

PSGSG/16-17/01	Product Specifications For Support Structure Assembly		Drg. No.	RD DG 4 35 0617 0070 RD DG 4 35 0617 0071
			Date	17.05.15
			Product	GSM 420
1.0	Application : The MS Support Structure Assembly to Drawing. No. RD DG 4 35 0617 0070, RD DG 4 35 0617 0071 is used for supporting various GIS Modules. The Support Structure Assembly shall meet following Specifications.			
2.0	Drawings : Strucrure1: RD DG435 0617 0070 Structure2: RD DG435 0617 0071			
3.0	SPECIFICATIONS:			
3.1	Material: Mild Steal Preferably Vizag Steel,Tata Steel,Jindal Steel.			
3.2	Standard seamless C Channel (ICMC 125X65), Rectangular Pipe(ISM100X100) ,Angles(ISMA40X40X5), Rods and Plate shall be used for fabrication as per drawings			
3.3	The welded sections shall be sized as per technique at all stages of welding. Inside edges/weld shall be fused to obtain near smooth weld surface.			
3.4	Component shall be Hot galvanized all over the surface.			
3.5	The dimensional checks carried out in presence of BHEL inspector. supplier has to approve at least one sample of each kind from BHEL inspector for further manufacturing.			
3.6	The accepted component shall be packed with suitable PVC covers.			
3.7	All Supplied items to be provided with warranty for 12 months from the date of dispatch.			
1/2	PSGSG/16-17/01.doc		 Signature SULABH AGARWAL SR. ENGINEER (GSG) BHEL R&D DIVN. VIKASNAGAR, HYDERABAD - 500 093.	

PSGSG/1 6-17/01	Product Specifications For Support Structure Assembly	Drg. No.	RD DG 4 35 0617 0070 RD DG 4 35 0617 0071
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3.6

Following certificates shall be furnished for acceptance of the component:

3.6.1 Material source certificate,

3.6.2 Material test certificate ,

3.6.3 Galvanization schedule

3.6.4 Warranty Certificate

A certified copy of above documents shall be sent along with the delivery

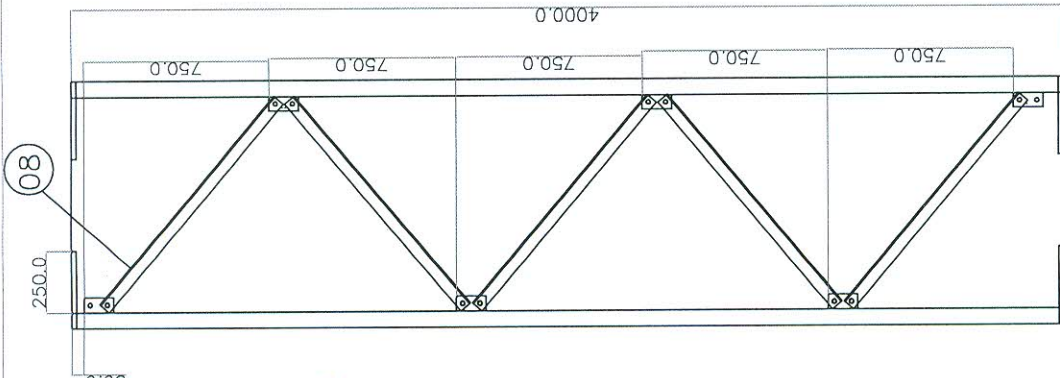
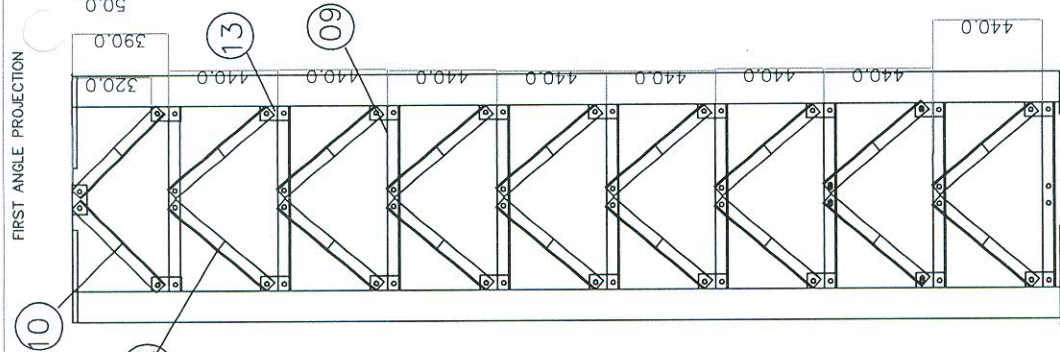
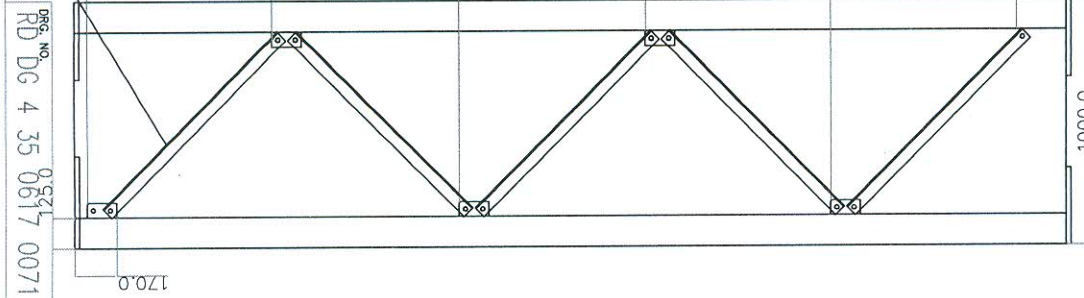
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The components shall be guaranteed against all manufacturing defects.

