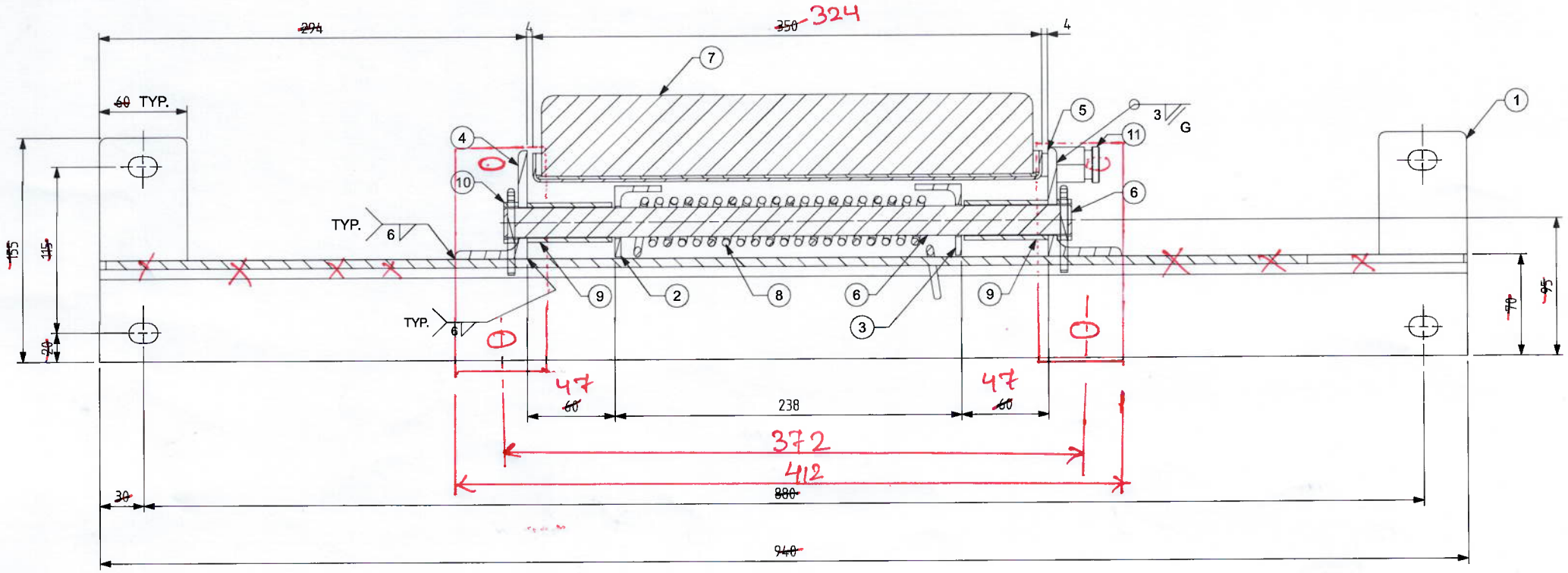
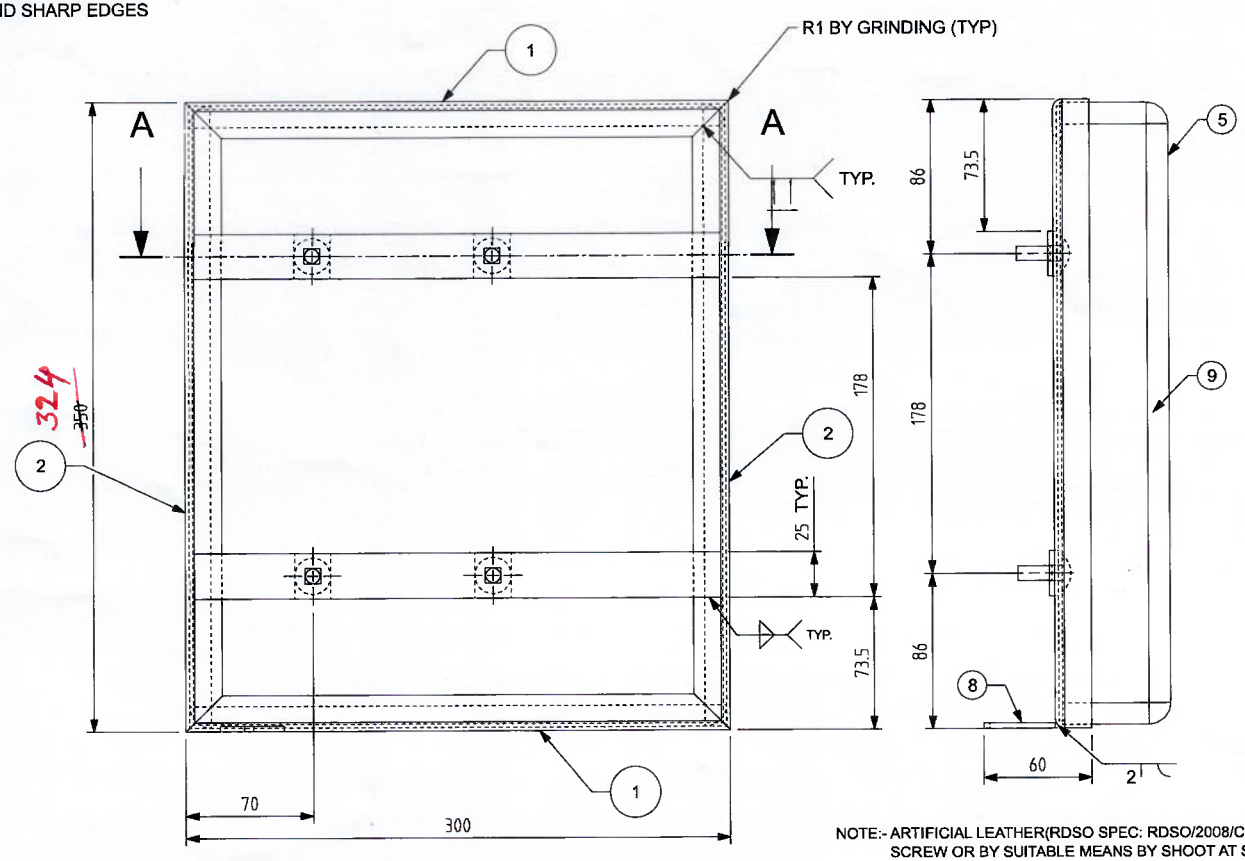


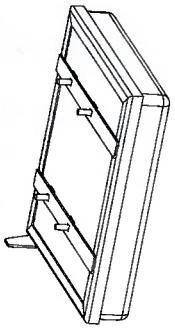
SECTION A-A
SCALE 1:2

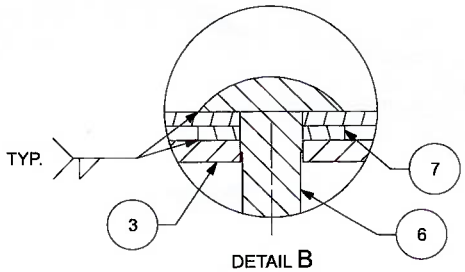
RED WORK

DRG No - 1209-08-081-301
INSPECTOR SEAT ASSEMBLY

SURFACE ROUGHNESS Ra VALUES IN µm
REMOVE ALL BURRS AND SHARP EDGES

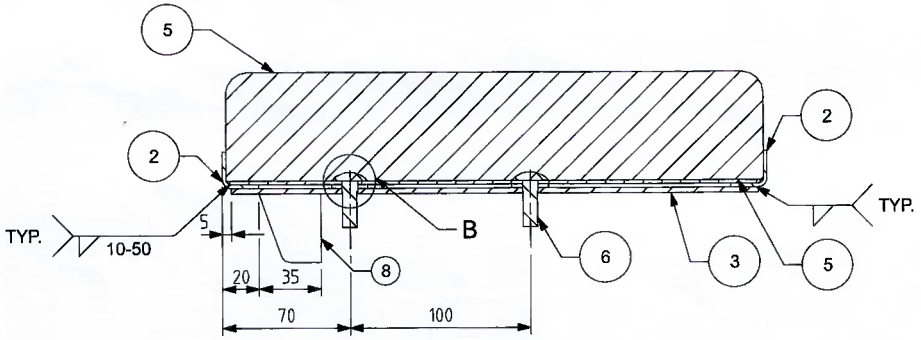






DETAIL B
SCALE 2:1

NOTE:- ARTIFICIAL LEATHER(RDSO SPEC: RDSO/2008/CG-07 CUSHION TOP COVER TO BE SECURED FIRMLY IN FRAME WITH THE HELP OF SCREW OR BY SUITABLE MEANS BY SHOOT AT SITE AT SUITABLE PITCH WHICH IS NOT SHOWN IN DRAWING.



