



Australian Government

AHC51624 Diploma of Irrigation Design

Release 1

AHC51624 Diploma of Irrigation Design

Modification History

| Release | Comments |
|-----------|--|
| Release 1 | This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 10.0. |

Qualification Description

This qualification describes the skills and knowledge for technical and leadership job roles in the irrigation industry.

Individuals with this qualification will take personal responsibility and exercise autonomy in undertaking complex work. They must analyse information and exercise judgement to complete a range of advanced skilled activities.

Work must comply with work health and safety and environmental regulations and legislation that apply to the workplace.

No licensing, legislative or certification requirements apply to this qualification at the time of publication.

Entry Requirements

There are no entry requirements for this qualification.

Packaging Rules

To achieve this qualification, competency must be demonstrated in:

- 11 units of competency:
 - 6 core units plus
 - 5 elective units.

Elective units must ensure the integrity of the qualification's Australian Qualification Framework (AQF) alignment and contribute to a valid, industry-supported vocational outcome. The electives are to be chosen as follows:

- 3 must be from the electives list below
- 2 from the remaining electives listed below or any other endorsed Training Package or accredited course

Core Units

| | |
|-----------|---|
| AHCIRG435 | Determine hydraulic parameters for an irrigation system |
|-----------|---|

| | |
|-----------|--|
| AHCIRG506 | Design irrigation systems |
| AHCIRG507 | Audit irrigation systems |
| AHCIRG508 | Design irrigation system maintenance and monitoring programs |
| AHCIRG509 | Develop an irrigation and drainage management plan |
| AHCSOL407 | Develop a soil use map for a property |

Elective Units

| | |
|-----------|---|
| AHCBAC409 | Provide advice on agronomic products |
| AHCBUS511 | Manage enterprise staff requirements |
| AHCBUS513 | Market products and services |
| AHCBUS514 | Negotiate and monitor contracts |
| AHCBUS515 | Prepare estimates, quotes and tenders |
| AHCBUS516 | Develop and review a business plan |
| AHCBUS517 | Monitor and review business performance |
| AHCBUS518 | Prepare and monitor budgets and financial reports |
| AHCDRG502 | Design drainage systems |
| AHCIRG349 | Recommend irrigation products and services |
| AHCIRG446 | Provide irrigation sales and service |
| AHCIRG510 | Establish and maintain an irrigation-related environmental protection program |
| AHCWHS503 | Manage workplace health and safety processes |
| AHCWRK506 | Collect and manage data |
| AHCWRK513 | Write and present reports |
| AHCWRK516 | Implement professional practice |
| AHCWRK518 | Provide specialist advice to clients |
| AHCWRK519 | Audit site operations |

| | |
|-----------|--|
| AHCWRK520 | Develop workplace policy and procedures for environment and sustainability |
| BSBFIN501 | Manage budgets and financial plans |
| BSBHRM525 | Manage recruitment and onboarding |
| BSBINS401 | Analyse and present research information |
| BSBOPS505 | Manage organisational customer service |
| PUAMAN005 | Manage projects |
| TLIR4002 | Source goods/services and evaluate contractors |

Qualification Mapping Information

| Code and title current version | Code and title previous version | Comments | Equivalence status |
|---------------------------------------|---------------------------------------|---|--------------------|
| AHC51624 Diploma of Irrigation Design | AHC51619 Diploma of Irrigation Design | Updated 1 Core unit and 14 Elective units | Equivalent |

Links

Companion Volumes, including Implementation Guides, are available at VETNet: - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>