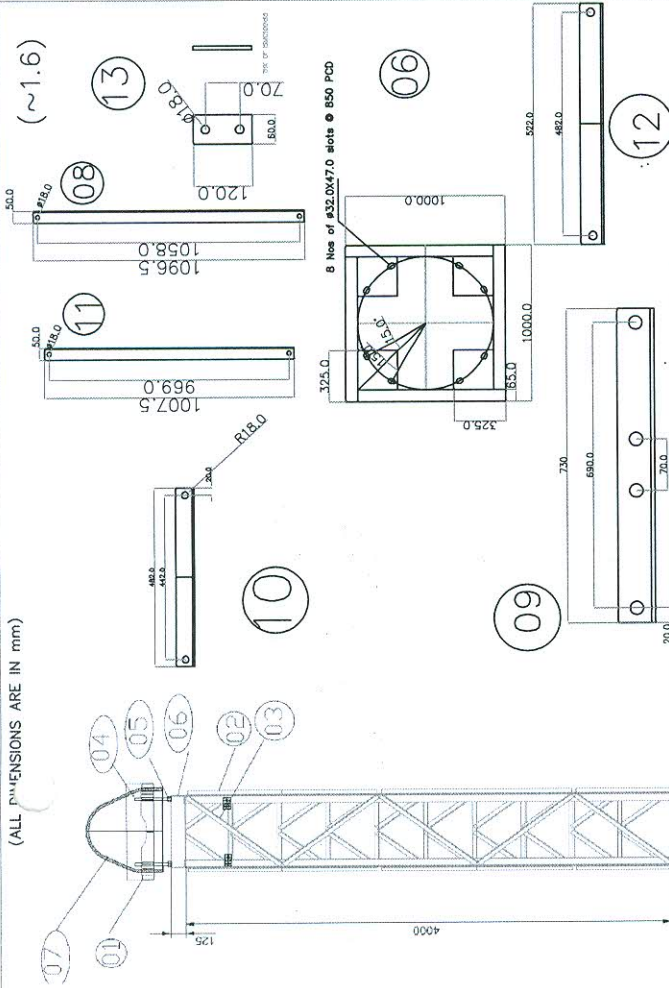
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In case of doubts in specifications, the supplier shall contact BHEL for clarifications.

2/2	PSGSG/16-17/01.doc		 Signature SULABH AGARWAL SR. ENGINEER (GSG) BHEL R&D DIVN. VIKASNAGAR, HYDERABAD - 500 093.
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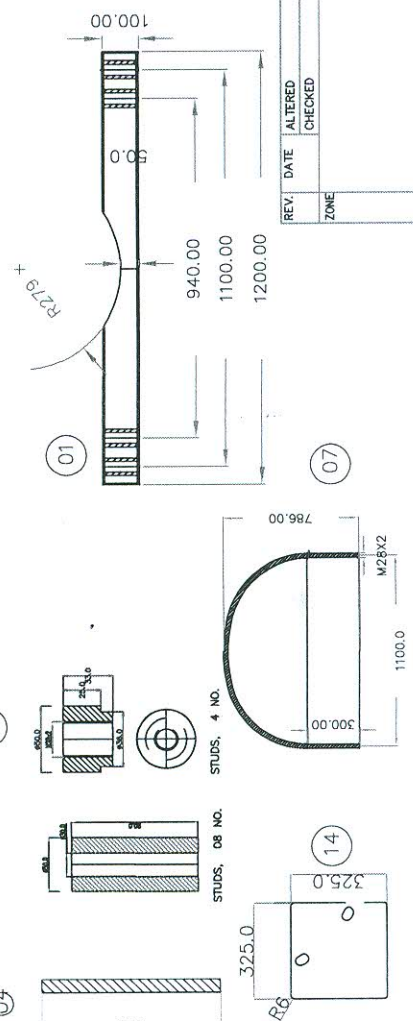
(ALL DIMENSIONS ARE IN mm)

