



Australian Government

Assessment Requirements for AHCIRG408 Schedule irrigations

Release: 1

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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:

- apply a measured amount of water
- assess the efficacy of irrigation and repeat cycles of irrigation
- incorporate data from in-field equipment and remote monitoring sources into scheduling systems that compute irrigation requirement
- monitor crop and plant water use
- plan for extremes of weather
- record irrigation and scheduling parameters
- use and maintain in-field equipment that monitors the plant environment

Knowledge Evidence

The candidate must demonstrate knowledge of:

- in-field irrigation reticulation performance and its capacity limits
- inter-relationship between plant, soil and the aerial environments in the determination of water budgets
- physical soil characteristics such as infiltration rate, water holding capacity and wetted volume in the root zone
- plant and crop response to moisture stress at different stages of growth
- possible adverse impacts on the crop and environment from inefficient scheduling or unpredictable weather effects
- recognition of moisture stress effects (sometimes desired) on plants
- relevant environmental policies and procedures
- water authority standards and procedures
- water quality monitoring methods and acceptable quality limits
- weather forecasting of extreme weather events such as heat waves, frosts and storms, and appropriate contingency tactics to minimise impacts

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>