



Sl.No.	Drg. No. for weld location	Description of parts to be welded	Matl. Spec.	Dimensions		Process of Welding	Type of weld	Electrode filler spec.					W.P.S no.	Min pre heat temp.	Heat Treatment		NDT method & Quantum	Remarks			
				ID/OD	Thick			TIG		Arc spec					Temp.	Hold time per mm in minutes					
		Part-1	Part-1	Size				Qty (gms)		Qty(nos)											
		Part-2	Part-2	mm	mm			Dia2.4	Dia2.5	Dia3.2	Dia4.0	in deg C		in deg C	minutes						
1	1-80-300-A0540	PIPE	SA335P92	ID	90	TIG & ARC	90	ER90S-B92		E9015-B92			1056/R EV04	220 (REFER *)	755±15	2.5(60 MTS MINIMUM)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00				
	1-80-300-A0541	PIPE/FITTING	SA182F92	300			35	2975	350	385	37240										
2	1-80-300-A0540	PIPE	SA335P92	ID	103	TIG & ARC	103	ER90S-B92		E9015-B92			1056/R EV04	220 (REFER *)	755±15	2.5(60 MTS MINIMUM)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00				
	1-80-300-A0541	PIPE/FITTING	SA182F92	370			9	936	99	126	14274										
3	1-80-300-A0540	PIPE	SA335P92	ID	93	TIG & ARC	93	ER90S-B92		E9015-B92			1056/R EV04	220 (REFER *)	755±15	2.5(60 MTS MINIMUM)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00				
	1-80-300-A0541	PIPE/FITTING	SA234WP92	370			7	728	77	98	9247										
4	1-80-300-A0540	PIPE	SA335P92	ID	51	TIG & ARC	51	ER90S-B92		E9015-B92			1056/R EV04	220 (REFER *)	755±15	2.5(60 MTS MINIMUM)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00				
	1-80-300-A0541	PIPE/FITTING	SA234WP92	200			10	570	60	80	2930										
5	1-80-300-A0540	PIPE	SA335P92	ID	59	TIG & ARC	59	ER90S-B92		E9015-B92			1056/R EV04	220 (REFER *)	755±15	2.5(60 MTS MINIMUM)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00				
	1-80-300-A0541	PIPE/FITTING	SA234WP92	200			4	228	24	32	1504										
6	1-80-300-A0540	PIPE	SA335P92	OD	23	TIG & ARC	23	ER90S-B92		E9015-B92			1056/R EV04	220 (REFER *)	755±15	2.5(60 MTS MINIMUM)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00				
	1-80-300-A0541	PIPE/FITTING	SA234WP92	88.9			18	396	90	198	72										
NOTES: (1) REFER DOC NO: AA/CQ/GL/011 (Latest Revision) - MANUAL FOR WELDING, HEAT TREATMENT AND NON DESTRUCTIVE TESTING FOR POWER SECTOR (2) REFER DOC NO:NDT/EWS/1834 (LATEST REVISION) FOR PROJECT SPECIFIC NDT REQUIREMENTS. (3) REFER RESPECTIVE WPS (LATEST REVISION) FOR PREHEAT AND POST HEAT TREATMENT.												REV NO	DATE	ALTERED	APPROVED						
												01									
												REV NO	DATE	ALTERED	APPROVED						
												02									
												REV NO	DATE	ALTERED	APPROVED						
* - REFER WPS FOR PREHEAT MAINTENANCE,POSTHEAT,INTERPASS TEMP. AND OTHER REQUIREMENTS.												03									
# - REFER WPS FOR BACKING / PURGING GAS												REV NO	DATE	ALTERED	APPROVED						
T - BASE METAL THICKNESS												04									
\$ - REFER WPS FOR INTERPASS TEMP.																					
PREPARED BY		DESIGN/CHD.		DESIGN/APPD.		QA-CHD./APPRD.		DATE		DRAWING NO:				SHEET NO:			REV. NO.				
AP.KRISHNAKUMAR		A.SHIVA RAHUL		P.SURESH		M.MANOJ PANDI		02.06.2026		4-80-300-A0539				01		OF	01	00			



