

**Field      Engineering and Technology**

**Review of *Irrigation* unit standards**

<b>Subfield</b>	<b>Domain</b>	<b>ID</b>
Water Industry	Irrigation	20955, 25136, 27445, 27556, 28925, 28926, 28932-28936

Primary Industry Training Organisation has completed the review of the unit standards listed above.

**Date new versions published**

**February 2020**

**Planned review date**

**December 2024**

**Summary**

Unit standards were reviewed during September and November 2019 by email and meeting with the External Working Group (EWG), comprised of representatives from the Irrigation industry. The EWG consulted with the wider irrigation industry to determine if any changes were required to unit standards. The EWG agreed that the unit standards only required minor changes. Content was amended or deleted to meet current technical requirements, and where appropriate regulatory requirements were added or deleted.

**Main changes**

- Unit standard content was updated to reflect current industry practices.
- Unit standards 20955 and 25136 were expired as they are no longer required by industry and have not been used since 2015.

**Category D unit standards will expire at the end of December 2022**

**The last date for assessment of superseded versions of Category B unit standards is December 2022**

**Detailed list of unit standards – classification, title, level, and credits**

All changes are in **bold**.

<b>Key to review category</b>	
<b>A</b>	Dates changed, but no other changes are made - the new version of the standard carries the same ID and a new version number
<b>B</b>	Changes made, but the overall outcome remains the same - the new version of the standard carries the same ID and a new version number
<b>C</b>	Major changes that necessitate the registration of a replacement standard with a new ID
<b>D</b>	Standard will expire and not be replaced

Engineering and Technology > Water Industry > Irrigation

<b>ID</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>	<b>Review Category</b>
20955	Demonstrate knowledge of irrigation systems, components, and performance	4	6	D
25136	Describe water metering and soil moisture devices and their selection, for measuring performance of irrigation systems	4	8	D

ID	Title	Level	Credit	Review Category
27445	Select, oversee installation, and commission a full pipe water measurement system	5	8	B
27556	Carry out a full pipe water measurement system verification	5	5	B
28925	Carry out an irrigation system performance assessment	4	25	B
28926	Compare and interpret a specific irrigation system's performance against the system specifications, and report findings <b>Interpret irrigation system performance results against system specifications, and report findings</b>	4	15	B
28932	Design and plan an irrigation system <b>Plan an irrigation system</b>	5	75	B
28933	Prepare the design and delivery documentation for an irrigation system	5	15	B
28934	Determine irrigation system requirements for a commercial enterprise	4	10	B
28935	Carry out irrigation system scheduling on a daily and seasonal basis for an irrigation site <b>Carry out seasonal irrigation system scheduling for an irrigation site</b>	4	5	B
28936	Manage the planning, operation and maintenance of an irrigation system	4	25	B