

Infrastructure Design Branch Advice to Users of DS 30 Series Design Standards

NEW STANDARD PUBLISHED

A new mechanical standard titled **DS 30 - Mechanical Design Process** has been issued. This Standard has been developed in order to complement the Engineering Design Process Manual (EDPM) by specifying process, requirements and deliverables - for 'Conceptual', 'Engineering' and 'Detailed' mechanical design. This Standard was modelled on the existing Electrical Design Standard titled 'DS 20 - Design Process for Electrical Works', which has been in use for a number of years.

DS 30 resides in the Mechanical DS 30 Standards Series which are available internally via the [Standards] tab on the IDB home page <http://waternet.watercorporation.com.au/Branches/P&D/IDB/site/ContentPage.cfm> and externally via E-Procurement.

The standard categorizes mechanical design requirements into:

- Simple Design - For technically simple, low risk items with few stakeholders
- Major Design - For all other assets involving mechanical design

The standard also requires the use of 'Hold Point' management on drawings, for all equipment for which final dimensions or arrangements are undetermined.

The standard is titled and sectioned as follows:

Title	Mechanical Design Process
Reference	DS 30 V1R0
Issue Date:	May 2011
Contents:	
Section 1	Introduction
Section 2	Design Process for Simple Mechanical Works
Section 3	Design Process for Major Mechanical Works

Compliance with this Standard is effective immediately. It will be referenced in the next revision of the overarching Engineering Design Process Manual (EDPM)

As this is a new standard and the first to specifically address this area, any comments or feedback will be most welcome. Please contact the undersigned.

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