Sl.No.	Drg. No. for weld location	Description of parts to be welded	Matl. Spec.	Dimensions		Process of Welding	Type of weld	Electrode filler spec.				W.P.S no.	Min pre heat temp.	Heat Treatment		NDT method & Quantum	Remarks		
				ID/OD	Thick			TIG		Arc spec				Temp.	Hold time per mm in minutes				
		Part-1	Part-1	Size				Qty (gms)		Qty(nos)									
		Part-2	Part-2	mm	mm			Dia2.4	Dia2.5	Dia3.2	Dia4.0								
1	1-80-303-A0567	PIPE	SA335P92	OD	49	TIG & ARC	49 	ER90S-B92		E9015-B92		1056/R EV04	220 (REFER *)	755±15	2.5(60 MTS MINIMUM)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00			
		PIPE/FITTING	SA234WP92	219.1			25	900	125	150	4575								



ERECTION/FIELD WELDING SCHEDULE

PROJECT:	2X800MW LARA SUPER THERMAL POWER PROJECT STAGE-II	CUST. NO:	1834 & 1835
		PGMA:	80-301
NAME OF THE CUSTOMER:	NATIONAL THERMAL POWER CORPORATION LTD.	SYSTEM DESCRIPTION:	STISOMETRIC OF MAIN STEAM PIPING FROM BOILER STOP VALVE TO MAIN STEAM STOP VALVE

Sl.No.	Drg. No. for weld location	Description of parts to be welded	Matl. Spec.	Dimensions		Process of Welding	Type of weld	Electrode filler spec.					W.P.S no.	Min pre heat temp.	Heat Treatment		NDT method & Quantum	Remarks		
				ID/OD	Thick			TIG		Arc spec					Temp.	Hold time per mm in minutes				
		Part-1	Part-1	Size	Qty (gms)			Qty(nos)												
		Part-2	Part-2	mm	Dia2.4			Dia2.5	Dia3.2	Dia4.0	in deg C	in deg C								
1	0-80-301-A0238	PIPE	SA335P92	ID	93	TIG & ARC	93 	ER90S-B92	E9015-B92			1056/R EV04	220 (REFER *)	755±15	2.5(60 MTS MINIMUM)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00				
		PIPE/FITTING	SA234WP92	370			57	5928	627	798	75297									
2	0-80-301-A0238	PIPE	SA335P92	ID	103	TIG & ARC	103 	ER90S-B92	E9015-B92			1056/R EV04	220 (REFER *)	755±15	2.5(60 MTS MINIMUM)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00				
		PIPE	SA335P92	370			47	4888	517	658	74542									
3	0-80-301-A0238	PIPE	SA335P92	ID	108	TIG & ARC	108 	ER90S-B92	E9015-B92			1056/R EV04	220 (REFER *)	755±15	2.5(60 MTS MINIMUM)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00				
		PIPE	SA335P92	370			3	312	33	42	5187									
4	0-80-301-A0238	PIPE	SA335P92	ID	135	TIG & ARC	135 	ER90S-B92	E9015-B92			1056/R EV04	220 (REFER *)	755±15	2.5(60 MTS MINIMUM)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00				
		PIPE/FITTING	SA234WP92	690			2	230	26	32	6144									
5	0-80-301-A0238	PIPE	SA335P92	ID	51	TIG & ARC	51 	ER90S-B92	E9015-B92			1056/R EV04	220 (REFER *)	755±15	2.5(60 MTS MINIMUM)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00				
		PIPE/FITTING	SA234WP92	200			2	114	12	16	586									
6	0-80-301-A0238	PIPE	SA335P92	OD	49	TIG & ARC	49 	ER90S-B92	E9015-B92			1056/R EV04	220 (REFER *)	755±15	2.5(60 MTS MINIMUM)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00				
		PIPE/FITTING	SA234WP92	219.1			2	72	10	12	36632									
NOTES:												REV NO	DATE	ALTERED	APPROVED					
(1) REFER DOC NO: AA/CQ/GL/011 (Latest Revision) - MANUAL FOR WELDING, HEAT TREATMENT AND NON DESTRUCTIVE TESTING FOR POWER SECTOR												01								
(2) REFER DOC NO:NDT/EWS/1834 (LATEST REVISION) FOR PROJECT SPECIFIC NDT REQUIREMENTS. (3) REFER RESPECTIVE WPS (LATEST REVISION) FOR PREHEAT AND POST HEAT TREATMENT.												REV NO	DATE	ALTERED	APPROVED					
* - REFER WPS FOR PREHEAT MAINTENANCE,POSTHEAT,INTERPASS TEMP. AND OTHER REQUIREMENTS.												02								
# - REFER WPS FOR BACKING / PURGING GAS												03								
T - BASE METAL THICKNESS												REV NO	DATE	ALTERED	APPROVED					
§ - REFER WPS FOR INTERPASS TEMP.												04								
PREPARED BY		DESIGN/CHD.		DESIGN/APPD.		QA-CHD./APPRD.		DATE		DRAWING NO:				SHEET NO:			REV. NO.			
AP.KRISHNAKUMAR		A.SHIVA RAHUL		P.SURESH		M.MANOJ PANDI		02.06.2026		4-80-301-A0538				01			OF	01	00	



