

	CORPORATE PURCHASING SPECIFICATION			AA10403		
				Rev No.00		
				PREFACE SHEET		
CARBON STEEL STRUCTURAL PLATES of ASTM A516 Grade-70 FOR INTERNAL USE ONLY REMOVE THIS PREFACE BEFORE ISSUE TO SUPPLIERS Equivalent/Comparable Standards: International : ASTM A516 Grade-70 User Plants and Replaced Plant Specifications/References: 1) BAP Ranipet : TDC:RTA:407 2) HPEP Hyderabad : HY10498						
Revisions: BAP Ranipet TDC:RTA:407 elevated to Corporate				APPROVED: INTERPLANT MATERIAL RATIONALISATION COMMITTEE – MRC(S&GPS)		
Rev No.00	Amd No.	Reaffirmed	Prepared	Issued	Dt. of 1 st Issue	
Dt:	Dt:	Year:	BAP, Ranipet	Corp.R&D	19-09-2016	

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CARBON STEEL STRUCTURAL PLATES of ASTM A516 Grade-70																				
1 Scope This Specification governs the requirements for the supply of plates as per ASTM A516 Grade 70. 2 Chemical & Mechanical properties The chemical composition and mechanical properties shall be as per the specification . 3 Supply Condition 3.1 If the plates are supplied in gas cut condition, plate thickness above 50 mm shall be preheated to 110°C before gas cutting. 3.2 Repair by fusion welding is prohibited. 3.3 The out of flatness shall be within 1mm/meter. 3.4 The steel shall be fully killed. 4 Non-destructive Testing & Acceptance All the plates shall be ultrasonically tested and accepted as per ASTM A578 level C. 5 MARKING Each plate shall be hard stamped and bordered with white paint within the following information: a) P O No.& Date b) Size & Quantity c) Specification d) Melt number e) Maker's identification																				
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="3" style="padding: 5px;"> Revisions: BAP Ranipet TDC:RTA:407 elevated to Corporate </td> <td colspan="3" style="text-align: center; padding: 5px;"> APPROVED: INTERPLANT MATERIAL RATIONALISATION COMMITTEE – MRC(S&GPS) </td> </tr> <tr> <td style="width: 20%; padding: 5px;">Rev No.00</td> <td style="width: 20%; padding: 5px;">Amd No.</td> <td style="width: 20%; padding: 5px;">Reaffirmed</td> <td style="width: 20%; padding: 5px; text-align: center;">Prepared</td> <td style="width: 20%; padding: 5px; text-align: center;">Issued</td> <td style="width: 20%; padding: 5px; text-align: center;">Dt. of 1st Issue</td> </tr> <tr> <td style="padding: 5px;">Dt:</td> <td style="padding: 5px;">Dt:</td> <td style="padding: 5px;">Year:</td> <td style="padding: 5px; text-align: center;">BAP, Ranipet</td> <td style="padding: 5px; text-align: center;">Corp.R&D</td> <td style="padding: 5px; text-align: center;">19-09-2016</td> </tr> </table>			Revisions: BAP Ranipet TDC:RTA:407 elevated to Corporate			APPROVED: INTERPLANT MATERIAL RATIONALISATION COMMITTEE – MRC(S&GPS)			Rev No.00	Amd No.	Reaffirmed	Prepared	Issued	Dt. of 1 st Issue	Dt:	Dt:	Year:	BAP, Ranipet	Corp.R&D	19-09-2016
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**6 TEST CERTIFICATES**

TC shall be in English and it shall contain:

- a) Purchase Order Number and Date
- b) AA10403
- c) Material Specification and Grade
- d) Drawing No (if applicable)
- e) Number & weight
- f) Chemical Composition (Each Melt wise)
- g) Mechanical Properties (Each Melt wise)
- h) Ultrasonic Testing Report (HT batch wise)

- 7 BHEL reserves the right to carry out test and to reject the items wherever non-conformance to the contract is noticed.

8 REFERRED STANDARDS (Latest Publications Including Amendments)

- 1) ASTM A578