3.2 Take necessary safety precautions when handling potentially contaminated samples 3.3 Remove core samples from inner tube and place in core trays in correct sequence 3.4 Record information on core marker blocks and core box accurately and legibly 3.5 Take precautions to ensure no surface contamination of cores and delicate cores are preserved 3.6 Stack core boxes ready for storage and transportation 3.7 Clean and lubricate inner tube components and re-assemble in preparation for the next run
4 Mix drilling fluids	4.1 Check labels and read and interpret safety information and hazard codes 4.2 Apply correct mixing procedure for the drilling fluid 4.3 Carry out storage of drilling mud components and additives 4.4 Perform basic tests on drilling fluids and record and report the results
5 Carry out basic maintenance of tools and equipment	5.1 Perform inspection and checks on serviceability of core barrel components 5.2 Perform inspections and routine checks on ancillary equipment 5.3 Perform inspections and basic maintenance on rod handling equipment 5.4 Fit restraining devices to Kelly hoses

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

RIINHB208B Assist diamond core drilling

Links

Companion Volume implementation guides are found in VETNet -

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