



Australian Government

RIINHB206D Assist large diameter auger drilling

Release: 3

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Modification History

Release	Comment
1	This unit replaces RIINHB206A Assist large diameter auger drilling
2	Corrected Performance Criteria numbering.
3	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 large diameter auger drilling in Civil construction and Drilling.

This unit is appropriate for those working in drillers assistant roles.

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

Unit Sector

Civil construction

Drilling

Elements and Performance Criteria

<p>1. Plan and prepare for assisting with large diameter auger drilling</p>	<p>1.1 Access, interpret and apply assist large diameter auger drilling documentation and ensure the work activity is compliant</p> <p>1.2 Obtain, read, interpret, clarify and confirm work requirements</p> <p>1.3 Identify and address potential risks, hazards and environmental issues and implement control measures</p> <p>1.4 Select and wear personal protective equipment and protective appropriate for the work activity</p> <p>1.5 Communicate and coordinate activities with others throughout the work activity</p> <p>1.6 Load, unload, move, handle, use and store large diameter auger equipment and all associated tools and connecting equipment</p> <p>1.7 Obtain and interpret emergency procedures, and be prepared for fire/accident/emergency</p>
<p>2. Assist with augering process</p>	<p>2.1 Fit and remove bits and cutting teeth to and from the cutting head</p> <p>2.2 Insert/remove augers and extension pipe to and from the drill string and assist with auger to auger connections</p> <p>2.3 Regularly maintain cleanliness around the hole collar by removing spoil only when rotation is stopped</p> <p>2.4 Observe housekeeping and site safety measures while conducting auger assistance</p>
<p>3. Mix drilling fluids</p>	<p>3.1 Check, read and interpret safety information/hazard codes</p> <p>3.2 Apply correct mixing procedure for the drilling fluid</p> <p>3.3 Carry out storage of drilling mud components and additives</p>
<p>4. Clean equipment</p>	<p>4.1 Use high pressure cleaners and/or steam cleaning equipment and clean augers and equipment</p> <p>4.2 Avoid or confine the spread of contamination from auger and equipment cleaning processes</p> <p>4.3 Follow safe work practices for use of cleaning equipment, chemicals and materials</p> <p>4.4 Remove and dispose of or neutralise excess spoil from site operations in accordance with environmental regulations</p>
<p>5. Carry out basic maintenance of tools and equipment</p>	<p>5.1 Carry out shutdown and secure equipment</p> <p>5.2 Perform inspection and checks on serviceability of augers including condition of flights, threads, socket connectors and D clips</p>

	5.3 Inspect serviceability of pressure cleaning equipment
	5.4 Maintain all auger equipment in serviceable condition
	5.5 Observe occupational health and safety procedures in carrying out equipment maintenance

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

RIINHB206A Assist large diameter auger drilling

Links

SkillsDMC RII Companion Volumes - <http://www.skillsdmc.com.au/>