



Australian Government

**Assessment Requirements for MSS027010
Undertake complex environmental project
work**

Release: 1

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Modification History

Release 1. Supersedes and is equivalent to MSS027010A Undertake complex environmental project work

Performance Evidence

Evidence of competence in this unit must satisfy all of the requirements of the elements and performance criteria, and include demonstration of:

- scoping, planning and managing multiple projects/activities that involve complex environmental work on at least one (1) occasion (either individually or as part of a team)
- reviewing background information for each project/project activity to clarify requirements, resources and constraints
- interpreting, explaining and applying relevant legislative/regulatory requirements, management plans, standards, procedures and methods
- analysing complex technical briefs and refining project plans
- prioritising, scheduling and coordinating complex and/or concurrent projects/project activities
- using information management systems and project management software/tools to develop plans and monitor/report progress
- providing own outputs that meet the required quality standard and in accordance with project plans
- supporting, communicating and consulting with project teams, stakeholders and/or community members to achieve quality outcomes on time and within budget
- analysing and solving project management problems including negotiating variations (e.g. schedules, milestones, roles and responsibilities of personnel and resources)
- seeking advice when challenges are beyond own technical competence/responsibility or when input from environmental specialists may be required
- maintaining accurate records
- critically evaluating project progress, processes and outputs against agreed performance criteria and identifying opportunities for improving future project processes and management systems
- providing regular updates/briefings and explaining complex technical issues, project problems and solutions
- providing progress/final reports in accordance with project plans and workplace procedures and using the specified style, language and formats
- following procedures for working safely and minimising environmental impacts and waste.

Knowledge Evidence

Must provide evidence that demonstrates knowledge of:

- environmental protection/management terminology, concepts and principles used in job role
- legislative, regulatory, permit, licensing and approval requirements/processes relevant to site/projects/project activities
- workplace business goals, key performance indicators and key result areas relevant to site/projects/project activities
- site/project characteristics, nature of activities conducted at site, environmental management values, environmental issues, risks and impacts
- workplace environmental management plans, procedures, control measures and management actions for site/projects/project activities
- project management principles and tools
- workplace project management procedures and controls, such as:
 - project governance requirements
 - stakeholder management
 - quality standards
 - risk management plans
 - record management and reporting, confidentiality and security of information
 - quotation, tendering, procurement and contract management procedures, and delegations
 - financial management procedures
 - human resource management procedures and industrial agreements
- techniques for achieving effective communication, teamwork and cooperation; negotiating and resolving conflict
- troubleshooting and problem-solving techniques
- relevant hazards, health, safety and workplace emergency response procedures.

Assessment Conditions

- Judgement of competence must be based on holistic assessment of the evidence. Assessment methods must confirm consistency of performance over time, rather than a single assessment event.
- This unit of competency is to be assessed in the workplace, or a simulated workplace environment. A simulated workplace environment must reflect realistic operational workplace conditions that cover all aspects of workplace performance, including the environment, task skills, task management skills, contingency management skills and job role environment skills.
- Foundation skills are integral to competent performance of the unit and should not be assessed separately.
- Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

- Knowledge evidence may be collected concurrently with performance evidence or through an independent process such as workbooks, written assessments or interviews (provided a record is kept in each case).
- Holistic assessment methods include:
 - review of plans/refinements, schedules, budgets and records prepared by the candidate for complex projects/activities they have managed or undertaken
 - review of project progress/final reports prepared by the candidate, including details of their contributions and evaluation of their individual performance (for team projects)
 - feedback from manager and project team members about the candidate's ability to coordinate and support complex project, and work safely and effectively
 - oral and/or written questions to assess the candidate's understanding of project management principles and techniques for communicating effectively, managing teams and resolving common project problems
 - observation of the candidate's interactions with project team members.
- Access is required to all instruments, equipment, materials, workplace documentation, procedures and specifications associated with this unit including, but not limited to:
 - background information for environmental sites/projects/programs
 - workplace information management systems, project management procedures and tools.
- Assessors must satisfy the assessor competency requirements that are in place at the time of the assessment as set by the VET regulator.
- The assessor must demonstrate both technical competency and currency.
- Technical competence can be demonstrated through:
 - relevant VET or other qualification/Statement of Attainment AND/OR
 - relevant workplace experience
- Currency can be demonstrated through:
 - performing the competency being assessed as part of current employment OR
 - having consulted with an organisation providing environmental monitoring, management or technology related services about performing the competency being assessed within the last twelve months.

Links

Companion Volume implementation guides are found in VETNet -
<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=5b04f318-804f-4dc0-9463-c3fb9a3fe998>