

# Design Standard



<p><b><u>Background</u></b></p> <ul style="list-style-type: none"> <li>Engineers sometimes use different skill and logic for design, creating unnecessary complexity</li> </ul>	<p><b><u>Objective</u></b></p> <p>To maintain standardized design work for effective and efficient drawings</p>										
<p><b><u>Phase</u></b></p> <pre> graph TD     A[Concept] --&gt; B[Feasibility]     B --&gt; C[Verify]     C --&gt; D[SOP]     D --&gt; E[Terminate]     </pre> <p style="text-align: center;"><b>Engineering</b> ←</p>	<p><b><u>Who</u></b></p> <table border="1" data-bbox="783 658 1361 797"> <thead> <tr> <th>Phase</th> <th>Project Leader</th> <th>Engineering</th> <th>Production Engineering</th> <th>Coordinator</th> </tr> </thead> <tbody> <tr> <td>DR-2</td> <td></td> <td>Y</td> <td>Y</td> <td>Engineering</td> </tr> </tbody> </table>	Phase	Project Leader	Engineering	Production Engineering	Coordinator	DR-2		Y	Y	Engineering
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DR-2		Y	Y	Engineering							
<p><b><u>Procedure</u></b></p> <ol style="list-style-type: none"> <li>Drawn from technical reports, the design standard contains only necessary information for sharing between the engineers; a committee creates and agrees on this design standard.</li> <li>During the drawing phase, the engineer reads this standard to clarify the process</li> <li>After completing the drawing, engineer must check the design check sheet for completeness</li> </ol>											
<p><b><u>Output</u></b></p> <ul style="list-style-type: none"> <li>Design standard document</li> </ul>	<p><b><u>Results</u></b></p> <p>Improve engineering completeness</p>										
<p><b><u>Comment</u></b></p> <p>To establish effective and efficient standards, Technical report, Design standard and Design check sheet are the important sequence. These documents are highly sensitive and proprietary</p>											