

ANNEXURE-'A'

Project: PALAMURU RANGAREDDY

Set of Templates for Fabrication/Inspection of IMPELLER

S No.	Drawing No	Item description	Thk. (mm)	Qty.	Material	Bending	
1	718404 I 0001	P R_Outlet angle_GG_ss	2	1	Aluminium	✓	1. Outlet angle templates (GG, FF, EE)
2	718404 I 0002	P R_Outlet angle_GG_ps	2	1	Aluminium	✓	
3	718404 I 0003	P R_Outlet angle_FF_ss	2	1	Aluminium	✓	
4	718404 I 0004	P R_Outlet angle_FF_ps	2	1	Aluminium	✓	
5	718404 I 0005	P R_Outlet angle_EE_ss	2	1	Aluminium	✓	
6	718404 I 0006	P R_Outlet angle_EE_ps	2	1	Aluminium	✓	
7	718404 I 0007	P R_Inlet angle_sec_EE_left	2	1	Aluminium	✗	2. Inlet angle templates (EE)
8	718404 I 0008	P R_Inlet angle_sec_EE_middle	2	1	Aluminium	✓	
9	718404 I 0009	P R_Inlet angle_sec_EE_right	2	1	Aluminium	✗	
10	718404 I 0010	P R_Radial channel-1_EE	3	1	Aluminium	✓	
11	718404 I 0011	P R_Radial channel-2_EE	3	1	Aluminium	✓	
12	718404 I 0012	P R_Radial channel-3_EE	3	1	Aluminium	✓	
13	718404 I 0013	P R_Cross channle-1_EE	3	1	Aluminium	✓	
14	718404 I 0014	P R_Center disc_EE	5	1	Aluminium	✗	
15	718404 I 0015	P R_Hub plate_EE	5	1	Aluminium	✗	
16	718404 I 0016	P R_Inlet angle_sec_DD_left	2	1	Aluminium	✗	3. Inlet angle templates (DD)
17	718404 I 0017	P R_Inlet angle_sec_DD_middle	2	1	Aluminium	✓	
18	718404 I 0018	P R_Inlet angle_sec_DD_right	2	1	Aluminium	✗	
19	718404 I 0019	P R Radial channel-1_DD	3	1	Aluminium	✓	
20	718404 I 0020	P R Radial channel-2_DD	3	1	Aluminium	✓	
21	718404 I 0021	P R Radial channel-3_DD	3	1	Aluminium	✓	
22	718404 I 0022	P R_Cross channle-1_DD	3	1	Aluminium	✓	
23	718404 I 0023	P R_Center disc_DD	5	1	Aluminium	✗	
24	718404 I 0024	P R_Hub plate_DD	5	1	Aluminium	✗	
25	718404 I 0025	P R_Inlet angle_sec_CC_left	2	1	Aluminium	✗	
26	718404 I 0026	P R_Inlet angle_sec_CC_middle	2	1	Aluminium	✓	
27	718404 I 0027	P R_Inlet angle_sec_CC_right	2	1	Aluminium	✗	

S No.	Drawing No	Item description	Thk. (mm)	Qty.	Material	Bending	
28	718404 I 0028	P R_Radial channel-1_CC	3	1	Aluminium	✓	4. Inlet angle templates (CC)
29	718404 I 0029	P R_Radial channel-2_CC	3	1	Aluminium	✓	
30	718404 I 0030	P R_Radial channel-3_CC	3	1	Aluminium	✓	
31	718404 I 0031	P R_Cross channle-1_CC	3	1	Aluminium	✓	
32	718404 I 0032	P R_Center disc_CC	5	1	Aluminium	✗	
33	718404 I 0033	P R_Hub plate_CC	5	1	Aluminium	✗	
34	718404 I 0034	P R_Inlet angle_sec_BB_left	2	1	Aluminium	✗	5. Inlet angle templates (BB)
35	718404 I 0035	P R_Inlet angle_sec_BB_middle	2	1	Aluminium	✓	
36	718404 I 0036	P R_Inlet angle_sec_BB_right	2	1	Aluminium	✗	
37	718404 I 0037	P R_Radial channel-1_BB	3	1	Aluminium	✓	
38	718404 I 0038	P R_Radial channel-2_BB	3	1	Aluminium	✓	
39	718404 I 0039	P R_Radial channel-3_BB	3	1	Aluminium	✓	
40	718404 I 0040	P R_Cross channle-1_BB	3	1	Aluminium	✓	
41	718404 I 0041	P R_Center disc_BB	5	1	Aluminium	✗	
42	718404 I 0042	P R_Hub plate_BB	5	1	Aluminium	✗	
43	718404 I 0043	P R_Outlet Nose template_GG_ss	2	1	Aluminium	✓	6. Outlet profile templates
44	718404 I 0044	P R_Outlet Nose template_GG_ps	2	1	Aluminium	✓	
45	718404 I 0045	P R_Outlet Nose template_GG_support	2	1	Aluminium	✗	
46	718404 I 0046	P R_Outlet Nose template_FF_ss	2	1	Aluminium	✓	
47	718404 I 0047	P R_Outlet Nose template_FF_ps	2	1	Aluminium	✓	
48	718404 I 0048	P R_Outlet Nose template_FF_support	2	1	Aluminium	✗	
49	718404 I 0049	P R_Outlet Nose template_EE_ss	2	1	Aluminium	✓	
50	718404 I 0050	P R_Outlet Nose template_EE_ps	2	1	Aluminium	✓	
51	718404 I 0051	P R_Outlet Nose template_EE_support	2	1	Aluminium	✗	
52	718404 I 0052	P R_Inlet Nose template_EE_ss	2	1	Aluminium	✓	7. Inlet profile templates
53	718404 I 0053	P R_Inlet Nose template_EE_ps	2	1	Aluminium	✓	
54	718404 I 0054	P R_Inlet Nose template_EE_support	2	1	Aluminium	✗	
55	718404 I 0055	P R_Inlet Nose template_DD_ss	2	1	Aluminium	✓	
56	718404 I 0056	P R_Inlet Nose template_DD_ps	2	1	Aluminium	✓	
57	718404 I 0057	P R_Inlet Nose template_DD_support	2	1	Aluminium	✗	
58	718404 I 0058	P R_Inlet Nose template_CC_ss	2	1	Aluminium	✓	