Sl.No.	Drg. No. for weld location	Description of parts to be welded	Matl. Spec.	Dimensions		Process of Welding	Type of weld	Electrode filler spec.				W.P.S no.	Min pre heat temp.	Heat Treatment		NDT method & Quantum	Remarks		
				ID/OD	Thick			TIG		Arc spec				Temp.	Hold time per mm in minutes				
		Part-1	Part-1	Size				Qty (gms)	Qty(nos)										
		Part-2	Part-2	mm	mm			Dia2.4	Dia2.5	Dia3.2	Dia4.0		in deg C	in deg C					
1	0-80-425-A0262	PIPING	SA106GRC	OD	97	TIG & ARC	97 	ER70S-A1	E7018-1			1004/R EV04	150	610±15	2.5(30 MTS MINIMUM)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00			
		PIPE/FITTING	SA234WPC	660			22	4004	990	1584	22528								
2	0-80-425-A0262	PIPING	SA106GRC	OD	82	TIG & ARC	82 	ER70S-A1	E7018-1			1004/R EV04	150	610±15	2.5(30 MTS MINIMUM)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00			
		PIPE/FITTING	SA234WPC	610			1	174	42	69	709								
3	0-80-425-A0262	PIPING	SA106GRC	OD	79.5	TIG & ARC	79.5 	ER70S-A1	E7018-1			1004/R EV04	150	610±15	2.5(30 MTS MINIMUM)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00			
		PIPE/FITTING	SA234WPC	550			2	314	76	126	1084								
4	0-80-425-A0262	PIPING	SA106GRC	OD	68	TIG & ARC	68 	ER70S-A1	E7018-1			1004/R EV04	100	610±15	2.5(30 MTS MINIMUM)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00			
		PIPE/FITTING	SA234WPC	457			83	10624	2573	4233	31208								
NOTES:											REV NO	DATE	ALTERED	APPROVED					
(1) REFER DOC NO: AA/CQ/GL/011 (Latest Revision) - MANUAL FOR WELDING, HEAT TREATMENT AND NON DESTRUCTIVE TESTING FOR POWER SECTOR											01								
(2) REFER DOC NO:NDT/EWS/1834 (LATEST REVISION) FOR PROJECT SPECIFIC NDT REQUIREMENTS. (3) REFER RESPECTIVE WPS (LATEST REVISION) FOR PREHEAT AND POST HEAT TREATMENT.											REV NO	DATE	ALTERED	APPROVED					
											02								
* - REFER WPS FOR PREHEAT MAINTENANCE,POSTHEAT,INTERPASS TEMP. AND OTHER REQUIREMENTS.											REV NO	DATE	ALTERED	APPROVED					
# - REFER WPS FOR BACKING / PURGING GAS											03								
T - BASE METAL THICKNESS											REV NO	DATE	ALTERED	APPROVED					
§ - REFER WPS FOR INTERPASS TEMP.											04								
PREPARED BY		DESIGN/CHD.		DESIGN/APPD.		QA-CHD./APPRD.		DATE		DRAWING NO:				SHEET NO:			REV. NO.		
AP.KRISHNAKUMAR		A.SHIVA RAHUL		P.SURESH		M.MANOJ PANDI		02.06.2026		4-80-425-A0595				01			OF	01	00