SECTION A-A
SCALE 1:2

REF NO.	C&D NO.	PART DRG. NO.	DESCRIPTION	QTY.	MATL	SPECN	WT. EACH IN K.G.
9			ARTIFICIAL LEATHER FOR CUSHION COVER		ARTIFICIAL LEATHER	RDSO/2008/CG-07	
8	/	1209-08.431-340	SIDE PLATE	1	STEEL	IRS M41 Gr. I	0.02
7	/	1209-08.431-319	SQ. WELD WASHER	4	STEEL	IRS:M41-Gr. I	
6	/	1209-08.431-318	M8 MUSHROOM HEAD SQ. NECK BOLT	4	STAINLESS STEEL	St. Steel Gr. 304	
5	/	1209-08.331-317	SEAT CUSHION	1	PU FOAM	RDSO/2007/CG-04	
4	/	1209-08.331-316	SHEET FOR CUSHION SUPPORT	1	STEEL	IRS:M41-Gr. I	1.56
3	/	1209-08.331-315	FLAT FOR SEAT SUPPORT	2	STEEL	IRS:M41-Gr. I	0.16
2	/	1209-08.331-314	ANGLE SEAT FRAME HORIZONTAL	2	STEEL	IRS:M41-Gr. I	0.19
1	/	1209-08.331-313	ANGLE SEAT FRAME VERTICAL	2	STEEL	IRS:M41-Gr. I	0.16

चित्तरंजन रेलइंजन कारखाना
CHITTARANJAN LOCOMOTIVE WORKS, INDIA

SEAT ASSEMBLY

1209-08.231-312

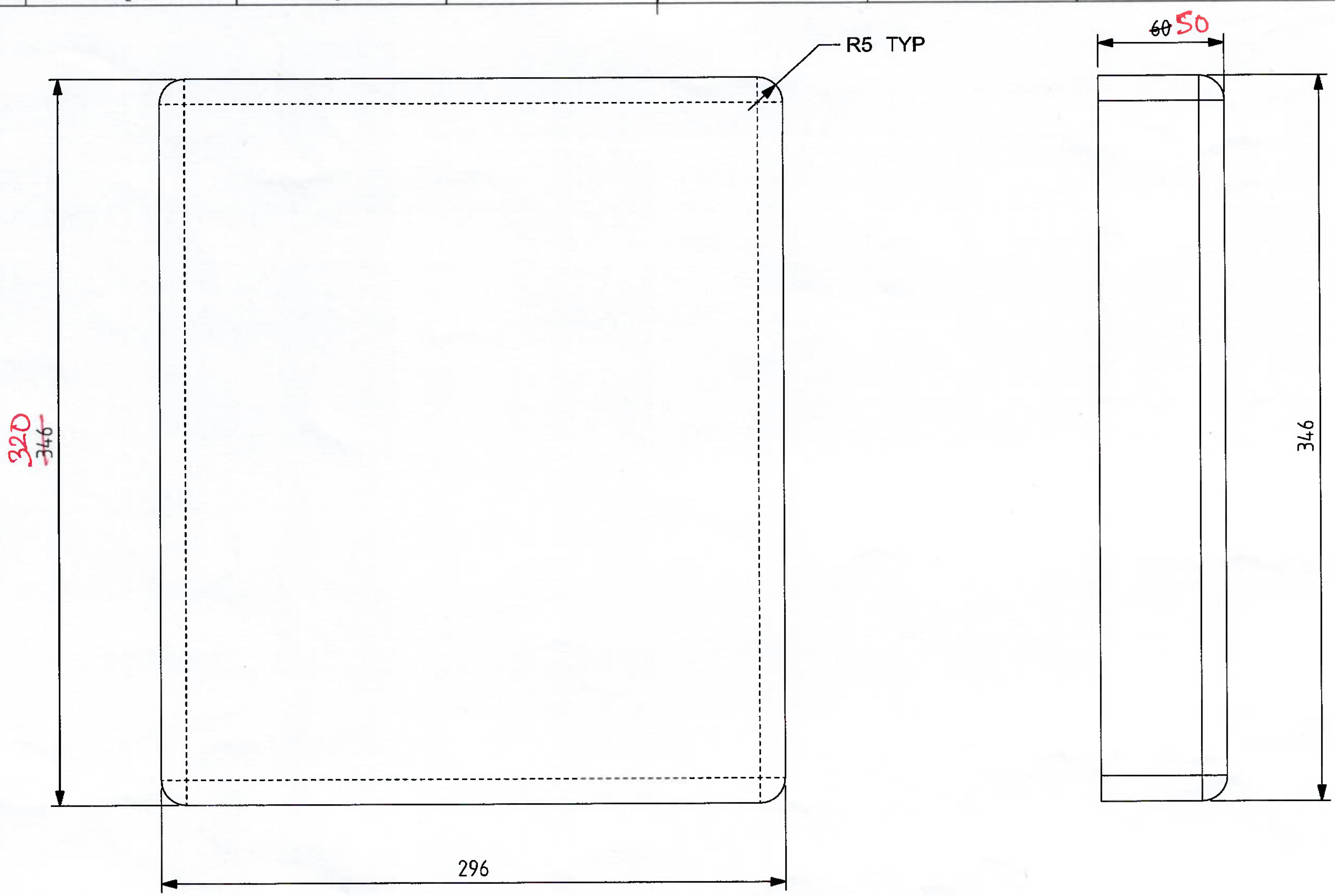
A2

1. ALL DIMENSIONS ARE IN mm
2. NEXT ASSLY. DRG. NO- 1209-08.031-301
3. QTY/LOCO:-02 NOS.
4. UNSPECIFIED TOLERANCE IN THE DIMENSIONS MENTIONED AT DRAWINGS TO BE FOLLOWED AS PER IS:2102 (PART 1):1993-TOLERANCE CLASS-MEDIUM OF TABLE-1

DY.CEE D-II DIMENSION 324 WAS 350

RED WORK

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1. ALL DIMENSIONS ARE IN mm
2. NEXT ASSLY. DRG. NO-1209-08.231-312
3. QTY/LOCO:-02 NOS.

धातु–वेल्डन चिन्ह भा. मा. : 813 / अ. मा. सं. :2553 WELDING SYMBOLS TO IS:813 / ISO:2553	अनिर्दिष्ट सह्य – सीमा भा. मा. : 2102 / अ. मा. सं. : 2768 UNSPECIFIED TOLEARANCE TO IS : 2102 / ISO : 2768												TOL. CLS.
	पदांक GRADE NO.	सं1 N1	सं2 N2	सं3 N3	सं4 N4	सं5 N5	सं6 N6	सं7 N7	सं8 N8	सं9 N9	सं10 N10	सं11 N11	सं12 N12
सतह – रूक्षता का मान भा. मा. 3073 / अ. मा. सं. 1302 SURFACE ROUGHNESS VALUE TO IS:3073 / ISO:1302	Rz	0.16-0.3	0.5-0.7	0.9-1.1	1.5-2.0	2.5-3.0	5.0-6.3	9.0-12	16-25	30-40	50-63	75-100	160-250
	Ra μm	0.025	0.05	0.1	0.2	0.4	0.8	1.6	3.2	6.3	12.5	25	50
	चिन्ह SYMBOL	▽▽▽▽			▽▽▽			▽▽			▽		~

परिवर्तन संख्या ALT. NO.	प्राधिकार AUTHY	वर्णन DESCRIPTION	दिनांकित आद्याक्षर DATED INITIAL
1	Dy.CEE D-III	DIMENSIN 50 & 320 WERE 60 AND 346	
0			

अभिकल्पित DGN		
जाँचा व.ख.अ. CHD SSE	RAVI KUMAR SUMAN	
समीक्षित स.वि.अ. / व.वि.अ. REVIEWED AEE / SEE		
अनुमोदित उ.मु.वि.अ. APPROVED DYCEE	AMIT AGGARWAL	
दिनांक DATE		
ऐखिक अनुपात SCALE	1:2	
संदर्भ / REF. ALT-		

चितरंजन रेलइंजन कारखाना
CHITTARANJAN LOCOMOTIVE WORKS, INDIA

पदार्थ MATL	PU FOAM	प्रति भार कि. ग्रा. WT. EACH IN KG	
विशिष्टि SPECN	RDSO/2007/CG-04		
वर्णन DESCRIPTION	SEAT CUSHION		
आरेखण संख्या DRAWING NO.	1209-08.331-317		
परिवर्तन संख्या ALTERATION NO.	0	पर्ण SHEET	1 OF 1

