

PROJECT DELIVERY GUIDELINES

LOG OF DOCUMENT CHANGES:

The Project Delivery Guidelines suite of complementary documents is actively maintained and updated on a regular basis. The current version of any of the PDG documents is always available for download from the P F & D webpage at <https://properties.curtin.edu.au/workingwithus/guidelines.cfm> .

If it is not possible to obtain the current version for any reason, readers may use the following log of changes to understand the differences between an older, redundant printed version of the guideline and the current version. Note that the current version of the guideline always take precedence over any other version and it is incumbent on the reader to always comply with the requirements of the current version.

000311 PDG MECHANICAL SERVICES GUIDELINES

Revision: 2

Updated: October 2018

Section	Heading	Paragraph	Change
3.2.15	Air Handling Systems	4	Additional approved manufacturers
3.2.16	Approved Makes		Additional approved manufacturers
3.2.16	Alarms		Minor change to target of alarm
3.2.17	Chilled Water Systems		Minor rewording and update of technical details and Building No. changes
3.2.18	Heating Water Systems		Minor rewording and update of technical details
3.2.22	Pipework Insulation		Completely updated requirements
3.2.26	Chiller Sets	last	New load assessment technique required
3.2.26	Filters	3	New filter pressure measurement requirements
3.2.26	Variable Speed Drives		Simplification of requirements
3.2.27	Instruments		Update of metering requirements
3.2.31	Energy Management	2	Plant performance reports to be submitted
3.2.31	Energy Management	4	Issues Register to be included
3.2.33	Defects Liability Period		Minor updates
3.2.34	O & M Manuals		Formatting requirements updated
3.3.1	Inert Gases		Simplification of requirements in this document and cross-reference to another
3.4	Colour Coding		Simplified

Revision 3

Updated August 2019

Section	Heading	Paragraph	Change
2.4	Deliverables	5	Minor additional words
2.4	Deliverables		Additions and changes to Deliverables and Services <ul style="list-style-type: none"> - Tuning Phase - Commissioning & Handover Phase - Compliance with Regulations
3.2.1	General		Minor change to dot points
3.2.3	Performance Standards	Part (i)	Minor rewording
3.2.9	Fire and Smoke Control	1	Minor rewording
3.2.19	Steam Systems		New section
3.2.24	Identification of Pipework	1	Revised words
3.2.26	Heating Water Boilers		Additional requirements
3.2.26	Variable Speed Drives		Compliance with AS3000
3.2.28	Air Conditioning Electrical Systems		Two new subsections 3.2.28.1 and 3.2.28.2
3.2.31	Energy Management		Additional performance requirements for contractors and consultants
3.2.33	Defects Liability Period		Additional reporting requirements
3.2.34	O & M Manuals		Requirements for Fire Mode Functional Description
3.5.1	General		Added sub-section – Control System Design
3.5.5	Data Management and Logging Standards		Changes to frequency of metering

Revision 4

Updated January 2020

Section	Heading	Paragraph	Change
3.2.32	Energy and Water Management		Updated Mechanical Project Delivery Guidelines 000311 to Section 3.2.32 to include detail on COP management and updating when undertaking Central Energy project work.

Revision 5

Updated February 2020

Section	Heading	Paragraph	Change
2.4	Consultant and Contractor Requirements		Insertion of new section 2.4 and renumbering of following sections
Appendix 1	Appendix 1		Update of all template forms

REVISION HISTORY – THIS DOCUMENT

Revision Ref. No	Approved/ Rescinded	Date	Document Reference	Notes
1	RPS	Oct-18	000311	Update of 000311 PDG Mechanical Services Guidelines
2	FC	Aug-19	000311	Update of 000311 PDG Mechanical Services Guidelines for currency
3	RPS	Nov-19	000311	Inclusion of wording to allow departures from the existing guideline
4	FC	Jan-20	000311	Update to include detail of COP management
4	RPS	Feb-20	000311	Addition of new section 2.4 – Consultant and Contractor Requirements, upgrade of Appendix 1