

55151-00151-2.dwg

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ALL DIMENSIONS ARE IN mm)

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REF. DRG. NO.	AND DATE				
2-13100-U1155					
PART NO.	QTY. IN NOS.	DESCRIPTION	SUPPLIER	REMARKS	DRAWING NO.
01	1	EMBEDMENT FOR LP CASING GUIDE BOLT	BHEL	FOR GUIDING LP CASING	0-13100-U5152
02	1	T SECTION 100X7100	BHEL	FOR GUIDING LP CASING	0-13100-U5152
11	2	T SECTION 100X7100	NTPC	FOR SUPPORT & FIRE PROTECTION	0-13100-U5152
12	4	T SECTION 100X2125	NTPC	FOR SUPPORT & FIRE PROTECTION	0-13100-U5152
13	3	FLAT 10X100X15660	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5153
14	4	FLAT 10X100X23555	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5153
15	12	FLAT 10X100X1660	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5153
16	3	FLAT 10X100X2660	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5153
17	10	FLAT 10X100X3460	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5153
18	4	FLAT 10X100X3560	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5152
19	4	FLAT 10X100X1860	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5153
20	4	FLAT 10X100X1400	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5153
21	8	FLAT 10X100X1000	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5153
22	2	FLAT 10X100X3260	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5153
23	6	FLAT 10X100X4185	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5153
24	4	FLAT 10X100X4585	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5153
25	4	FLAT 10X100X5210	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5153
26	2	FLAT 10X100X11720	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5153
27	4	FLAT 10X100X6560	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5152
29	4	FLAT 10X100X3335	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5152
30	2	ANGLE 100X100X23500	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5154
31	1	ANGLE 100X100X16000	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5154
32	5	FLAT 10X100X4560	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5154
33	3	FLAT 10X100X1700	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5154
34	3	FLAT 10X100X9240	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5154
35	1	FLAT 10X100X3377	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5154
36	4	ANGLE 100X100X4000	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5154
37	4	ANGLE 100X100X2200	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5154
38	2	ANGLE 100X100X4100	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5154
39	1	ANGLE 100X100X3200	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5154
40	2	ANGLE 100X100X600	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5154
41	1	ANGLE 100X100X1900	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5154
42	4	ANGLE 100X100X2400	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5154
43	4	ANGLE 100X100X1800	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5154
44	2	ANGLE 100X100X4725	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5154
45	2	ANGLE 100X100X3800	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5154
46	2	ANGLE 100X100X12000	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5154
47	4	ANGLE 100X100X2200	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5152
48	8	PLATE 400X400X20	BHEL	FOR ESY & IV SUPPORT	0-13100-U5152
49	6	PIPE 406.4X8.8, L=1600	BHEL	FOR LP TURBINE	0-13100-U5153
50	4	PLATE 220X1100X10	BHEL	FOR IV SUPPORT	0-13100-U5153
51	4	FLAT 10X100X10778	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5152
52	2	FLAT 10X100X8667	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5152
53	4	T SECTION 100X4000	NTPC	FOR SUPPORT & FIRE PROTECTION	0-13100-U5152
54	4	T SECTION 100X2200	NTPC	FOR SUPPORT & FIRE PROTECTION	0-13100-U5152
55	4	T SECTION 100X2400	NTPC	FOR SUPPORT & FIRE PROTECTION	0-13100-U5152
56	4	ANGLE 100X100X2650	NTPC	FOR SUPPORT & FIRE PROTECTION	0-13100-U5152
57	2	T SECTION 100X3900	NTPC	FOR SUPPORT & FIRE PROTECTION	0-13100-U5152
58	2	T SECTION 100X3500	NTPC	FOR SUPPORT & FIRE PROTECTION	0-13100-U5152
59	1	ANGLE 100X100X16000	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5152
60	2	ANGLE 100X100X11180	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5152
61	1	PIPE 4219.1X6.3, L=3600	NTPC	FOR CABLE CONDUIT	0-13100-U5152
65	04	PLATE 10X100X1000	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5153
66	02	ANGLE 100X100X3335	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5153
67	2	FLAT 10X100X500	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5154
68	1	FLAT 10X100X2180	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5154
70	1	FLAT 10X100X4325	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5154
71	2	FLAT 10X100X1845	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5154
72	2	FLAT 10X100X580	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5154
73	1	FLAT 10X100X908	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5154
74	2	FLAT 10X100X672	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5154
75	2	FLAT 10X100X2720	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5152
76	1	FLAT 10X100X1560	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5152
77	2	FLAT 10X100X1105	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5152
78	2	FLAT 10X100X700	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5152
79	5	FLAT 10X100X1000	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5154
80	2	FLAT 10X100X9200	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5152
81	2	FLAT 10X100X400	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5152