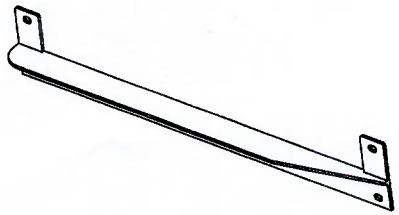
A3

RED WORK

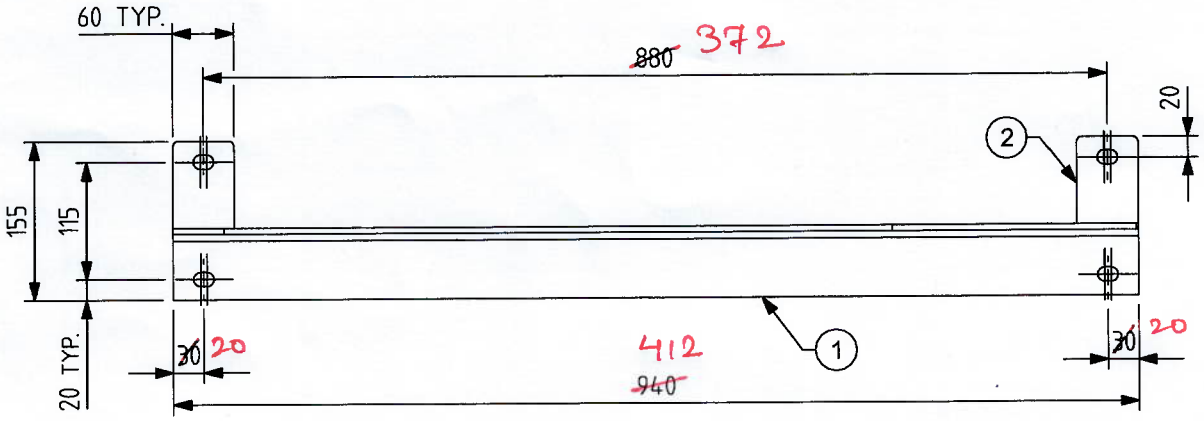
REDRAWN BY COE

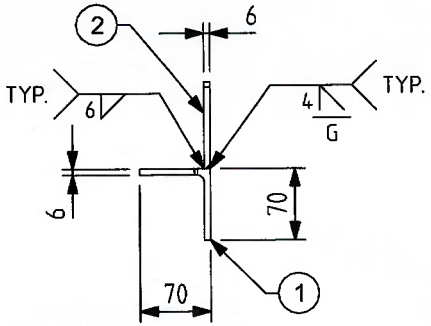
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SURFACE ROUGHNESS Ra VALUES IN µm
REMOVE ALL BURRS AND SHARP EDGES









1. ALL DIMENSIONS ARE IN mm
2. NEXT ASSLY. DRG. NO- 1209-08.031-301
3. QTY/LOCO:-02 NOS.
4. UNSPECIFIED TOLERANCE IN THE DIMENSIONS MENTIONED AT DRAWINGS TO BE FOLLOWED AS PER IS:2102 (PART 1):1993-TOLERANCE CLASS-MEDIUM OF TABLE-1

REF. NO.	C&D NO.	PART DRG. NO.	DESCRIPTION	QTY.	MATL	SPECN	WT. EACH IN K.G.
2	/	1209-08.431-304	FLAT SUPPORT BRACKET	2	STEEL	IS:2062:2011 Gr.E250 QUALITY-C KILLED NORMALIZED	0.22
1	/	1209-08.231-303	ANGLE SUPPORT	1	STEEL	IS:2062:2011 Gr.E250 QUALITY-C KILLED NORMALIZED	5.70

अनिकनिपत DGN	
चीफ एस.एस. CHD SSE	RAVI KUMAR SUMAN
पुनरीक्षित व.डि.अ. / व.मि.अ. REVIEWED AEE / SEE	
अनुमोदित व.मु.डि.अ. APPROVED DYCEE	AMIT AGGARWAL
दिनांक DATE	
रेखिक अनुपात SCALE	1:5
संदर्भ / REF.	ALT:-

चितरंजन रेलइंजन कारखाना
CHITTARANJAN LOCOMOTIVE WORKS, INDIA

पदार्थ MATL	प्रति भार कि. ग्रा. WT. EACH IN KG 6.2
विशिष्टि SPECN	
वर्णन DESCRIPTION	ANGLE SUPPORT ASSEMBLY
आरेखण संख्या DRAWING NO.	1209-08.331-302
परिवर्तन संख्या ALTERATION NO. 0	पृष्ठ SHEET 1 OF 1 — A3

धातु–रेखन चिन्ह
भा. मा. : 813 / अ. मा. सं. :2553
WELDING SYMBOLS TO IS:813 / ISO:2553

सतह – रुक्षता का मान
भा. मा. 3073 / अ. मा. सं. 1302
SURFACE ROUGHNESS VALUE TO IS:3073 / ISO:1302

अनिर्दिष्ट सह्य – सीमा भा. मा. : 2102 / अ. मा. सं. : 2768
UNSPECIFIED TOLERANCE TO IS : 2102 / ISO : 2768

ग्रेड GRADE NO.	सं1 N1	सं2 N2	सं3 N3	सं4 N4	सं5 N5	सं6 N6	सं7 N7	सं8 N8	सं9 N9	सं10 N10	सं11 N11	सं12 N12
Rz	0.16-0.3	0.5-0.7	0.9-1.1	1.5-2.0	2.5-3.0	5.0-6.3	9.0-12	16-25	30-40	50-63	75-100	100-250
Ra µm	0.025	0.05	0.1	0.2	0.4	0.8	1.6	3.2	6.3	12.5	25	50
चिन्ह SYMBOL												

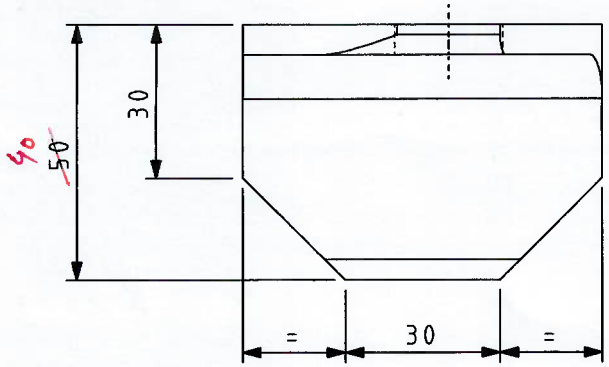
परिवर्तन संख्या ALT. NO.	प्राधिकार AUTHY	वर्णन DESCRIPTION	दिनांकित आद्याक्षर DATED INITIAL
0	DYCEE P.III	DIMENSION 20, 372 & 412 WERE 30, 880 & 940	

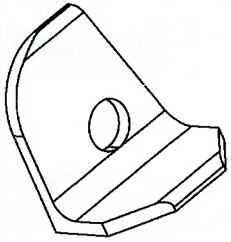
RED WORK

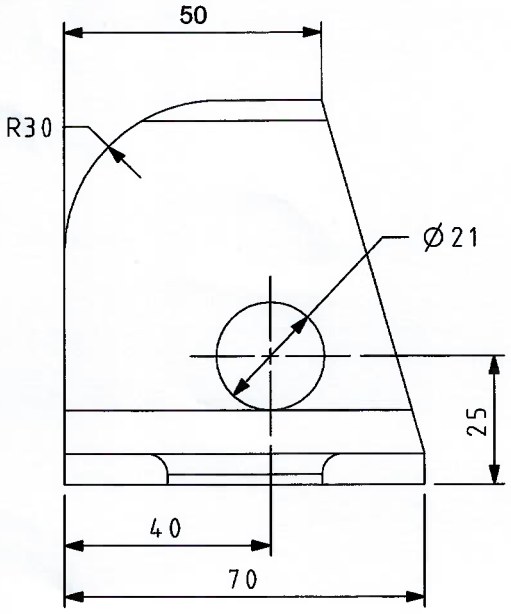
REDRAWN BY COE

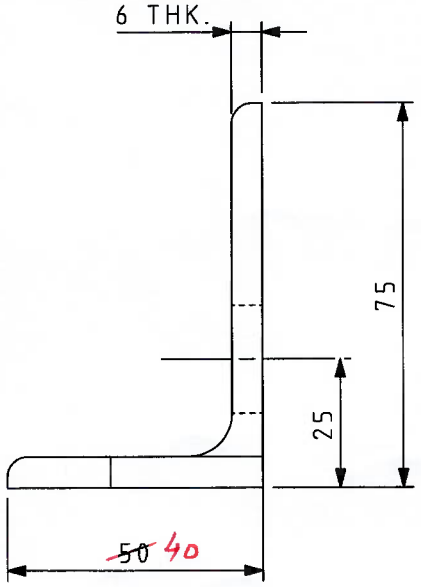
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SURFACE ROUGHNESS Ra VALUES IN µm
REMOVE ALL BURRS AND SHARP EDGES









