SPECIFICATION FOR STRUCTURAL QUALITY STEELS

SA/CSA-G40.21

[Identical with International Specification CSA-G40.21-13, including Update No. 1 (May 2014), with these additional requirements.]

1. Additional Requirements
   1.1 Marking:
   In addition to the marking requirements of this specification, all products are to be identified by this SA/CSA specification designation.

   1.2 Controlled Rolling or Normalizing Rolling:
   Controlled rolling or normalizing rolling shall not be used as normalizing procedure.

   1.3 Chemical Composition:
   The requirements of paras. 7.1.2 and 7.1.3 on heat analysis, and of paras. 7.2.3 and 7.2.4 on product analysis, of SA-20/SA-20M shall apply.

1.4 Test Reports:
Test reporting shall be in accordance with SA-6/SA-6M.

2. Source
2.1 See Nonmandatory Appendix A for ordering information to obtain an English language copy of CSA-G40.21 and its references.
SPECIFICATION FOR FINE GRAINED, WELDABLE STEEL PLATES FOR PRESSURE EQUIPMENT

1. Additional Requirements

1.1 Steelmaking Process:
The ratio of reduction of thickness from a strandcast slab to plate shall be at least 3.0:1.

1.2 Marketing:
In addition to the marking requirements of this specification, the prefix, SA/, shall be added ahead of the marking on all products required to be marked by this specification, and to the material identification used on all documentation required by the specification.

1.3 Chemical Composition:
The requirements of paras. 7.1.2 and 7.1.3 on heat analysis, and of paras. 7.2.3 and 7.2.4 on product analysis, of SA-20/SA-20M shall apply.

1.4 Test Reports:

1.4.1 The designation of this SA/AS specification shall include the edition year.

1.4.2 Copies of the original manufacturer's test report shall be included with any subsequent test report.

2. Appendix

2.1 The appendix "Interchangeability of Strength Grades" does not apply for SA/AS 1548.

3. Source

3.1 See Nonmandatory Appendix A for ordering information to obtain an English language copy of AS 1548 and its references.
Table II-200-2

Other Acceptable Non-ASTM Specifications

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Latest Adopted</th>
<th>Description</th>
<th>Other Acceptable Editions</th>
</tr>
</thead>
<tbody>
<tr>
<td>SA/AS-1548</td>
<td>2008</td>
<td>Identical except for steelmaking process, marking, chemical composition, and test reports as shown in the specification. Appendix &quot;Interchangeability of Strength Grades&quot; does not apply.</td>
<td>1992 and 2004 through 2013 (Update No. 1, May 2011)</td>
</tr>
<tr>
<td>SA/CSA-G40.21</td>
<td>2013</td>
<td>Identical except for marking, chemical composition, controlled and normalized rolling, and test reports as shown in the specification.</td>
<td>2008</td>
</tr>
</tbody>
</table>

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