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Location: IREDS-CRIS

Wt./ASSLY. Kg	F-1 FINISH ROUGH	(01) ROUGH CLEANING
	F-10 FLAME CUT	(1B) CHAMFERED
		(01B) BURRS REMOVED

SURFACE ROUGHNESS VALUE TO IS: 3073

GRADE.NO	N1	N2	N3	N4	N5	N6	N7	N8	N9	N10	N11	N12
Ra µm	.025	.050	0.1	0.2	0.4	0.8	1.6	3.2	6.3	12.5	25	50
SYMBOL	▽▽▽			▽▽				▽			▽	-

ALT. NO.	ALTERATION	REASON	CHECKED BY SSE/VEH	VERIFIED BY ADE/BOGIE	APPROVED BY Dy.CDE/VEH

S.NO.	DESCRIPTION	PART NO.	DRG. NO.	SET-1 PIPE SHOP	SET-2 LAS	QTY./LOCO
1	90 DEGREE ELBOW UNION $\frac{1}{2}$ " OD	11816764	-	1	1	2
2	MALE CONNECTOR $\frac{1}{2}$"OD X $\frac{3}{8}$"BSPT	11816790	-	2	4	6
3	FEMALE CONNECTOR 1"OD X $\frac{3}{4}$"BSPT	11816818	-	2	-	2
4	REDUCING TEE $1\frac{1}{2}$"OD X $1\frac{1}{2}$"OD X1"OD	11816820	-	1		1
5	FEMALE ELBOW 1"OD X $\frac{3}{4}$"BSPT	11816843	-			2
	FEMALE CONNECTOR $\frac{1}{2}$"OD X $\frac{3}{8}$"BSPT	11816892			1	1
6	FEMALE BRANCH TEE 1"OD X 1"OD X $\frac{1}{8}$"BSPT"NPT	11816909			2	2
7	RED.TEE $\frac{1}{2}$"OD X $\frac{1}{2}$"OD X1"OD	11817598	-	1		1
8	MALE RUN MALE TEE $\frac{1}{4}$"NPT(M) X $1\frac{1}{4}$"NPT(M) X $1\frac{1}{2}$"OD	11817549	-	2		2
9	FEMALE ELBOW 10D X $\frac{1}{4}$"NPT	11817550	-	1		1
10	FEMALE BRANCH TEE 1"OD X 1"OD X 1"BSPT	11817562	-	1		1
11	MALE CONNECTOR $1\frac{1}{2}$"TUBE X $1\frac{1}{4}$"BSPT	29233604	1209-18.306-026 SL-5 Alt.6	13		13
12	UNION TEE 1"TUBE	29233770	1209-18.306-029 SL-2 Alt.6	11	4	15
13	UNION TEE $1\frac{1}{2}$"TUBE	29233781	1209-18.306-029 SL-3 Alt.6	3		3
14	UNION SPECIAL 1"TUBE	29233793	1209-18.306-028 SL-5 Alt..4	16		16
15	UNION SPECIAL $1\frac{1}{2}$"TUBE	29233800	1209-18.306-028 SL-4 Alt.4	8	1	9
16	MALE CONNECTOR $1\frac{1}{2}$"TUBE X $1\frac{1}{2}$"BSPT	29233811	1209-18.306-026 SL-5 Alt.6	4		4
17	MALE CONNECTOR 1"TUBE X 1"BSPT	29233823	1209-18.306-028 SL-4 Alt.6	15	1	16
18	MALE CONNECTOR 1"TUBE X $\frac{3}{4}$"BSPT	29233835	1209-18.306-026 SL-3 Alt.6	8		8
19	MALE ELBOW $1\frac{1}{2}$" TUBE X $1\frac{1}{2}$"BSPT	29233847	1209-18.406-036 SL-6 Alt.7	2	1	3