1. ALL DIMENSIONS ARE IN mm
2. NEXT ASSLY. DRG. NO-1209-08.031-301
3. QTY/LOCO:-02 NOS. 40
4. MATERIAL SIZE- ISA 50 X 75 X 6THK. TO IS:808.
5. UNSPECIFIED TOLERANCE IN THE DIMENSIONS MENTIONED AT DRAWINGS TO BE FOLLOWED AS PER IS:2102 (PART 1):1993-TOLERANCE CLASS-MEDIUM OF TABLE-1

धातु–वेल्डन चिन्ह भा. मा. : 813 / अ. मा. सं. :2553 WELDING SYMBOLS TO IS:813 / ISO:2553	अनिर्दिष्ट सह्य – सीमा भा. मा. : 2102 / अ. मा. सं. : 2768 UNSPECIFIED TOLERANCE TO IS : 2102 / ISO : 2768											TOL. CLS.
	ग्रेड GRADE NO.	सं1 M1	सं2 M2	सं3 M3	सं4 M4	सं5 M5	सं6 M6	सं7 M7	सं8 M8	सं9 M9	सं10 M10	सं11 M11	सं12 M12
सतह – खुरदरा का मान भा. मा. 3073 / अ. मा. सं. 1302 SURFACE ROUGHNESS VALUE TO IS:3073 / ISO:1302	R_z	0.16-0.3	0.5-0.7	0.9-1.1	1.5-2.0	2.5-3.0	5.0-6.3	9.0-12	16-25	30-40	50-63	75-100	160-250
	R_a µm	0.025	0.05	0.1	0.2	0.4	0.8	1.6	3.2	6.3	12.5	25	50
	चिन्ह SYMBOL												

परिवर्तन संख्या AUT. NO.	प्राधिकार AUTHY	वर्णन DESCRIPTION	दिनांकित आद्याक्षर DATED INITIAL
0			
1	DY.CEE D-III	DIMENSION 40 WAS 50.	

अभिरचित DGN		
जाँचा गया CHD SSE	RAVI KUMAR SUMAN	
समीक्षित REVIEWED AEE / SEE		
अनुमोदित APPROVED DYCEE	AMIT AGGARWAL	
दिनांक DATE		
पैमाना SCALE	1:1	
संदर्भ / REF.	ALT.-	

चितरंजन रेलइंजन कारखाना
CHITTARANJAN LOCOMOTIVE WORKS, INDIA

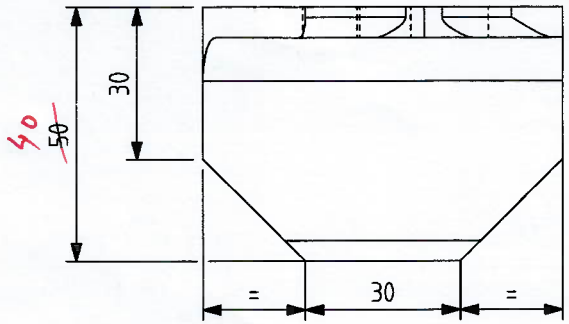
पदार्थ MATL	STEEL	प्रति भाग कि. ग्रा. WT. EACH IN KG	0.27
विशिष्टि SPECN	IS:2062:2011 Gr.E250 QUALITY-C KILLED NORMALIZED		
वर्णन DESCRIPTION	HINGE SUPPORT LH		
आरेखण संख्या DRAWING NO.	1209-08.331-309		
परिवर्तन संख्या ALTERATION NO.	0	पृष्ठ SHEET	1 OF 1
			A3

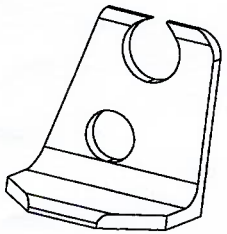
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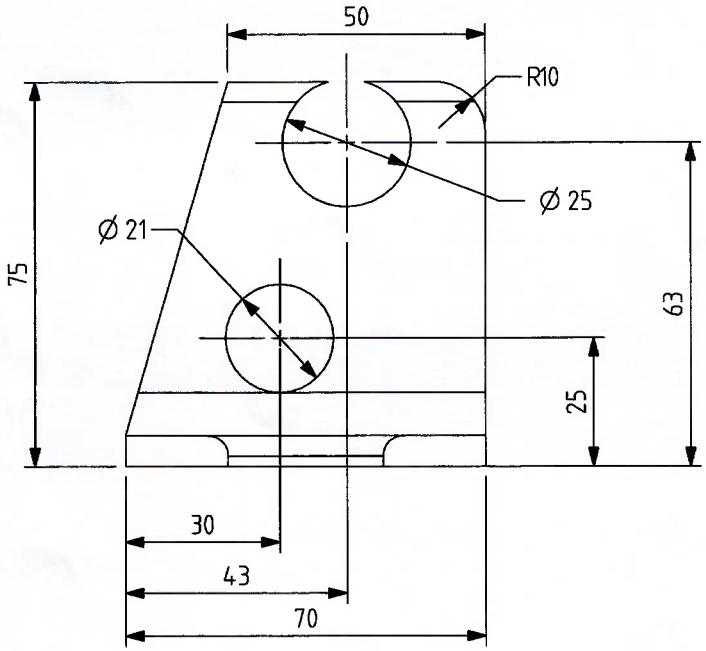
RED WORK

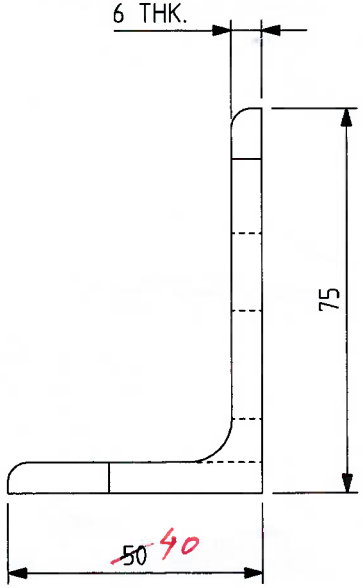
REDRAWN BY COE

SURFACE ROUGHNESS Ra VALUES IN µm
REMOVE ALL BURRS AND SHARP EDGES









1. ALL DIMENSIONS ARE IN mm
2. NEXT ASSLY. DRG. NO-1209-08.031-301
3. QTY/LOCO:-02 NOS. 40
4. MATERIAL SIZE- ISA 50 X 75 X 6THK. TO IS:808.
5. UNSPECIFIED TOLERANCE IN THE DIMENSIONS MENTIONED AT DRAWINGS TO BE FOLLOWED AS PER IS:2102 (PART 1):1993-TOLERANCE CLASS-MEDIUM OF TABLE-1

धातु–वेल्डन चिन्ह भा. मा. : 813 / अ. मा. सं. :2553 WELDING SYMBOLS TO IS:813 / ISO:2553	अनिर्दिष्ट सह्यता – सीमा भा. मा. : 2102 / अ. मा. सं. : 2768 UNSPECIFIED TOLERANCE TO IS : 2102 / ISO : 2768												TOL. CLS.
	ग्रेड GRADE NO.	सं1 N1	सं2 N2	सं3 N3	सं4 N4	सं5 N5	सं6 N6	सं7 N7	सं8 N8	सं9 N9	सं10 N10	सं11 N11	सं12 N12
सतह – रुक्षता का मान भा. मा. 3073 / अ. मा. सं. 1302 SURFACE ROUGHNESS VALUE TO IS:3073 / ISO:1302	Rz	0.16-0.3	0.5-0.7	0.9-1.1	1.5-2.0	2.5-3.0	5.0-6.3	9.0-12	16-25	30-40	50-63	75-100	160-250
	Ra µm	0.025	0.05	0.1	0.2	0.4	0.8	1.6	3.2	6.3	12.5	25	50
	चिन्ह SYMBOL	▽▽▽		▽▽▽		▽▽		▽					

परिवर्तन संख्या ALT. NO.	प्राधिकार AUTHY	वर्णन DESCRIPTION	दिनांकित आद्याक्षर DATED INITIAL
0			
1	DyCEE Dmj	DIMENSION 40 WAS 50.	

