



# CORPORATE PURCHASING SPECIFICATION

AA10724

Rev No. 08

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## STAINLESS STEEL BARS (AUSTENITIC) SOLUTION ANNEALED (ASTM A 276M, TYPE 304)

(ORDERING DESCRIPTION)

### 1 GENERAL:

This specification governs the quality requirements of Stainless Steel Bars (Austenitic), Solution Annealed to the latest version of ASTM A276M, Type 304 and comply with the following additional requirements.

### 2 APPLICATION:

For application requiring acid, corrosion and heat resistance.

### 3 CONDITION OF DELIVERY:

Cold / Hot rolled and solution annealed. Above 100mm size, forged bars are acceptable. The ends of bars shall be square and true. The bars shall be supplied in straight lengths.

### 4 DIMENSIONS AND TOLERANCES:

Bars shall be supplied to the dimensions specified on BHEL order. The tolerances on length, twist and straightness shall be as per ASTM A484M

### 5 CHEMICAL COMPOSITION:

As per ASTM A276M, Type 304.

### 6 TEST CERTIFICATES:

Three copies of test certificates shall be supplied, unless otherwise stated on the order. In addition, the supplier shall ensure to enclose one copy of the test certificate along with their despatch documents to facilitate quick clearance of the material.

The test certificate shall bear the following information:

#### BHEL References:

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#### Supplier's References:

Name

Identification No.

Melt No.

Details of heat treatment.

#### Result of Tests:

Dimensional inspection.

Results of chemical analysis, mechanical tests

#### Revisions:

Cl. 32.6.5 of MOM of MRC-S&GPS

#### APPROVED:

INTERPLANT MATERIAL RATIONALISATION  
COMMITTEE - MRC(S&GPS)

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