S.NO.	DESCRIPTION	PART NO.	DRG. NO.	SET-1 PIPE SHOP	SET-2 LAS	QTY./LOCO
20	MALE ELBOW $1\frac{1}{2}$" TUBE X $1\frac{1}{4}$"BSPT	29233859	1209-18.406-036 SL-5 Alt.7	5		5
21	ELBOW MALE SPECIAL 1" TUBE X 1"BSPT	29233860	1209-18.406-036 SL-4 Alt.7	3	1	4
22	ELBOW MALE SPECIAL 1" TUBE X $\frac{3}{4}$"BSPT	29233872	1209-18.406-036 SL-7 Alt.7	5	2	7
23	ELBOW UNION SPECIAL	29234037	1209-18.306-027 SL-1 Alt.3	11	2	13
24	UNION ELBOW $1\frac{1}{2}$"TUBE	29234116	1209-18.406-167 REF-1 Alt.1	6		6
25	UNION $\frac{1}{2}$"TUBE	29235716	1209-18.306-028 SL-2 Alt.4	3		3
26	UNION TEE $\frac{1}{2}$"TUBE	29235789	1209-18.306-029 SL-4 Alt.6	1	1	2
27	TEE FEMALE $1\frac{1}{4}$" BSPT	29235996	1209-18.429-116 Alt.NIL	1		1
28	MALE CONNECTOR $\frac{1}{2}$"TUBE X $\frac{1}{2}$"BSPT	29233926	1209-18.306-026 SL-2 Alt.6	1	2	3
29	UNION SPECIAL 10 mm	29234049	1209-18.306-028 SL-1 Alt.4	2		2
30	UNION TEE 10 mm	29235698	1209-18.306-029 SL-1 Alt.6	1		1
31	MALE CONNECTOR 10 mm TUBE X $\frac{1}{4}$"BSPT	29234001	1209-18.306-026 SL-1 Alt.6	3	2	5

NOTES:-

1-THE HARDNESS OF THE FERRULE WILL NOT BE LESS THAN ROCKWELL B-90.
2-COMPRESSION TUBE FITTING TO BE TESTED AS PER BS 4368 PART- 1984 OR EQUIVALENT.
3-MATERIAL SHOULD BE SUPPLIED IN HOT ROLLED & NORMALISED CONDITION.
4-OPEN ENDS OF FITTINGS ARE TO BE CLOSED BY PLASTIC OR PVC CAP OR PLUG THREADED OR PLAIN AS PER REQUIRMENT.
5-MANUFACTURER SHOULD INDICATE THEIR IDENTIFICATION MARK WITH MANUFACTURING MONTH & YEAR AT SUITABLE LOCATION BY LASER MARKING M/C.
6-PACKING CONDITION:-
INDIVIDUAL ITEMSWITH ITEM NAME & QUANTITY TO BE PACKED SEPARATELY IN THE POL BAG. PACKED INDIVIDUAL ITEMS TO BE AGAIN PACKED FOR SET-1 (PIPE SHOP) AND SET-2 (LAS) IN CARTON BOX.
FOLLOWING IDENTIFICATION MARKING TO BE MENTIONED ON THE CARTON BOX.
(i) LIST OF ITEMS IN CARTON BOX.
(ii) QUANTITY OF EACH ITEM.
(iii) PO NUMBER
(iv) PART NUMBER

THIS DRAWING IS A PROPERTY OF BLW/INDIAN RAILWAYS AND ANY UNAUTHORISED USE OF THE DRAWING WILL BE CONSIDERED ILLIGAL AND BLW/INDIAN RAILWAYS WILL HAVE RIGHT TO INITIATE LEGAL PROCEEDINGS AGAINST THE DEFAULTERS.

ISSUING AUTHORITY : SSE/RECORDS	TOLERANCES ON UNTOLERANCED DIMENSION TO IS: 2102 C
ALL DIMS. ARE IN mm.	

Dy.CDE/VEH	ADE/BOGIE	ASSLY. PART NO.
23/1/26	13/2/26	

NO.OFF	DESCRIPTION & DIMENSION	ITEM	PART NO.	Wt./UNIT	MATERIAL	SPECIFICATION
	GROUP : UNDERFRAME			SUPERSEDED BY		
				SUPERSEDES		

WDM$_{3A}$ CONVERSION LOCO.

COMPLETE SET OF STAINLESS STEEL PIPE FITTINGS (PIPE SHOP)

SCALE	CHECKED BY SSE/VEH	10.2.26
PROJECTION	DRAWN BY	
ALT.		

ब.रे.का. BANARAS LOCOMOTIVE WORKS VARANASI

PART NO.11260130

NX-TEAMCENTER