अभिनिर्णय DGN		
जाँच च.अ.अ. CHD SSE	RAVI KUMAR SUMAN	
पुनरीक्षित च.इ./च.सि.अ. REVIEWED AEE / SEE		
अनुमोदित च.इ.सि.अ. APPROVED DYCEE	AMIT AGGA RWAL	
दिनांक DATE		
रेखिक अनुपात SCALE	1:1	
संदर्भ / REF.	ALT:-	

चितरंजन रेलइंजन कारखाना
CHITTARANJAN LOCOMOTIVE WORKS, INDIA

पदार्थ MATL	STEEL	प्रति भाग कि. ग्रा. WT. EACH IN KG	0.27
विशिष्टि SPECN	IS:2062:2011 Gr.E250 QUALITY-C KILLED NORMALIZED		
वर्णन DESCRIPTION	HINGE SUPPORT RH		
आरेखन संख्या DRAWING NO.	1209-08.331-310		
परिवर्तन संख्या ALTERATION NO.	0	पृष्ठ SHEET	1 OF 1
			A3

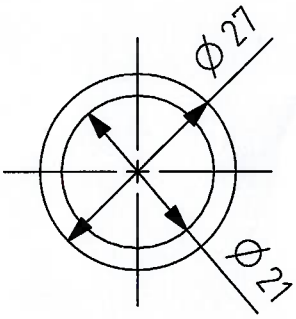
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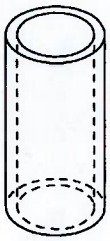
RED WORK

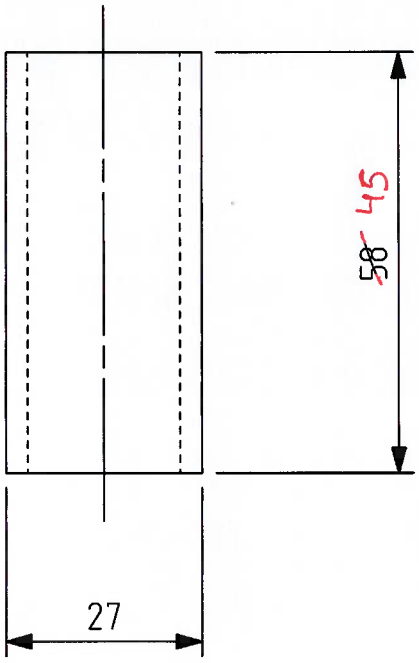
REDRAWN BY COE

1209-08.431-322

SURFACE ROUGHNESS Ra VALUES IN µm
REMOVE ALL BURRS AND SHARP EDGES







1. ALL DIMENSIONS ARE IN mm
2. NEXT ASSLY. DRG. NO-1209-08.031-301
3. QTY/LOCO:-04 NOS.

परिवर्तन संख्या ALT.NO.	प्राधिकार AUTHY	वर्णन DESCRIPTION	दिनांक व हस्ताक्षर DATED INITIAL
1	DY.CEE D-III	DIMENSION 45 WAS 58.	
0			

सतह – रुक्षता का मान भा. मा. 3073 / अ. मा. सं. 1302 SURFACE ROUGHNESS VALUE TO IS:3073 / ISO:1302	अनिर्दिष्ट सह – सीमा भा. मा. : 2102 / अ. मा. सं. : 2768 UNSPECIFIED TOLEARANCE TO IS : 2102 / ISO : 2768		TOL. CLS.
	धातु–वेल्डन चिन्ह भा. मा. : 813 / अ. मा. सं. :2553 WELDING SYMBOLS TO IS:813 / ISO:2553		

ग्रेडांक GRADE NO.	सं1 N1	सं2 N2	सं3 N3	सं4 N4	सं5 N5	सं6 N6	सं7 N7	सं8 N8	सं9 N9	सं10 N10	सं11 N11	सं12 N12
Rz	0.16-0.3	0.5-0.7	0.9-1.1	1.5-2.0	2.5-3.8	5.0-6.3	9.0-12	16-25	30-40	50-63	75-100	160-250
Ra µm	0.025	0.05	0.1	0.2	0.4	0.8	1.6	3.2	6.3	12.5	25	50
चिन्ह SYMBOL												

अभिकल्पित DGN		
जाँचा व.अ.अ. CHD SSE	RAVI KUMAR SUMAN	
समीक्षित स.वि.अ. / व.वि.अ. REVIEWED AEE / SEE		
अनुमोदित उ.मु.वि.अ. APPROVED DYCEE	AMIT AGGA RWAL	
दिनांक DATE		
रैखिक अनुपात SCALE	1:1	
संदर्भ / REF.		ALT.-

चितरंजन रेलइंजन कारखाना
CHITTARANJAN LOCOMOTIVE WORKS, INDIA

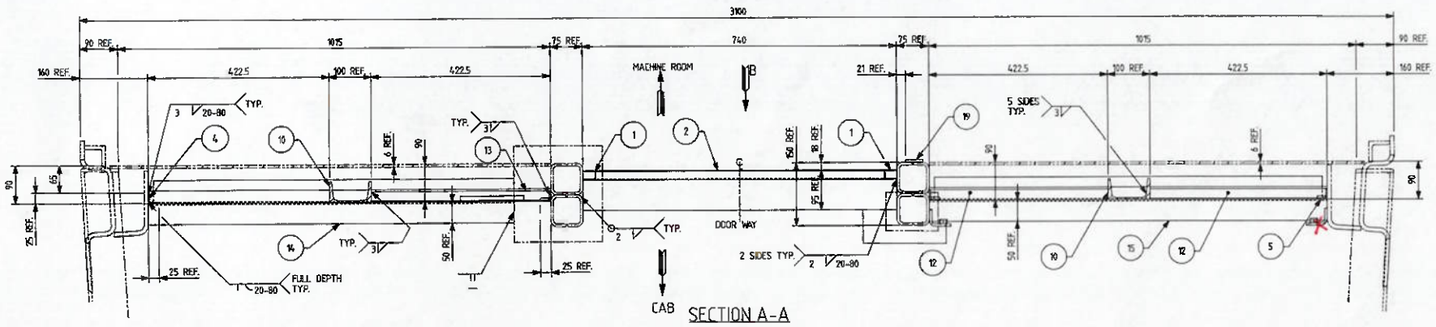
पदार्थ MATL	STAINLESS STEEL	प्रति भार कि. ग्रा. WT. EACH IN KG	0.10
विशिष्टि SPECN	ASTM A-240, Gr-304		
वर्णन DESCRIPTION	BUSH FOR SEAT POSITION		
आरेखण संख्या DRAWING NO.	1209-08.431-322		
परिवर्तन संख्या ALTERATION. NO.	0	पर्ण SHEET 1 OF 1	A4

REDRAWN BY COE
RED WORK.

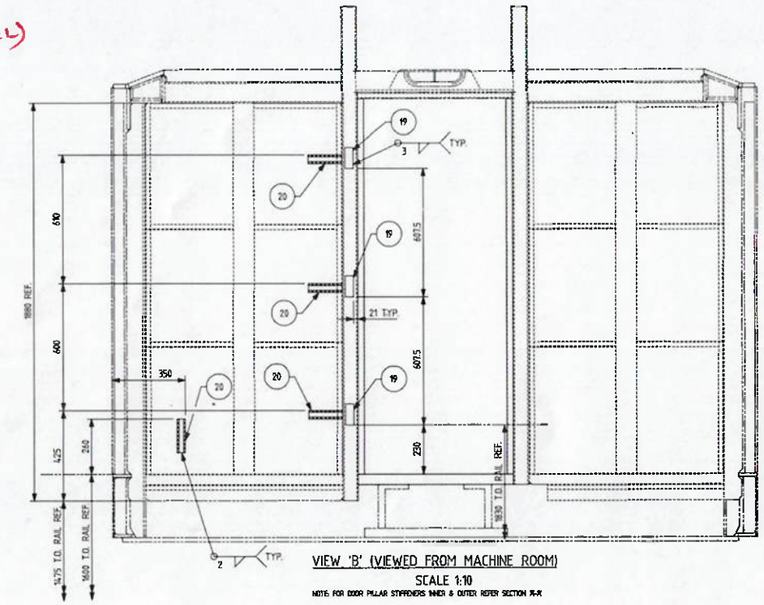
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SURFACE ROUGHNESS Ra VALUES IN µm
REMOVE ALL BURRS & SHARP EDGES

