Assessment Requirements for AHCIRG326 Operate irrigation injection equipment

Release: 1

Assessment Requirements for AHCIRG326 Operate irrigation injection equipment

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.

The candidate must provide evidence that they can:

- complete relevant calculations such as dilution rates
- handle hazardous chemicals safely
- identify injection requirements
- implement routine maintenance and minor repairs of the system
- implement routine system cleaning requirements
- monitor usage and dilution rates
- report and record corrective action
- select and prepare injection materials
- shut down equipment in response to an emergency situation
- shut down equipment in response to routine shutdown requirements
- take corrective action in response to out-of-specification results or non- compliance

Knowledge Evidence

The candidate must demonstrate knowledge of:

- backflow prevention
- basic operating principles and process control systems where relevant
- chemicals, cleaning agents and fertilisers used for injection and their purpose
- cleaning procedures
- cleaning requirements of system
- common causes of variation and corrective action required
- control points and significance and methods of monitoring
- correct chemical handling techniques
- environmental issues and controls
- label Material Data Safety (MDS) information for substances to be injected

- lock-out and tag-out procedures
- maintenance requirements of system
- procedures for prevention of backflow
- process specifications, procedures and operating parameters
- purpose and operation of equipment and instrumentation components
- recording requirements and procedures
- services required
- shutdown sequence

Assessment Conditions

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