PART NO.	QTY. IN	DESCRIPTION	SUPPLIER	REMARKS	DRAWING NO.
82	2	FLAT 10X100X2950	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5152
83	1	FLAT 10X100X2400	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5152
84	1	FLAT 10X100X1400	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5152
85	1	FLAT 10X100X925	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5152
86	4	FLAT 10X100X4450	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5152
87	1	FLAT 10X100X5900	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5152
88	2	FLAT 10X100X3350	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5152
89	2	FLAT 10X100X4200	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5152
92	1	FLAT 10X100X3000	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5154
93	1	FLAT 10X100X5850	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5154
P001P	1	PLATE 400X400X20	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5154
P002P	1	PLATE 400X400X20	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5154
P003P	1	PLATE 400X400X20	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5154
P006P	1	PLATE 400X400X20	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5154
P007P	1	PLATE 400X400X20	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5152
P008P	1	PLATE 400X400X20	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5152
P009P	1	PLATE 400X400X20	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5154
P012P	1	PLATE 400X400X20	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5154
P015P	1	PLATE 400X400X20	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5154
P016P	1	PLATE 400X400X20	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5154
P017P	1	PLATE 400X400X20	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5152
P018P	1	PLATE 400X400X20	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5154
P019P	1	PLATE 400X400X20	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5154
P020P	1	PLATE 400X400X20	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5154
P021P	1	PLATE 400X400X20	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5154
P022P	1	PLATE 400X400X20	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5154
P024P	1	PLATE 400X400X20	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5152
P025P	1	PLATE 400X400X20	NTPC	RECOMMENDED FOR FIXING OF PIPE SUPPORTS.	0-13100-U5152
P026P	1	PLATE 400X450X20	BHEL	FOR OVERLOAD VALVE SUPPORT. PLATE THICKNESS SHALL BE DECIDED BY FOUNDATION DESIGNER.	0-13100-U5154
P027P	1	PLATE 400X450X20	BHEL	FOR OVERLOAD VALVE SUPPORT. PLATE THICKNESS SHALL BE DECIDED BY FOUNDATION DESIGNER.	0-13100-U5154
A	8	ANCHOR BOX	BHEL	FOR LP FRONT AND REAR PEDESTALS	0-13100-U5152
C	4	ANCHOR BOX	BHEL	FOR LP FRONT AND REAR PEDESTALS	0-13100-U5152
E	4	ANCHOR BOX	BHEL	FOR LP FRONT PEDESTAL	0-13100-U5152
F1	2	ANCHOR BOX	BHEL	FOR HP FRONT PEDESTAL	0-13100-U5152
F2	2	ANCHOR BOX	BHEL	FOR HP FRONT PEDESTAL	0-13100-U5152
G	4	ANCHOR BOX	BHEL	FOR LP FRONT AND REAR PEDESTALS	0-13100-U5152