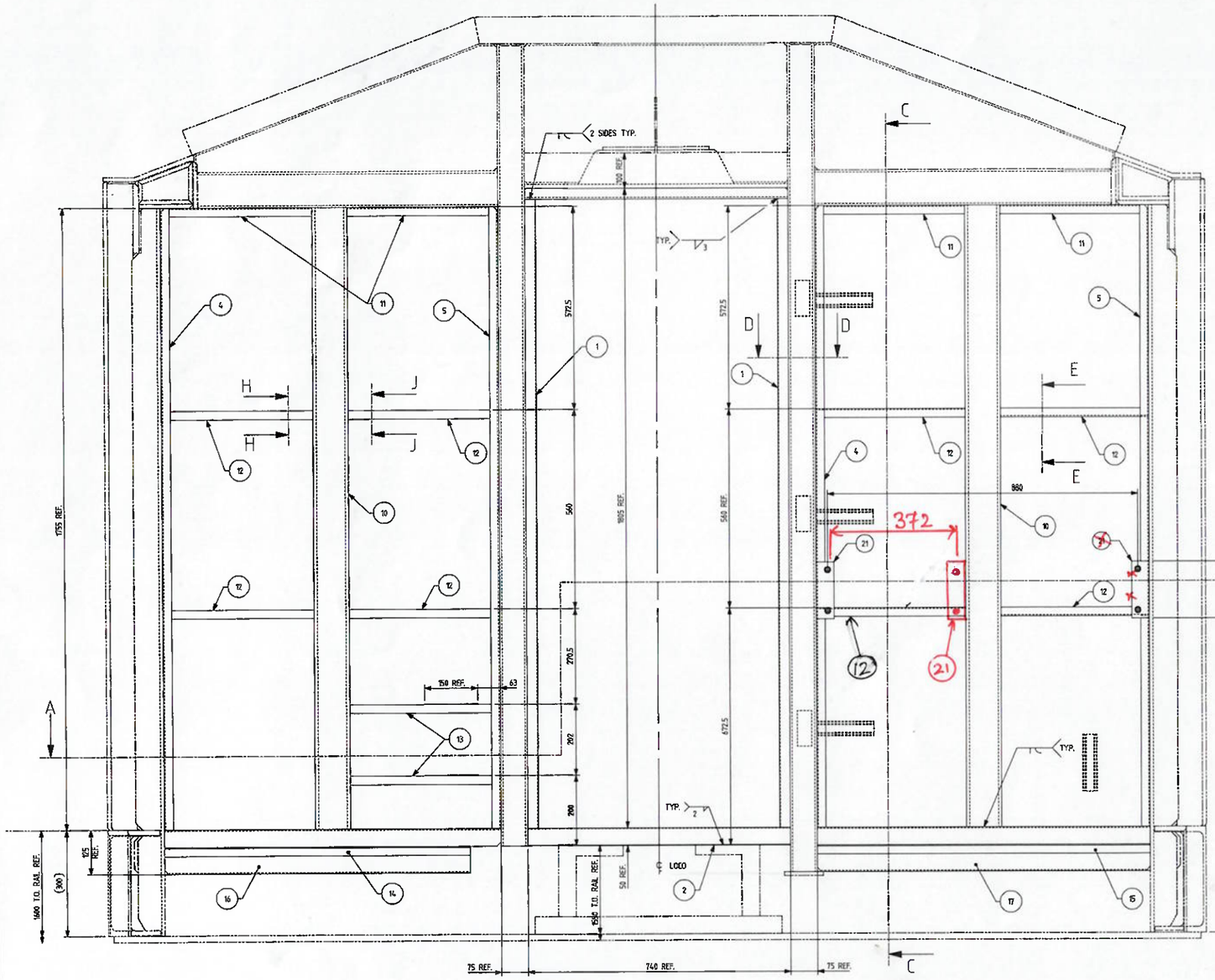
NOTE):- ITEM NO. 21 (FIXING BKT ASSLY) SHALL BE WELDED SUCH THAT ITS OUTER SURFACE MATCHES WITH THE OUTER SURFACE OF ITEM NO.10 (CHANNEL)



SECTION A-A



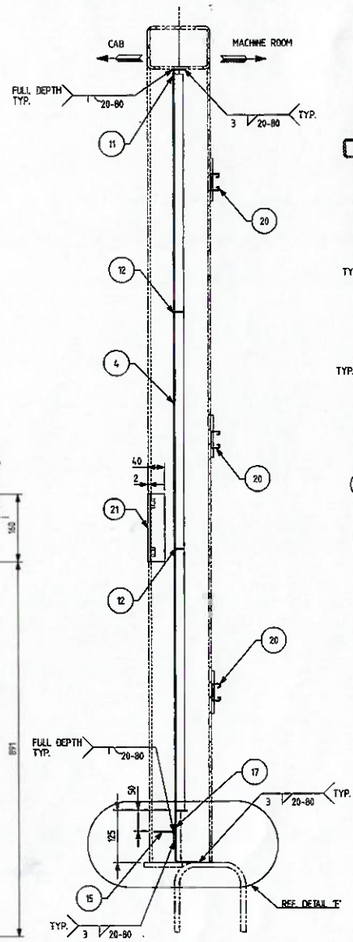
VIEW 'B' (VIEWED FROM MACHINE ROOM)
SCALE 1:10
NOTE: FOR DOOR PILLAR STIFFENERS INNER & OUTER REFER SECTION 'A-A'



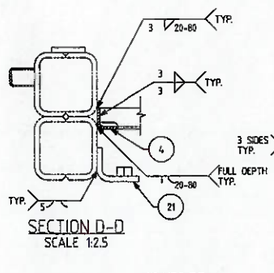
ELEVATION ON REAR WALL (VIEWED FROM CAB)

SCALE 1:5

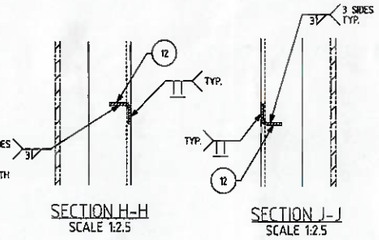
NOTE: FOR DOOR PILLAR STIFFENERS INNER & OUTER REFER SECTION 'A-A'



SECTION C-C

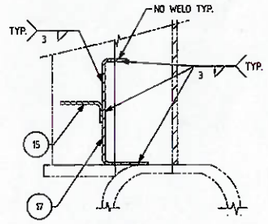


SECTION D-D
SCALE 1:2.5



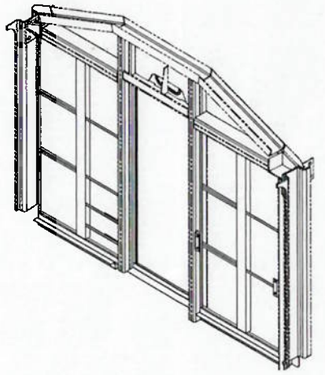
SECTION H-H
SCALE 1:2.5

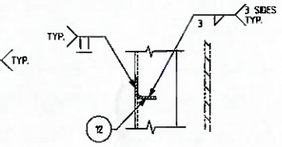
SECTION J-J
SCALE 1:2.5



DETAIL F
SCALE 1:2.5

NOTE: ITEM NO 4 NOT SHOWN FOR CLARITY. REFER SECTION 'C'-'C'





SECTION E-E
SCALE 1:2.5

ITEM NO.	C&D NO.	PART DRG. NO.	DESCRIPTION	QTY.	MATL	SPECN	WT. EACH IN K.G.
21	/	1209-08.031-369	FIXING BRACKET ASSEMBLY	2			0.58
20	T306/295	1209-18.306-120-010	P300 CHANNEL UNISTRUT 060 LG.	4	STEEL	IS:5986 PE 410	0.30
19	T306/296	1209-09.431-099	PLATE MACHINE ROOM DOOR	3	STEEL	IS:2062:2011 Gr. E250 CU QUALITY-C, KILLED NORMALIZED	0.18
17	T306/294	1209-08.331-096	CHANNEL	1	STEEL	RS: M-41 GR. I	4.40
16	T306/293	1209-08.331-095	CHANNEL	1	STEEL	RS: M-41 GR. I	4.10
15	T306/292	1209-08.331-094	ANGLE	1	STEEL	RS: M-41 GR. I	1.50
14	T306/291	1209-08.331-093	ANGLE	1	STEEL	RS: M-41 GR. I	1.40
13	T306/346	1209-08.331-097	ANGLE ASSEMBLY	2			0.65
12	T306/289	1209-08.331-090	ANGLE	8	STEEL	RS: M-41 GR. I	0.40
11	T306/288	1209-08.331-089	ANGLE	4	STEEL	RS: M-41 GR. I	0.45
10	T306/287	1209-08.331-088	CHANNEL	2	STEEL	IS:2062:2011 Gr. E250 CU QUALITY-C, KILLED NORMALIZED	16.40
5	T306/285	1209-08.331-087	ANGLE	2	STEEL	RS: M-41 GR. I	1.80
4	T306/284	1209-08.331-086	ANGLE	2	STEEL	RS: M-41 GR. I	1.80
2	T310/087	1209-08.331-078	DOOR JAMB ASSY CAB FLOOR	1			2.11
1	T306/282	1209-08.331-077-001	DOOR STOP	2	STEEL	RS: M-41 GR. I	2.86