ERECTION/FIELD WELDING SCHEDULE

PROJECT:	2X800MW LARA SUPER THERMAL POWER PROJECT STAGE-II	CUST. NO:	1834 & 1835
		PGMA:	80-424
NAME OF THE CUSTOMER:	NATIONAL THERMAL POWER CORPORATION LTD.	SYSTEM DESCRIPTION:	BFP DISCHARGE PIPING BETWEEN HEATERS-PART-I

Sl.No.	Drg. No. for weld location	Description of parts to be welded	Matl. Spec.	Dimensions		Process of Welding	Type of weld	Electrode filler spec.				W.P.S no.	Min pre heat temp.	Heat Treatment		NDT method & Quantum	Remarks			
				ID/OD	Thick			TIG		Arc spec				Temp.	Hold time per mm in minutes					
		Part-1	Part-1	Size				Qty (gms)	Qty(nos)											
		Part-2	Part-2	mm	mm			Dia2.4	Dia2.5	Dia3.2	Dia4.0			in deg C	in deg C					
1	0-80-424-A0260	PIPING	SA106GRC	OD	79.5	TIG & ARC	79.5	ER70S-A1	E7018-1			1004/R EV04	150	610±15	2.5(30 MTS MINIMUM)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00				
	0-80-424-A0261	PIPE/FITTING	SA234WPC	550			9	1413	342	567	4878									
2	0-80-424-A0260	PIPING	SA106GRC	OD	68	TIG & ARC	68	ER70S-A1	E7018-1			1004/R EV04	100	610±15	2.5(30 MTS MINIMUM)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00				
	0-80-424-A0261	PIPE/FITTING	SA234WPC	457			138	17664	4278	7038	51888									
3	1-80-424-A0565	PIPING	SA106GRC	OD	79.5	TIG & ARC	79.5	ER70S-A1	E7018-1			1004/R EV04	150	610±15	2.5(30 MTS MINIMUM)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00				
		PIPE/FITTING	SA234WPC	550			2	314	76	126	1084									
4	1-80-424-A0565	PIPING	SA106GRC	OD	68	TIG & ARC	68	ER70S-A1	E7018-1			1004/R EV04	100	610±15	2.5(30 MTS MINIMUM)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00				
		PIPE/FITTING	SA234WPC	457			40	5120	1240	2040	15040									
NOTES:												REV NO	DATE	ALTERED	APPROVED					
(1) REFER DOC NO: AA/CQ/GL/011 (Latest Revision) - MANUAL FOR WELDING, HEAT TREATMENT AND NON DESTRUCTIVE TESTING FOR POWER SECTOR												01								
(2) REFER DOC NO:NDT/EWS/1834 (LATEST REVISION) FOR PROJECT SPECIFIC NDT REQUIREMENTS. (3) REFER RESPECTIVE WPS (LATEST REVISION) FOR PREHEAT AND POST HEAT TREATMENT.												REV NO	DATE	ALTERED	APPROVED					
* - REFER WPS FOR PREHEAT MAINTENANCE,POSTHEAT,INTERPASS TEMP. AND OTHER REQUIREMENTS.												02								
# - REFER WPS FOR BACKING / PURGING GAS												REV NO	DATE	ALTERED	APPROVED					
T - BASE METAL THICKNESS												03								
\$ - REFER WPS FOR INTERPASS TEMP.												REV NO	DATE	ALTERED	APPROVED					
												04								
PREPARED BY		DESIGN/CHD.		DESIGN/APPD.		QA-CHD./APPRD.		DATE		DRAWING NO:				SHEET NO:				REV. NO.		
KRISHNAKUMAR.AP		A.SHIVA RAHUL		P.SURESH		M.MANOJ PANDI		02.06.2026		4-80-424-A1159				01				OF	01	00



Sl.No.	Drg. No. for weld location	Description of parts to be welded	Matl. Spec.	Dimensions		Process of Welding	Type of weld	Electrode filler spec.					W.P.S no.	Min pre heat temp.	Heat Treatment		NDT method & Quantum	Remarks			
				ID/OD	Thick			TIG		Arc spec					Temp.	Hold time per mm in minutes					
		Part-1	Part-1	Size				Qty (gms)		Qty(nos)											
		Part-2	Part-2	mm	mm			Dia2.4	Dia2.5	Dia3.2	Dia4.0	in deg C		in deg C							
17	0-80-423-A0226	PIPING	SA106GRC	OD	67	TIG & ARC	67 	ER70S-A1	E7018-1			1004/R EV04	100	610±15	2.5(30 MTS MINIMUM)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00					
		PIPE/FITTING	SA234WPC	355.6			1	91	21	37	278										



