

RIIMPO324F Conduct civil construction grader operations

This assessment will outline the participant's skills and knowledge required to conduct civil construction grader operations. This unit is appropriate for those working in operational roles.

Within this course candidates will be assessed on how to:

- + conducting prestart checks prior to commencing operations and shutdown procedures on completion of operations
- + driving and operating the equipment to site conditions
- + completion of operations to specification using at least two different material types including: cutting and maintaining drains, forming/upgrading/maintaining roads, mixing/ spreading materials, scarifying and ripping, cutting and trimming of batters, trimming of road sub-grades and pavements, site clean-up, form and carry a windrow
- + selecting, fitting, testing, using and removing at least two attachments, the attachment must be certified and approved in line with workplace procedures
- + assisting with loading and unloading unit plant type from float/trailer
- + parking and securing of equipment.

In the course of the above the candidate must also:

- + locate and apply relevant documentation, policies and procedures
- + select and wear personal protective equipment required for work activities
- + carry out vehicle refuelling requirements and procedures where applicable
- + apply safe work practices, identifying and reporting all potential hazards, risks and environmental issues
- + apply problem solving and troubleshooting techniques when operating equipment
- + monitor and manage equipment performance using indicators and alarms
- + identify common equipment faults
- + establish weight of load
- + apply levelling techniques
- + apply cut and fill techniques
- + conduct towing of equipment/plant where required
- + select and use the required tools and equipment
- + apply methods of changing machine attachments
- + use a range of communication techniques and equipment essential to the safe completion of work activity, including hand, audible and other signals
- + meet written and verbal reporting requirements and procedures associated with equipment operations
- + organise work activities to meet all task requirements.

To achieve competency, the candidate is required to successfully complete a practical assessment and demonstrating sufficient performance and knowledge evidence.

Assessment will occur in workplace operational situations or, where this is not available, in simulated workplace operational situations that replicate workplace conditions.

This unit alone does not provide sufficient skill to independently load and unload equipment. To perform this activity safely, personnel must either complete or be assisting someone who has completed **RIIHAN308F -Load and unload plant or equivalent**.

Course Dates: Scheduled monthly and on request.

Cost: Varies, please contact us for pricing.

Delivery Mode: Competency-based training and assessment.

Duration: Determined on the experience and knowledge of the candidate.

Location: Arranged to be conducted at appropriate workplace site, or at RTV Training Facility.

Outcome: Upon successful completion the candidate will be awarded a Statement of Attainment for **RIIMPO324F Conduct civil construction grader operations**