चित्तरंजन रेलइंजन कारखाना
CHITTARANJAN LOCOMOTIVE WORKS, INDIA

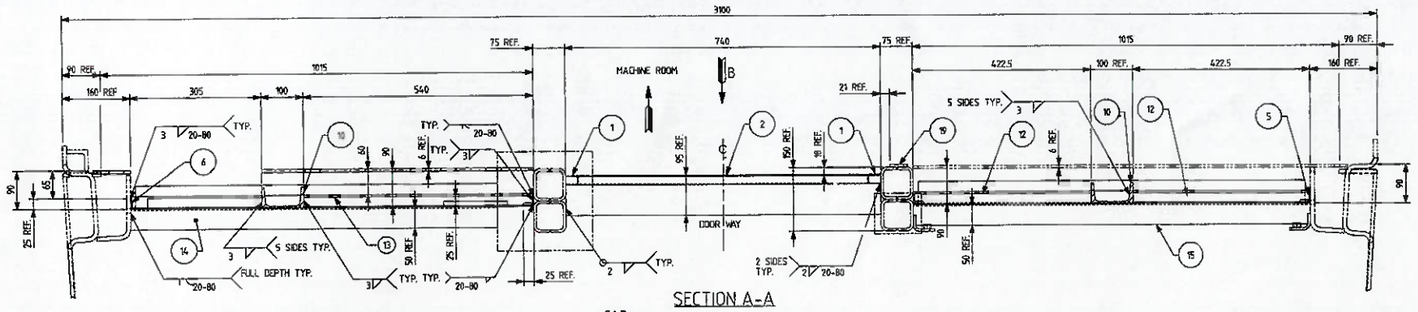
REAR WALL SECONDARY MEMBERS INSTALLATION FOR NO.2 END CAB

DRAWING NO. 1209-08.031-100

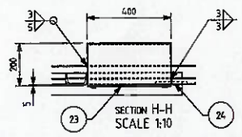
1. ALL DIMENSIONS ARE IN mm
2. C&D NO. T306/278
3. QTY./LOCO: 1 NOS.
4. NEXT LEVEL ASSEMBLY 1209-02.025-001
5. USED FOR LOCO WAG-9HC, WAP-7
6. UNSPECIFIED TOLERANCE IN THE DIMENSIONS MENTIONED AT DRAWINGS TO BE FOLLOWED AS PER IS:2102 (PART 1):1993-TOLERANCE CLASS-MEDIUM OF TABLE-1

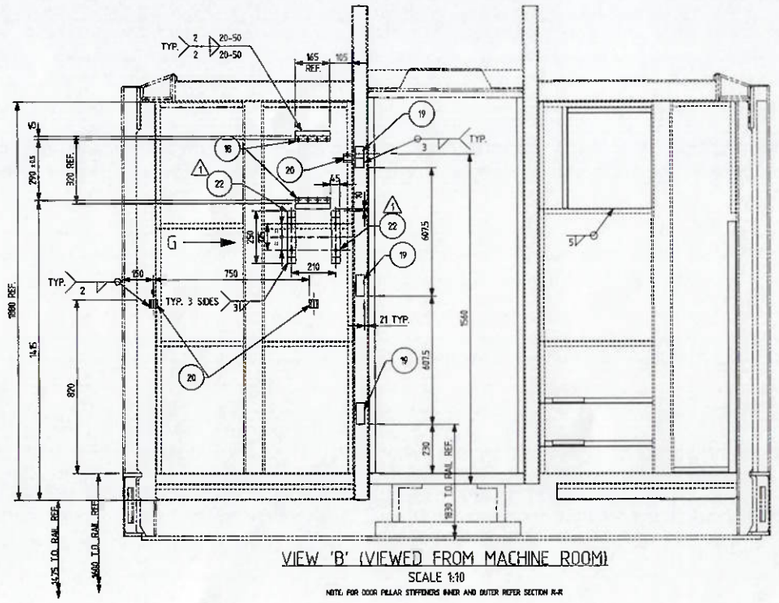
NOTE:
WELDING SHALL BE IN ACCORDANCE WITH AS1554.1-1991 SIY IS:812, IS:814, IS:822.

SURFACE ROUGHNESS Ra VALUES IN μm
REMOVE ALL BURRS & SHARP EDGES



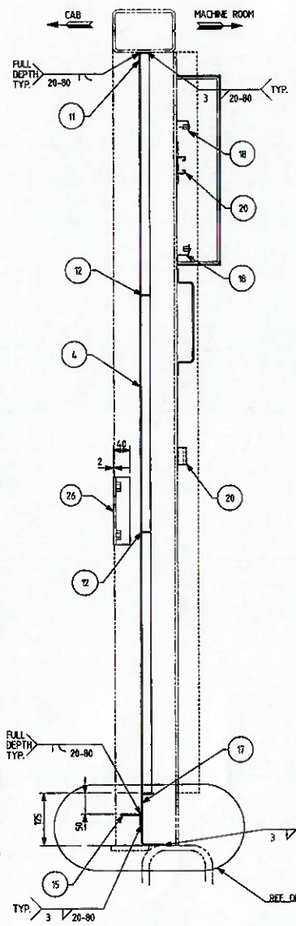
SECTION A-A





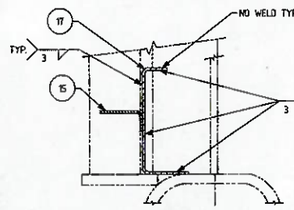
VIEW 'B' (VIEWED FROM MACHINE ROOM)
SCALE 1:10
NOTE: FOR DOOR PILLAR STIFFENESS INNER AND OUTER REFER SECTION A-A

ELEVATION ON REAR WALL (VIEWED FROM CAB)
NOTE: FOR DOOR PILLAR STIFFENESS INNER & OUTER REFER SECTION 'A-A'

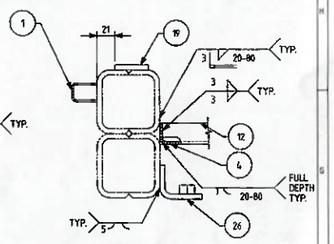


SECTION C-C

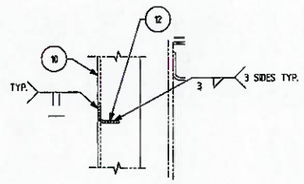
NOTE:
WELDING SHALL BE IN ACCORDANCE WITH AS1554.1-1991 SAY IS:812, IS:814, IS:822.



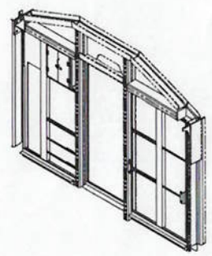
DETAIL F
SCALE 1:2.5
NOTE: ITEM NO. 4 NOT SHOWN FOR CLARITY
REFER SECTION 'C-C'

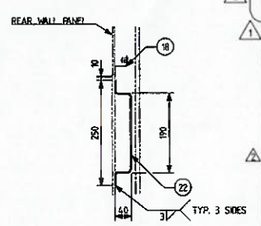


SECTION D-D
SCALE 1:2.5



SECTION E-E
SCALE 1:2.5





VIEW G
SCALE 1:5

SR. NO.	C&D NO.	PART ORG. NO.	DESCRIPTION	QTY.	MATL	SPECN	WT. EACH IN KG.
26	/	1209-08.431-369	FIXING BRACKET ASSEMBLY	2			0.58
25	/	1209-08.431-367	PRESSED ANGLE 75X75X4.00 LG.	1	STEEL	RSM41 Gr.-I	0.42
24	/	1209-08.431-366	PRESSED ANGLE 75X75X4.77 LG.	1	STEEL	RSM41-Gr3	0.50
23	/	1209-08.335-351	TOOL BOX ASSEMBLY FOR 3 PH. ELECTRIC LOCOMOTIVES	1			16.50
22	/	1209-08.431-258	BRACKET FOR HHPT CONTROL BOX	2	STEEL	RS: M41 GR. I	0.29
21	T306/177	1209-08.431-296	ANGLE (75x75x3 THK, LG 280)	1	STEEL	RSM41 Gr. I HR	0.31
20	T306/277	1209-15.306-125-P1001	CHANNEL UNISTRUT (40 LG)	3	STEEL	IS:5986 FE 410	0.10
19	T306/276	1209-09.431-099	PLATE MACHINE ROOM DOOR	3	STEEL	IS:2062:2011 Gr. E250 (Gr. A) QUALITY-C, KILLED NORMALIZED	0.18
18	T306/275	1209-08.335-097	ANGLE BRACKET ASSEMBLY	2			0.52
17	T306/272	1209-08.335-096	CHANNEL	1	STEEL	RSM-41 Gr.I	4.45
16	T306/271	1209-08.335-095	CHANNEL	1	STEEL	RSM-41 Gr.I	4.19
15	T306/270	1209-08.335-094	ANGLE	1	STEEL	RSM-41 Gr.I	1.50
14	T306/269	1209-08.335-093	ANGLE	1	STEEL	RSM-41 Gr.I	1.42
13	/	1209-08.335-371	ANGLE ASSEMBLY	2			0.77
12	T306/265	1209-08.335-090	ANGLE	4	STEEL	RSM-41 Gr.I	0.49
11	T306/264	1209-08.335-089	ANGLE	2	STEEL	RS: M-41 Gr.I	0.49
10	T306/263	1209-08.335-088	CHANNEL	2	STEEL	IS:2062:2011 Gr. E250 (Gr. A) QUALITY-C, KILLED NORMALIZED	16.40
9	T306/198	1209-08.431-295	ANGLE (75x75x3 THK, LG 266)	1	STEEL	RSM41 Gr. I HR	0.29
8	T306/197	1209-08.335-293	ANGLE (75x75x3 THK, LG 570)	1	STEEL	RSM41 Gr.-I HR	0.56
7	T306/150	1209-08.335-291	ANGLE	1	STEEL	RSM41 Gr. I HR	0.57
6	T306/149	1209-08.335-296	ANGLE (75x39x3 THK, LG 1188)	1	STEEL	RSM41 Gr. I HR	1.71
5	T306/258	1209-08.335-085	ANGLE	2	STEEL	RSM-41 Gr.I	1.80
4	T306/257	1209-08.335-083	ANGLE	4	STEEL	RSM-41 Gr.I	1.80
3	T306/147	1209-08.335-292	ANGLE	2	STEEL	RSM41 Gr. I HR	0.57
2	T390/087	1209-08.335-078	DOOR JAMB ASSY CAB FLOOR	1			2.11
1	T306/279	1209-08.431-077-001	DOOR STOP	2	STEEL	RSM41 Gr. I	2.06

