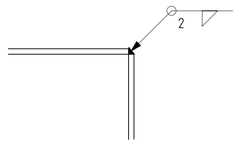
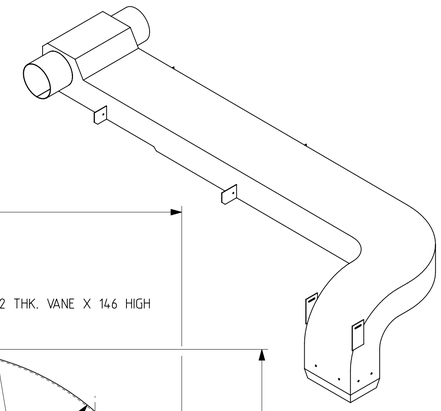
4803673/2026/O/o WM/Design/DMW/PTA

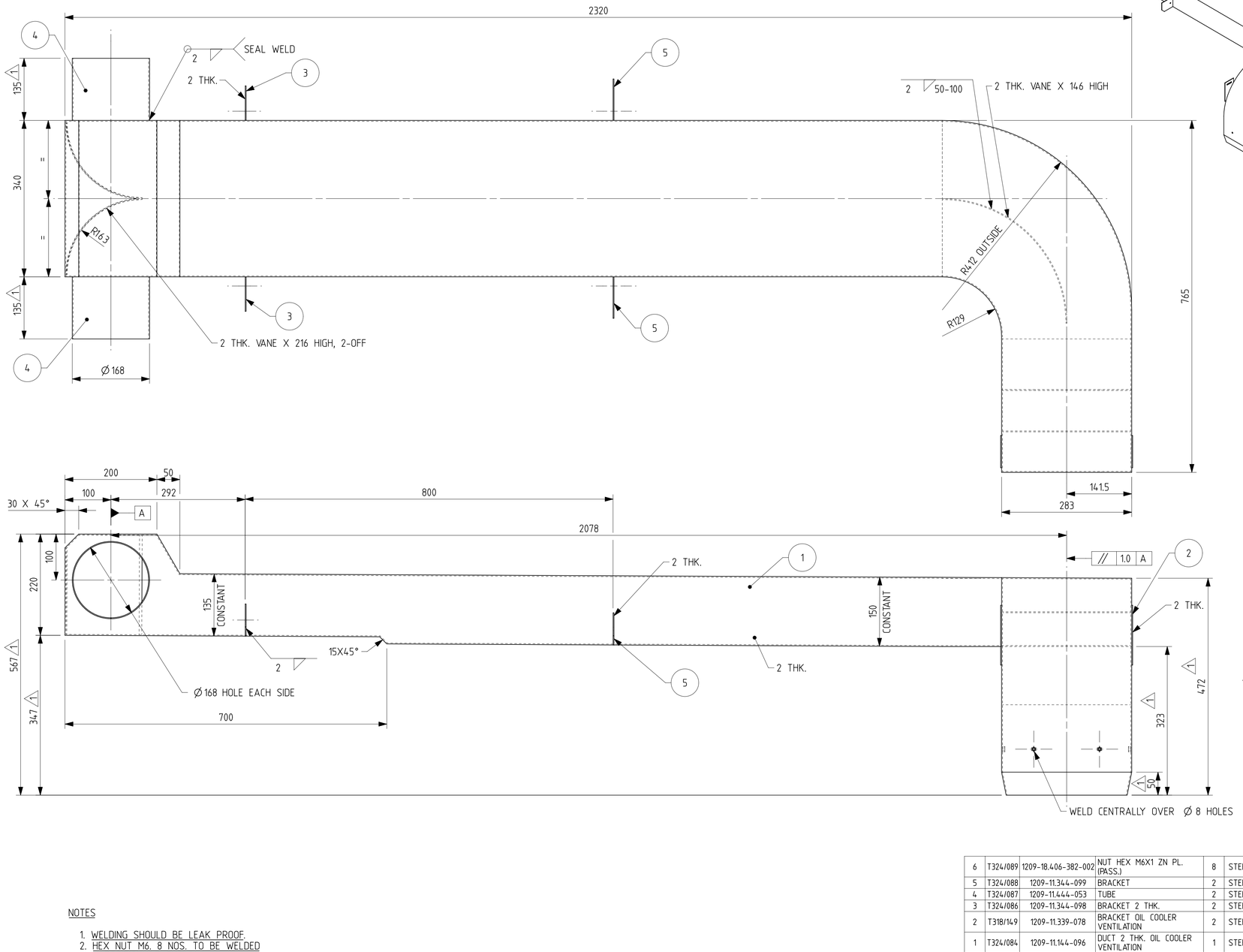
SURFACE ROUGHNESS Rd VALUES IN μm

REMOVE ALL BURRS & SHARP EDGES



TYPICAL JOINT





NOTES

1. WELDING SHOULD BE LEAK PROOF.
2. HEX NUT M6, 8 NOS. TO BE WELDED IN POSITION AS SHOWN.
3. HOLES TO BE DONE BY DRILLING JIG.
4. AFTER FINISHING, THE COMPLETE ASSLY IS TO BE PAINTED STONE GREY AS PER RAL 7030.
5. WELDING SHALL BE IN ACCORDANCE WITH AS1554.1-1991 SP IS:812, IS:814, IS:822,.
6. FOR OTHER TECH. DETAILS REFER TECH SPECN NO. CLWMS/3/099.
7. TO BE SUPPLIED IN A SET AS PER SPECN.
8. FOR MOUNTING ARRGT REFER TO DRG. NO.
9. ALT 1 OF THIS DRAWING SHALL BE GIVEN EFFECT FROM 5TH LOCO & ONWARDS.

1. ALL DIMENSIONS ARE IN mm
2. NEXT ASSLY. DRG. NO-1209-11.344-095
3. C&D NO-T324/083
4. QTY./LOCO-02 NOS.
5. USED FOR LOCO WAG-9HC
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

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.
	प्रदर्शक GRADE NO.	घ1 N1	घ2 N2	घ3 N3	घ4 N4	घ5 N5	घ6 N6	घ7 N7	घ8 N8	घ9 N9	घ10 N10	घ11 N11	घ12 N12
चरखड़ – रुक्षता का मान भा. मा. 3073 / अ. मा. सं. 1302 SURFACE ROUGHNESS VALUE TO IS:3073 / ISO:1302	Rz	0.16-0.3	0.3-0.7	0.9-1.1	1.5-2.0	2.5-3.8	5.0-6.3	9.0-11	14-75	35-48	50-63	75-100	140-250
	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												

2	DY.CEE/D-IB DY.CEE/CON/U-I	NOTE-4 MODIFIED. NOTE 9 ADDED DRG. MODIFIED & DIMENSION CHANGED ACCORDINGLY.SEC- XX, SEC- YY ADDED. DIM 135 WAS 35	