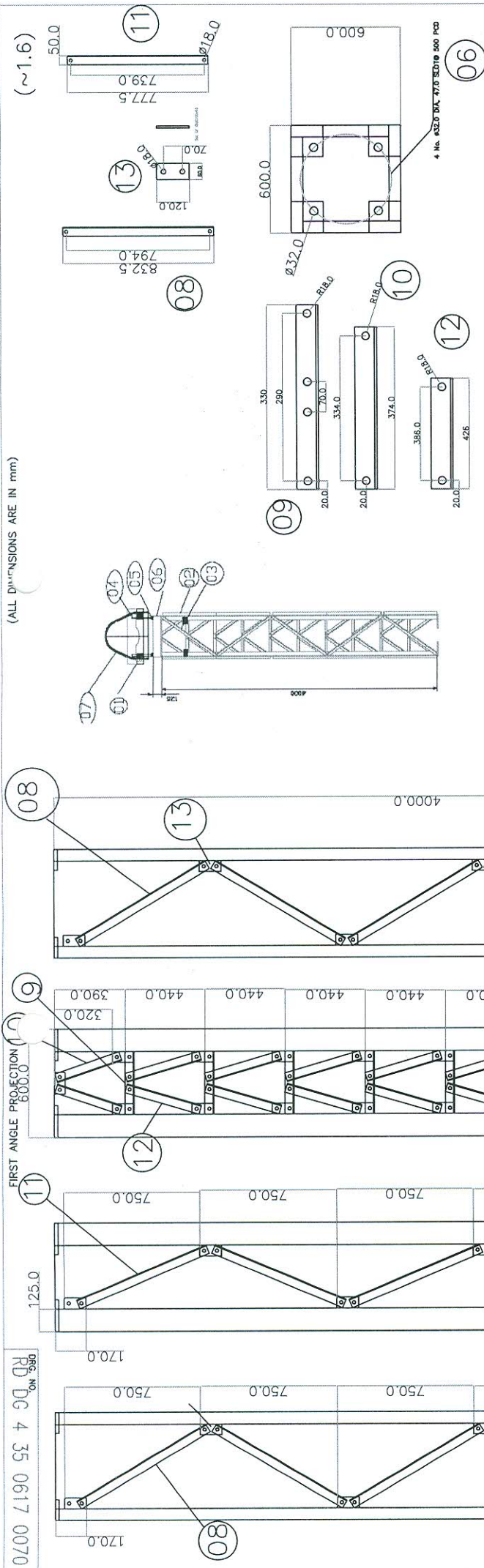


ITEM NO.	DESCRIPTION	VAR NO.	REMARKS	VAR NO.
01	SUPPORT BLOCK			
02	ISMA 125			
03	ISMA 40			
04	SUPPORT ROD			
05	STUD			
06	TOP FRAME			
07	TIE ROD			
08	ISMA Angle-1			
09	ISMA Angle-2			
10	ISMA Angle-3			
11	ISMA Angle-4			
12	ISMA Angle-5			
13	CLAMP PLATE			
14	GUSSET PLATE			

GSM-420

TYPE OF PRODUCT		NAME OF CUSTOMER		DATE		NO. OF VAR.	
BHARAT HEAVY ELECTRICALS LTD.		HYDERABAD		11.08.16		1	
DEPT.		SCALE		WEIGHT(KG)		CARD CODE	
TOL. DIM. C/M/F		NTS		6.8 KG		RD DG 4 35 0617 0000	
TITLE		SUPPORT STRUCTURE-II		DRAWING NO.		RD DG 4 35 0617 0071	
REV.		NO. OF SHEETS		SHEET NO.		1	



(21.6) 

VAR.00	REMARKS	VAR	ITEM NO.	VAR	DESCRIPTION	DRAWING NO.	IT.NO.	MATL CODE	A	UNIT WT.	QTY.	NO.
									C			
			14		Gusset Plate			MS		08		
			13		Clamp Plate			MS		37		
			12		ISMA Angle-5			MS		16		
			11		ISMA Angle-4			MS		05		
			10		ISMA Angle-3			MS		02		
			09		ISMA Angle-2			MS		09		
			08		ISMA Angle-1			MS		10		
			07		TIE ROD			MS		02		
			06		Top Frame			MS		01		
			05		STUD			MS		04		
			04		SUPPORT ROD			MS		04		
			03		ISMA 40			MS		As required		
			02		ISMC 125			MS		As required		
			01		SUPPORT BLOCK			MS		02		

TYPE OF PRODUCT		GSM-420									
NAME OF CUSTOMER		BHARAT HEAVY ELECTRICALS LTD. HYDERABAD									
	DEPT.	GRADE OF TOL DIM.	SCALE	WEIGHT(KG)	APPD	DRN	NAME	SIGN.	DATE	NO. OF VAR.	
	CODE	C/M/F		NTS		CKD	SA		11.08.16		
TITLE		SUPPORT STRUCTURE-I			RD DG 4 35 0617 0000		RD DG 4 35 0617 0000		1	NO. OF ITEMS	
					CARD CODE		DRAWING NO.		REV.	NO. OF SHEETS	
							RD DG 4 35 0617 0070		1		
							SHEET NO.				

REV.	DATE	ALTERED	DATE	ALTERED
		CHECKED		CHECKED
ZONE	ZONE			

175.0

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INVENTORY NO.	SIGN. AND DATE	RI
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STUDS, 08 NO.

STUDS, 4 NO.

M28X2X300

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