चित्तरंजन लोकोमोटिव कारखाना
CHITTARANJAN LOCOMOTIVE WORKS, INDIA

REAR WALL SECONDARY MEMBERS INSTALLATION FOR NO.1 END CAB

1209-08.031-076

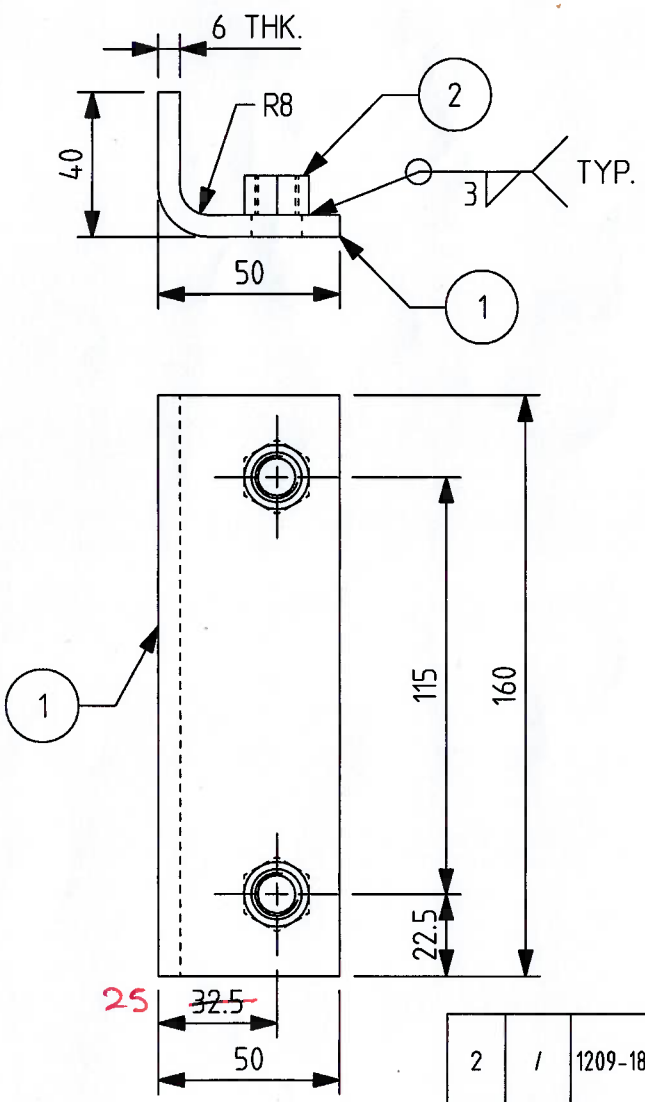
1. ALL DIMENSIONS ARE IN mm.
2. C&D NO. T306/255
3. QTY./LOCO: 1 NO.
4. NEXT LEVEL ASSEMBLY 1209-03.025-001
5. USED FOR LOCO WAG-9HC, WAP-7
6. UNSPECIFIED TOLERANCE IN THE DIMENSIONS MENTIONED AT DRAWINGS TO BE FOLLOWED AS PER IS:2102 (PART-1):1993 -TOLERANCE CLASS- MEDIUM OF TABLE- 1

ITEM NO. 26 (FIXING BKT ASSLY) SHALL BE WELDED SUCH THAT ITS OUTER
NOTE:- SURFACE MATCHES WITH THE OUTER SURFACE OF ITEM NO. 10 (CHANNEL)

1209-08.431-369

SURFACE ROUGHNESS Ra VALUES IN µm
REMOVE ALL BURRS AND SHARP EDGES





1. ALL DIMENSIONS ARE IN mm
2. NEXT ASSEMBLY DRG. NO.- 1209-08.031-076 & 1209-08.031-100
3. QTY./LOCO: 4 NOS.
4. UNSPECIFIED TOLERANCE IN THE DIMENSIONS MENTIONED AT DRAWINGS TO BE FOLLOWED AS PER IS:2102 (PART 1):1993-TOLERANCE CLASS-MEDIUM OF TABLE-1

REF. NO.	C&D NO.	PART DRG. NO.	DESCRIPTION	QTY.	MATL	SPECN	WT. EACH IN K.G.
2	/	1209-18.406-467-005	NUT HEX M12x1.75 PHOSPHATED	2	STEEL	IS:1364,PT-3, CLASS-10	
1	/	1209-08.431-368	FIXING BRACKET	1	STEEL	IS:2062:2011 Gr.E250 QUALITY-C KILLED NORMALISED	0.58

निर्देश संख्या | आगत एवं वितरण संख्या | अंग आरेखण संख्या | वर्णन | मात्रा | पदार्थ | विशिष्टि | प्रति भार कि. ग्रा.

DIMN 32.5 CHANGED TO 25
1 DY.CEE

परिवर्तन संख्या ALT.NO.	प्राधिकार AUTHY	वर्णन DESCRIPTION	दिनांक DATED	हस्ताक्षर INITIAL
0				

सतह – खुरदरा का मान भा. मा. 3073 / अ. मा. सं. 1302 SURFACE ROUGHNESS VALUE TO IS:3073 / ISO:1302

अविशिष्ट सह – सीमा भा. मा. : 2102 / अ. मा. सं. : 2768 UNSPECIFIED TOLERANCE TO IS : 2102 / ISO : 2768

धातु–वेल्डन चिन्ह भा. मा. : 813 / अ. मा. सं. :2553 WELDING SYMBOLS TO IS:813 / ISO:2553

TOL. CLS.

ग्रेडांक GRADE NO.	सं1 N1	सं2 N2	सं3 N3	सं4 N4	सं5 N5	सं6 N6	सं7 N7	सं8 N8	सं9 N9	सं10 N10	सं11 N11	सं12 N12
Rz	0.16-0.3	0.5-0.7	0.9-1.1	1.5-2.0	2.5-3.8	5.0-6.3	9.0-12	16-25	30-40	50-63	75-100	160-250
Ra µm	0.025	0.05	0.1	0.2	0.4	0.8	1.6	3.2	6.3	12.5	25	50
चिन्ह SYMBOL												

अभिकल्पित DGN		
जाँचा व.अ.अ. CHD SSE	RAVI KUMAR SUMAN	
समीक्षित व.वि.अ. / व.वि.अ. REVIEWED AEE / SEE		
अनुमोदित व.मु.वि.अ. APPROVED DYCEE	AMIT AGGA RWAL	
दिनांक DATE	27-05-25	
रैखिक अनुपात SCALE	1:2	
संदर्भ / REF.	ALT.-	

चितरंजन रेलइंजन कारखाना
CHITTARANJAN LOCOMOTIVE WORKS, INDIA

पदार्थ MATL	प्रति भार कि. ग्रा. WT. EACH IN KG 0.58
विशिष्टि SPECN	
वर्णन DESCRIPTION	FIXING BRACKET ASSEMBLY
आरेखण संख्या DRAWING NO.	1209-08.431-369
परिवर्तन संख्या ALTERATION. NO. 0	पर्ण SHEET 1 OF 1 A4

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RED WORK.

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