



Australian Government

Assessment Requirements for AHCLSK321 Service and repair bores and windmills

Release: 1

Assessment Requirements for AHCLSK321 Service and repair bores and windmills

Modification History

Release Number	TP Version	Comments
1	AHCv1.0	Initial release

Performance Evidence

The candidate must be assessed on their ability to integrate and apply the performance requirements of this unit in a workplace setting. Performance must be demonstrated consistently over time and in a suitable range of contexts.

The candidate must provide evidence that they can:

- identify hazards, assess risks and implement safe work procedures
- apply basic diagnostic techniques
- recognise faults and deterioration of components and carry out repairs to bore, mill heads and pumps to ensure the full function and flow of water supplies
- select and match tools and equipment with work requirements
- apply safe workplace and positive environmental procedures
- read and interpret enterprise policy, maintenance plans, manufacturer specifications and Safety Data Sheets (SDSs)
- effectively communicate with contractors and supervisor, record and report maintenance details and outcomes
- calculate volumes, and measure speed, flow rates and distance
- maintain all components of bores and windmills
- carry out testing procedures to determine correct operation
- refer to bore histories for troubleshooting
- apply relevant work health and safety requirements

Knowledge Evidence

The candidate must demonstrate knowledge of:

- construction of bores and windmills and maintenance requirements
- diesel engine components, maintenance requirements and repair procedures
- working principles of diesel engines
- drive systems and components
- types and uses of lubricants and other servicing materials
- servicing characteristics of bores and windmills

- types, characteristics, uses and limitations of hand and power tools
- basic diagnostic processes and techniques
- environmental codes of practice with regard to maintenance activities
- work health and safety legislative requirements

Assessment Conditions

Competency is to be assessed in the work place or workplace and simulated environments that accurately reflect performance in a real workplace setting.

Assessors must satisfy current standards for RTOs.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>