



Australian Government

Department of Education, Employment and Workplace Relations

RIIEGS302A Plan and undertake field trip

Release: 1

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Modification History

Not applicable.

Unit Descriptor

This unit covers the planning and undertaking of field trips in the metalliferous mining industry. It includes organising field trips, establishing and maintaining field camps, working as part of a team in remote locations, and applying remote safety and survival skills. Licensing, legislative, regulatory and certification requirements that apply to this unit can vary between states, territories, and industry sectors. Relevant information must be sourced prior to application of the unit.

Application of the Unit

This unit is appropriate for those working in an operational role at worksites within:

- Metalliferous mining

Licensing/Regulatory Information

Refer to Unit Descriptor.

Pre-Requisites

Not applicable.

Employability Skills Information

This unit contains employability skills.

Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a unit of competency.	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the required skills and knowledge section and the range statement. Assessment of performance is to be consistent with the evidence guide.
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Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1. Organise field trips	1.1. Access, interpret and apply compliance documentation relevant to the work activity 1.2. Arrange access to field site with relevant stakeholders 1.3. Adhere to restrictions, agreements and customs when accessing field site 1.4. Identify available and efficient communication systems 1.5. Use maps, photos, satellite images and existing exploration data to plan access, traverses and camp site(s) 1.6. Plan supplies to support the location, duration and size of the field trip 1.7. Obtain supplies according to inventory and securely stow for field trip 1.8. Establish duty rosters for field trip activities in consultation with other team members
2. Establish and maintain field camp	2.1. Set up appropriate size field camp for number of team members in accordance with safety and environmental procedures 2.2. Monitor and participate in catering, hygiene and security activities as allocated 2.3. Obtain and monitor use of supplies as necessary to maintain health and safety 2.4. Set up and operate gas and electrical appliances and generators safely
3. Work as part of a team in remote locations	3.1. Contribute effectively to the achievement of shared goals and objectives 3.2. Cooperate with co-workers in a manner that promotes a safe working environment and creates good working relationships 3.3. Communicate clearly with co-workers and supervisors 3.4. Work effectively and harmoniously with other team members to achieve team objectives 3.5. Maintain acceptable level of personal hygiene
4. Apply remote safety and	4.1. Follow safety procedures whenever

survival skills	helicopters are in the vicinity 4.2. Communicate effectively using standard protocols 4.3. Adopt conventional signalling codes and symbols in emergency situations 4.4. Recognise and manage the priorities for survival
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Required Skills and Knowledge

This section describes the skills and knowledge required for this unit.

Required skills

Specific skills are required to achieve the Performance Criteria of this unit, particularly for its application in the various circumstances in which this unit may be used. This includes the ability to carry out the following, as required to plan and undertake field trips:

- apply legislative, organisation and site requirements and procedures for planning and undertaking field trips
- erect shelters
- collect food and water
- light fires
- navigate with maps and stars
- use vehicle for survival
- plan and schedule
- apply interpersonal communication skills
- apply basic vehicle maintenance techniques
- use portable gas and electricity equipment

Required knowledge

Specific knowledge is required to achieve the Performance Criteria of this unit, particularly for its application in the various circumstances in which this unit may be used. This includes knowledge of the following, as required to plan and undertake field trips:

- land-use permits
- relevant regulations, licences and permits
- communications systems
- historical mining data of field site
- trip planning and logistics
- supply sources, costs and availability
- remote hazards, risks and survival techniques

Evidence Guide

The evidence guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, range statement and the Assessment Guidelines for the Training Package.

Overview of assessment	
Critical aspects for assessment and evidence required to demonstrate competency in this unit	The evidence required to demonstrate competency in this unit must be relevant to worksite operations and satisfy all of the requirements of the performance criteria, required skills and knowledge and the range statement of this unit and include evidence of the following: • knowledge of the requirements, procedures and instructions for planning and undertaking field trips • implementation of requirements, procedures and techniques for the safe, effective and efficient completion of field trip planning and undertaking • working with others to undertake and complete the planning and undertaking field trips that meets all of the required outcomes • consistent timely completion of field trip planning and undertaking that safely, effectively and efficiently meets the required outcomes
Context of and specific resources for assessment	• This unit must be assessed in the context of the work environment. Where personal safety or environmental damage are limiting factors, assessment may occur in a simulated environment provided it is realistic and sufficiently rigorous to cover all aspects of workplace performance, including task skills, task management skills, contingency management skills and job role environment skills. • Assessment of this competency requires typical resources normally used in a resources and infrastructure sector environment. Selection and use of resources for particular worksites may differ due to the site circumstances. • The assessment environment should not disadvantage the participant. For example, language, literacy and numeracy demands of assessment should not be greater than those

	required on the job. • Customisation of assessment and delivery environment to sensitively accommodate cultural diversity. • Aboriginal people and other people from a non English speaking background may have second language issues. • Where applicable, physical resources should include equipment modified for people with disabilities. Access must be provided to appropriate learning and/or assessment support when required.
Method of assessment	This unit may be assessed in a holistic way with other units of competency. The assessment strategy for this unit must verify required knowledge and skill and practical application using more than one of the following assessment methods: • written and/or oral assessment of the candidate's required knowledge • observed, documented and/or first hand testimonial evidence of the candidate's: • implementation of appropriate requirement, procedures and techniques for the safe, effective and efficient achievement of required outcomes • consistent achievement of required outcomes • first hand testimonial evidence of the candidate's: • working with others to undertake and complete the planning and undertaking of field trips
Guidance information for assessment	Consult the SkillsDMC User Guide for further information on assessment including access and equity issues.

Range Statement

The range statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance. Bold italicised wording, if used in the performance criteria, is detailed below. Essential operating conditions that may be present with training and assessment (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) may also be included.

Relevant compliance documentation may include:	• legislative, organisational and site requirements and procedures • manufacturer's guidelines and specifications • Australian standards • Employment and workplace relations legislation • Equal Employment Opportunity and Disability Discrimination legislation
Communications systems may include:	• satellite phone • mobile network phone • Royal Flying Doctor Service • 2-way radio • land line • CB radio
Field trip supplies may include:	• food • water • hygiene facilities • fuel • transport • communications • vehicle and equipment spares • First Aid and health
Regulations may include:	• Australian standards • environmental agencies regulations • Environmental Protection Act • isolation procedures • manufacturer's specifications and recommendations • Mine Regulations Act (Duty of Care) • OHS Legislation • site regulation and procedures
Access issues may include:	• Aboriginal sites • privately owned land • defined heritage areas

	• inhospitable terrain and climate
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Unit Sector(s)

Exploration and Field Work

Competency field

Refer to Unit Sector(s).

Co-requisite units

Not applicable.