1			
परिवर्तन संख्या ALT. NO.	प्राधिकार AUTHY.	वर्णन DESCRIPTION	दिनांकित करवाकर DATED INITIAL

6	T324/089	1209-18.406-382-002	NUT HEX M6X1 ZN PL. (PASS.)	8	STEEL	IS:1364, PT-3	
5	T324/088	1209-11.344-099	BRACKET	2	STEEL	IRS: M-41 GR. I	0.10
4	T324/087	1209-11.444-053	TUBE	2	STEEL	IRS: M-41 GR. I	0.40
3	T324/086	1209-11.344-098	BRACKET 2 THK.	2	STEEL	IRS: M-41 GR. I	0.10
2	T318/149	1209-11.339-078	BRACKET OIL COOLER VENTILATION	2	STEEL	IRS: M-41 GR. I	0.14
1	T324/084	1209-11.144-096	DUCT 2 THK. OIL COOLER VENTILATION	1	STEEL	IRS: M-41 GR. I	49.11
निर्देश संख्या	लागत एवं वितरण संख्या	अंग आरेखण संख्या	वर्णन	मात्रा	पदार्थ	विशिष्टि	प्रति गाए कि. ग्रा.
REF. NO.	C&D NO.	PART DRG. NO.	DESCRIPTION	QTY.	MATL	SPECN	WT. EACH IN K.G.

अभिकल्पित DSN		चित्तरंजन रेलइंजन कारखाना CHITTARANJAN LOCOMOTIVE WORKS, INDIA	
जाँचा ग.अ.अ. CHD SSE	NAVI KARM ALI	पदार्थ MATL	प्रति गाए कि. ग्रा. WT. EACH IN KG 50.59
प्रमाणित स्टा.नि.अ. / स्टा.नि.अ. REVIEWED AEE / SE	BHARAT CHAND PAWAR	विशिष्टि SPECN	
अनुमोदित प.यु.नि.अ. APPROVED DYCEE	AMIT AGGA RWAL	दर्शन DESCRIPTION	SCAVENGER DUCT ASSEMBLY (OIL COOLER VENTILATION)
दिनांक DATE		आरेखण संख्या DRAWING NO.	1209-11.144-037
पैमाना SCALE	1:5	संदर्भ / REF. IB111-00049 ALT- 4	परिवर्तन संख्या ALTERATION NO. 2
			पृष्ठ SHEET 1 OF 1
			A1

Signature Not Verified
Digitally Signed by ARVINDER KAUR
Date: 2026.01.04 22:53:11 IST
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