

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

**SPS 263 Butterfly Guard Valves**

SPS 263 has been developed as a separate specification in order more fully and accurately specify the mechanical engineering requirements for butterfly guard valves for Dam isolation. Butterfly guard valves were formerly part of SPS 262 ‘High performance butterfly valves’ but because of their specialised nature have been incorporated into a dedicated specification. Butterfly valves will now be covered by four Strategic Product Specifications as follows:

- 260            Butterfly Valves for General Purposes
- 261            Butterfly Valves for Waterworks Purposes
- 262            High Performance Butterfly Valves
- 263            Butterfly Guard Valves

**NOTE:**

All these specifications will be subject to revision once AS 4795.1 and AS 4795.2 have been published hopefully later this year. The above SPS’s are based on and reference these Australian Standards.

<b>Document title</b>	Butterfly Guard Valves
<b>Document reference</b>	SPS 263
<b>Issue date</b>	May 2011
<b>General comment</b>	<p>This is a new specification that has been developed in order to:</p> <ul style="list-style-type: none"> <li>Specify the mechanical technical requirements butterfly guard valves used for dam security applications.</li> <li>Address fail-safe counterweight-loaded hydraulically operated butterfly valves.</li> </ul>
<b>Section details:</b>	
<b>Section 1</b>	Scope and General
<b>Section 2</b>	Materials and Components
<b>Section 3</b>	Design and Manufacture
<b>Section 4</b>	Protective Coatings
<b>Section 5</b>	Performance Tests
<b>Section 6</b>	Marking and Packaging
<b>Section 7</b>	Manuals
<b>Section 8</b>	Spare Parts and Special Tools
<b>Section 9</b>	Transport Handling and Storage
<b>Section 10</b>	Quality Assurance
<b>Section 11</b>	Appendix A: Project Specific Requirements (Normative)
<b>Section 12</b>	Appendix B: Technical Compliance Schedules (Normative)
<b>Section 13</b>	Appendix C: Material Master Records (Informative)

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