S No.	Drawing No	Item description	Thk. (mm)	Qty.	Material	Bending	
59	718404 I 0059	P R_Inlet Nose template_CC_ps	2	1	Aluminium	✓	
60	718404 I 0060	P R_Inlet Nose template_CC_support	2	1	Aluminium	✗	
61	718404 I 0061	P R_Inlet Nose template_BB_ss	2	1	Aluminium	✓	
62	718404 I 0062	P R_Inlet Nose template_BB_ps	2	1	Aluminium	✓	
63	718404 I 0063	P R_Inlet Nose template_BB_support	2	1	Aluminium	✗	
64	718404 I 0064	Blade checking_Trans_01_Inlet seg-SS	2	1	Aluminium	✓	8. Split blade segments profile checking templates
65	718404 I 0065	Blade checking_Trans_02_Inlet seg-SS	2	1	Aluminium	✓	
66	718404 I 0066	Blade checking_Trans_03_Inlet seg-SS	2	1	Aluminium	✓	
67	718404 I 0067	Blade checking_Longi_01_Inlet seg-SS	2	1	Aluminium	✓	
68	718404 I 0068	Blade checking_Longi_02_Inlet seg-SS	2	1	Aluminium	✓	
69	718404 I 0069	Blade checking_Trans_01_Inlet seg-PS	2	1	Aluminium	✓	
70	718404 I 0070	Blade checking_Trans_02_Inlet seg-PS	2	1	Aluminium	✓	
71	718404 I 0071	Blade checking_Trans_03_Inlet seg-PS	2	1	Aluminium	✓	
72	718404 I 0072	Blade checking_Longi_01_Inlet seg-PS	2	1	Aluminium	✓	
73	718404 I 0073	Blade checking_Longi_02_Inlet seg-PS	2	1	Aluminium	✓	
74	718404 I 0074	Blade checking_Trans_01_Outlet seg-SS	2	1	Aluminium	✓	
75	718404 I 0075	Blade checking_Trans_02_Outlet seg-SS	2	1	Aluminium	✓	
76	718404 I 0076	Blade checking_Trans_03_Outlet seg-SS	2	1	Aluminium	✓	
77	718404 I 0077	Blade checking_Longi_01_Outlet seg-SS	2	1	Aluminium	✓	
78	718404 I 0078	Blade checking_Longi_02_Outlet seg-SS	2	1	Aluminium	✓	
79	718404 I 0079	Blade checking_Trans_01_Outlet seg-PS	2	1	Aluminium	✓	
80	718404 I 0080	Blade checking_Trans_02_Outlet seg-PS	2	1	Aluminium	✓	
81	718404 I 0081	Blade checking_Trans_03_Outlet seg-PS	2	1	Aluminium	✓	
82	718404 I 0082	Blade checking_Longi_01_Outlet seg-PS	2	1	Aluminium	✓	
83	718404 I 0083	Blade checking_Longi_02_Outlet seg-PS	2	1	Aluminium	✓	
84	718404 I 0084	P R_Crown profile template	2	1	Aluminium	✓	9. Crown and skirt profile checking
85	718404 I 0085	P R_Skirt profile template	2	1	Aluminium	✓	
86	718404 I 0086	P R_Blade stopper Lower	10	8	SS	✗	10. Blade locating fixture items
87	718404 I 0087	P R_Blade stopper Top	10	8	SS	✗	
88	718404 I 0088	P R_Angle-01	2	10	Aluminium	✓	11. Stiffening angles
89	718404 I 0089	P R_Angle-02	2	10	Aluminium	✓	
90	718404 I 0090	TEMP-SPLIT BLADE-FIT UP-CROWN-02 PS	2	1	Aluminium	✓	12. Split blade joining templates
91	718404 I 0091	TEMP-SPLIT BLADE-FIT UP-CROWN-01 PS	2	1	Aluminium	✓	
92	718404 I 0092	TEMP-SPLIT BLADE-FIT UP-CROWN-02 SS	2	1	Aluminium	✓	
93	718404 I 0093	TEMP-SPLIT BLADE-FIT UP-CROWN-01 SS	2	1	Aluminium	✓	

S No.	Drawing No	Item description	Thk. (mm)	Qty.	Material	Bending	
94	718404 I 0094	P R_Blade holding-inlet side 1	10	2	MS	×	13. Split blade fixture holding items
95	718404 I 0095	P R_Blade holding-inlet side 2	10	2	MS	×	
96	718404 I 0096	P R_Blade holding-outlet side 1	10	2	MS	×	
97	718404 I 0097	P R_Blade holding-outlet side 2	10	2	MS	×	
98	718404 I 0098	Blade holding Cross support plate	10	8	MS	×	