



**PLANT PURCHASING
SPECIFICATION
HYDERABAD**

HY 101 98

Rev. No: 01

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STRUCTURAL STEEL SECTIONS
(ORDERING DESCRIPTION FOR ASTM A36)

1.0 GENERAL:

This specification governs the requirements of Structural Steel Sections according to ASTM A36.

2.0 APPLICATION :

These sections, particularly wide flange beams are used in fabricating the mast and substructure of Oil Rigs.

3.0 COMPLIANCE WITH DELIVERY:

The Sections shall comply with the latest version of ASTM A36 and with the following additional requirements.

4.0 CONDITION OF DELIVERY :

Hot rolled.

5.0 DIMENSIONS AND TOLERANCES:

5.1 Sizes:

Sections shall be supplied to the dimensions specified on the order. Unless otherwise stated, they shall be supplied in lengths of 40 feet.

5.2 Tolerances:

Tolerances and general requirements shall be as per ASTM: A6.

6.0 CHEMICAL ANALYSIS:

The analysis of the material shall be as follows:

Revisions: General Revision			Issued : STANDARDS SECTION ENGINEERING DEPARTMENT		
Rev.NO. 01	Amd.NO. Feb 1992	Reaffirmed Matls Engg.	Prepared: Stds	Approved: AGM (G)	Date: SEPT.1984



Element	C	Cu
Min.	-	0.20
Max.	0.26	-
Permissible variation in product analysis	+0.04	-0.02

7.0 **TEST CERTIFICATE:**

Five copies of the test certificate with the following details shall be furnished.

- BHEL Order NO.
- HY 101 98 / Rev 01
- ASTM A36
- Name of supplier
- Results of chemical tests
- Results of mechanical tests

8.0 **MARKING:**

The following shall be legibly stamped/marked on each section.

- HY 101 98 (ASTM A36) / Rev 01
- BHEL Order No.
- Size & Length
- Supplier's Name



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9.0 REJECTION & REPLACEMENT

In the event of the material proving defective in the course of further processing at BHEL, the same shall be rejected notwithstanding any previous acceptance.

The supplier shall replace the material forging at his own cost and the rejected material shall be returned after all the commercial conditions are satisfied.