

Approval & Reception Procedure

DMC – Departamento de Materiais de Construção	
Stainless Steel Materials	Document No. ARP/DMC/12
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	Page No. 1 of 1

1. Reference Standard

ASTM standards namely ASTM A 276-98a and specifications of design

2. Approval procedures

Manufacturer's technical information of stainless steel materials

3. Reception procedures

Submission of documents

Manufacturer's certificate of origin, quality and quantity should be submitted.

The specification of the project must be presented.

4. Inspection of lot

Lot is any quantity of pieces of the same type of material used, grade and dimensions, delivered at one time for inspection.

If necessary, the lot can be sampled for analysis of chemical composition. At least one sample per lot shall be tested.

For stainless steel type 304 and 304L, the analysis shall include the contents of carbon (C), chromium (Cr), and nickel (Ni). Other elements could be included depends on the project requirement.

For stainless steel type 316 and 316L, the analysis shall include the contents of carbon (C), chromium (Cr), nickel (Ni), and molybdenum (Mo). Other elements could be included depends on the project requirement.

If necessary, the lot can be tested for tensile strength and dimensions. At least one sample per lot shall be tested.

5. Acceptance criteria

The test result shall comply with the reference standard.