



**Australian Government**

# **RIIMEX302D Assess ground conditions**

**Release: 3**

## RIIMEX302D Assess ground conditions

### Modification History

Release	Comment
1	This unit replaces RIIMEX302B Assess ground conditions.
2	Amended Performance Evidence.
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 assess ground conditions in the Resources and Infrastructure Industries.

This unit is appropriate for those working in operational roles.

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

### Elements and Performance Criteria

1. Plan and prepare for assessment of ground conditions	<p>1.1 Access, interpret and apply ground condition 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 appropriate for work activities</p> <p>1.5 Determine and confirm ground areas to be inspected and assessed</p> <p>1.6 Obtain and interpret existing information on ground condition of each area to provide an initial assessment</p> <p>1.7 Communicate and coordinate activities with others prior to, during and on completion of the work activity</p> <p>1.8 Obtain and interpret emergency procedures, and be prepared for an emergency</p> <p>1.9 Access area to be assessed and ensure there is adequate</p>
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	lighting to perform the assessment 1.10 Ensure that adequate ventilation is flowing into the work area
2. Inspect and assess ground conditions	2.1 Conduct visual inspection of work area, and identify adverse conditions which could affect ground stability and safety 2.2 Conduct assessment and identify and record areas which are stable and unstable 2.3 Select and use tools, equipment and techniques to confirm ground stability of stable area, and remove loose material before commencing or continuing to next area 2.4 Install barricades and warning signs where area cannot be made safe or ground is assessed as unstable 2.5 Continuously assess ground conditions during work activities
3. Record and report ground conditions	3.1 Record ground condition assessment results and recommended corrective actions 3.2 Report ground conditions and recommended corrective actions to relevant personnel

## 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

RIIMEX302B Assess ground conditions

## Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=88a61002-9a21-4386-aaf8-69c76e675272>