PART NO.	QTY. IN	DESCRIPTION	SUPPLIER	REMARKS	DRAWING NO.
A*	24	PIPE 168.3X4 L=1800	BHEL	FOR ANCHOR BOLTS OF GENERATOR	
A1*	5	PIPE 168.3X17.5 L=2290	BHEL	FOR ANCHOR BOLTS OF EXCITER	
B*	4	PIPE DN125, L=3790	BHEL	FOR ANCHOR BOLTS OF EXCITER	
B1*	5	PIPE DN125, L=2290	BHEL	FOR EXCITER CABLES	
C*	1	PIPE DN 80 L=1570	NTPC	FOR EXCITER DRAIN	
C1*	1	PIPE DN 80 L=2290	NTPC	FOR EXCITER CABLES	
D*	2	PIPE 406.4X8.8 L=3000	NTPC	FOR PRIMARY WATER PIPES	
E*	8	BEAM IPB 300 L=1600	BHEL	FIXING POINT OF STATOR ALIGNMENT	
F*	2	PLATE 300X300X16	BHEL	FIXING POINT OF STATOR ALIGNMENT	
G*	4	PLATE 2600X200X16	BHEL	RECOMMENDED FOR ERECTION OF TERMINAL BOX	
G1*	5	PLATE 350X350X80	BHEL	RECOMMENDED FOR PIPE SUPPORT. CUT CENTER HOLE FOR PIPE A1*	
H*	4	ANGLE 100X100X10.L=1500	NTPC	FOR BETTER CIVIL WORK	
J*	1	PIPE DN 300, L=1290	NTPC	RECOMMENDED FOR ERECTION OF TERMINAL BOX	
K*	2	ANGLE 100X100X10.L=13500	NTPC	FOR BETTER CIVIL WORK	
L*	2	ANGLE 100X100X10.L=10497	BHEL	FOR BETTER CIVIL WORK	
M*	2	ANGLE 10X100X3400	BHEL	FOR BETTER CIVIL WORK	
N*	2	ANGLE 10X100X3035	BHEL	FOR BETTER CIVIL WORK	
P*	5	FLAT 100X10.L=1470	NTPC	FOR FIXING OF ANCHOR BOLTS	
Q*	1	ANGLE 75X175X5.L=2000	NTPC	FOR BETTER CIVIL WORK	
R*	2	ANGLE 100X100X10.L=500	NTPC	FOR BETTER CIVIL WORK	
S*	1	ANGLE 100X100X10.L=10800	NTPC	FOR BETTER CIVIL WORK	
T*	4	ANGLE 100X100X10.L=400	NTPC	FOR BETTER CIVIL WORK	
U*	2	ANGLE 100X100X10.L=1800	NTPC	FOR BETTER CIVIL WORK	
V*	2	ANGLE 100X100X10.L=637	NTPC	FOR BETTER CIVIL WORK	
W*	11	FLAT 10X100X520	NTPC	FOR FIXING OF ANCHOR BOLTS	
W1*	2	FLAT 10X100X3710	NTPC	FOR BETTER CIVIL WORK	
W2*	1	FLAT 10X100X3670	NTPC	FOR BETTER CIVIL WORK	
W3*	2	FLAT 10X100X835	NTPC	FOR BETTER CIVIL WORK	
X*	2	FLAT 10X100X2700	NTPC	FOR BETTER CIVIL WORK	
X1*	1	FLAT 10X100X6395	NTPC	FOR BETTER CIVIL WORK	
X2*	1	FLAT 10X100X6075	NTPC	FOR BETTER CIVIL WORK	
Y*	4	FLAT 10X100X13500	NTPC	FOR BETTER CIVIL WORK	
Z1*	1	ANGLE 100X100X10.L=4800	NTPC	FOR BETTER CIVIL WORK	
Z2*	2	ANGLE 100X100X10.L=2546	BHEL	FOR FIXING OF ANCHOR PLATES	
Z3*	2	ANGLE 100X100X10.L=2770	NTPC	FOR BETTER CIVIL WORK	
Z4*	1	ANGLE 100X100X10.L=6075	NTPC	FOR BETTER CIVIL WORK	
Z5*	1	ANGLE 100X100X10.L=4834	NTPC	FOR BETTER CIVIL WORK	
Z6*	2	FLAT 10X130X10000	BHEL	FOR FIXING OF ANCHOR PLATES	
Z7*	2	FLAT 10X130X1800	BHEL	FOR BETTER CIVIL WORK	
Z8*	1	ANGLE 100X100X10.L=4514	NTPC	FOR BETTER CIVIL WORK	
Z9*	1	ANGLE 100X100X10.L=6395	NTPC	FOR BETTER CIVIL WORK	

REFERENCE DRAWINGS:-

- FOUNDATION PLAN (SUPP.) DRG. NO.0-13100-U5152
- FOUNDATION PLAN (SUPP.) DRG. NO.0-13100-U5153
- FOUNDATION PLAN (SUPP.) DRG. NO.0-13100-U5154
- FOUNDATION PLAN DRG. NO. 12994-980111/001
- FOUNDATION PLAN DRG. NO. 12994-980111/002
- FOUNDATION PLAN DRG. NO. 12994-980111/003

NOTES:

- WHERESOEVER MATERIAL IS NOT MENTIONED, IT MAY BE TAKEN AS STRUCTURAL STEEL OF COMMERCIAL QUALITY.
- MATERIAL OF PIPES IS SEAMLESS PIPE ATSM A106 GR.B, HOWEVER, ERW PIPES CAN ALSO BE USED.

NTPC DRG. NO. 9575-110-HW-PVC-W-0125

TYPE OF PRODUCT
OR
NAME OF NTPC/PROJECT

NATIONAL THERMAL POWER CORPORATION LTD.
MOUNDA SUPER THERMAL POWER PROJECT
STAGE-II (2X660 MW.)

GRADE OF UNTOOL.DIM

M/CG.-d/M./f AA0230208

WELDING-W/B/d/D AA0621104

GAS CUTTING-T3 AA0621101

DEPT PED

CODE 4266

SCALE

WEIGHT (KG)

REF. TO ASSY. DRG.

ITEM NO. OF ITEMS

75 77

TITLE:
LIST OF EMBEDEDDED PARTS (SUPP)

CARD CODE

DRAWING NO.
2-13100-U5155

REV. 00

22/23 24

APPROVED

DATE

26/06/12

VAR

APPROVED

DATE

26/06/12

VAR

BHARAT HEAVY ELECTRICALS LTD.

RANIPUR, HARYWAR

SIGN

DATE

26/06/12

VAR