



Australian Government

Assessment Requirements for MEM11024 Undertake basic rigging

Release: 1

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Modification History

Release 1. Supersedes and is equivalent to MEM11024A Undertake basic rigging

Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy the requirements of the elements and performance criteria on at least two (2) occasions and include:

- following work instructions, standard operating procedures (SOPs) and safe work practices
- identifying and interpreting basic drawings, sketches and site plans, manufacturers' specifications and data for all plant and equipment used in rigging operations
- complying with work health and safety (WHS) licensing legislation
- communicating and working safely with others, including tradespersons, doggers and crane operators in the work area
- conducting risk assessment and management procedures
- calculating safe working load (SWL) and working load limit (WLL)
- inspecting relevant plant and equipment to ensure it is safe working condition
- installing and using safety equipment in accordance with SOPs
- demonstrating preparation of temporary connections
- working safely at heights, including the correct application of safety equipment
- erecting and dismantling structures,
- moving and correctly locating plant and equipment
- demonstrating the following knots, bends and hitches:
 - sheet bend, becket hitch, running bowline and double bowline
- demonstrating the following splices and whippings:
 - eye, back and short splice
 - sail makers and common whipping
 - west countryman's.

Knowledge Evidence

Evidence required to demonstrate the required knowledge for this unit must be relevant to and satisfy the requirements of the elements and performance criteria and include knowledge of:

- safe work practices and procedures and use of personal protective equipment (PPE)
- appropriate mathematical procedures for estimation and measurement of loads
- principles relating to all plant, equipment and structural stability

- types and functions of rigging, safety and associated equipment, including an understanding of their limitations
- organisational and workplace standards, requirements, policies and procedures for rigging
- sources of specialist knowledge and support in typical manufacturing sites, including engineers, technicians, tradespersons, and supervisors and managers
- relevant federal, state or territory and local government WHS legislation, standards and codes of practice for undertaking rigging activities
- inspection and maintenance requirements of a wide range of appropriate plant and equipment in line with Australian Standards or manufacturer specifications
- hierarchy of hazard identification and control
- minimum clearance distances from powerlines or electrical equipment as determined by the relevant state or territory authority or electrical supply authority
- estimation of ground bearing pressures of the full range of soil types and associated ground conditions for setting up plant and equipment.

Assessment Conditions

- Assessors must:
 - have vocational competency in undertaking basic rigging at least to the level being assessed with relevant industry knowledge and experience
 - satisfy the assessor requirements in the *Standards for Registered Training Organisations 2015* or its replacement and comply with the *National Vocational Education and Training Regulator Act 2011*, its replacement or equivalent legislation covering VET regulation in a non-referring state/territory as the case requires
- Where possible assessment must occur in operational workplace situations. Where this is not possible or where personal safety or environmental damage are limiting factors, assessment must occur in a sufficiently rigorous simulated environment that reflects realistic operational workplace conditions. This must cover all aspects of workplace performance, including environment, task skills, task management skills, contingency management skills and job role environment skills
- Conditions for assessment must include access to all tools, equipment, materials and documentation required, including relevant workplace procedures, product and manufacturing specifications
- 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.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b7050d37-5fd0-4740-8f7d-3b7a49c10bb2>