ERECTION/FIELD WELDING SCHEDULE

PROJECT:	2X800MW LARA SUPER THERMAL POWER PROJECT STAGE-II	CUST. NO:	1834 & 1835
		PGMA:	80-423
NAME OF THE CUSTOMER:	NATIONAL THERMAL POWER CORPORATION LTD.	SYSTEM DESCRIPTION:	BOILER FEED DISCHARGE PIPING

Sl.No.	Drg. No. for weld location	Description of parts to be welded	Matl. Spec.	Dimensions		Process of Welding	Type of weld	Electrode filler spec.					W.P.S no.	Min pre heat temp.	Heat Treatment		NDT method & Quantum	Remarks			
				ID/OD Size	Thick			TIG		Arc spec					Temp.	Hold time per mm in minutes					
								Qty (gms)	Qty(nos)	Dia2.5	Dia3.2	Dia4.0									
9	0-80-423-A0225	PIPING	SA106GRC	OD	54	TIG & ARC	54	ER70S-A1	E7018-1			1004/R EV04	100	610±15	2.5(30 MTS MINIMUM)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00					
		PIPE/FITTING	SA234WPC	355.6			20	2000	480	800	3940										
10	0-80-423-A0225	PIPING	SA106GRC	OD	54	TIG & ARC	54	ER70S-A1	E7018A1			1018/R EV05	150	650-670	2.5(60 MTS MINIMUM-PIPE, 30 MTS MINIMUM-TUBE)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00					
		PIPE/FITTING	SA234WP11	355.6			1	100	24	40	197										
11	0-80-423-A0225	PIPING	SA335P11	OD	77	TIG & ARC	77	ER80S-B2	E8018-B2			1010/R EV06	150	650-670	2.5(60 MTS MINIMUM-PIPE, 30 MTS MINIMUM-TUBE)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00					
		PIPE/FITTING	SA234WP11	406.4			4	412	96	164	1620										
12	0-80-423-A0225	PIPING	SA106GRC	OD	77	TIG & ARC	77	ER70S-A1	E7018-1			1004/R EV04	150	610±15	2.5(30 MTS MINIMUM)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00					
		PIPE/FITTING	SA234WPC	406.4			55	5665	1320	2255	22275										
13	0-80-423-A0225	PIPING	SA106GRC	OD	77	TIG & ARC	77	ER70S-A1	E7018A1			1018/R EV05	150	650-670	2.5(60 MTS MINIMUM-PIPE, 30 MTS MINIMUM-TUBE)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00					
		PIPE/FITTING	SA234WP11	406.4			1	103	24	41	405										
14	0-80-423-A0334	PIPING	SA106GRC	OD	124	TIG & ARC	124	ER70S-A1	E7018-1			1004/R EV04	150	610±15	2.5(30 MTS MINIMUM)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00					
	0-80-423-A0226	PIPE/FITTING	SA234WPC	660			20	3280	800	1300	30260										
15	0-80-423-A0226	PIPING	SA106GRC	OD	89	TIG & ARC	89	ER70S-A1	E7018-1			1004/R EV04	150	610±15	2.5(30 MTS MINIMUM)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00					
		PIPE/FITTING	SA234WPC	610			13	2158	520	858	11479										
16	0-80-423-A0226	PIPING	SA106GRC	OD	96	TIG & ARC	96	ER70S-A1	E7018-1			1004/R EV04	150	610±15	2.5(30 MTS MINIMUM)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00					
		PIPE/FITTING	SA234WPC	508			55	6600	1540	2640	48620										
NOTES: (1) REFER DOC NO: AA/CQ/GL/011 (Latest Revision) - MANUAL FOR WELDING, HEAT TREATMENT AND NON DESTRUCTIVE TESTING FOR POWER SECTOR (2) REFER DOC NO:NDT/EWS/1834 (LATEST REVISION) FOR PROJECT SPECIFIC NDT REQUIREMENTS. (3) REFER RESPECTIVE WPS (LATEST REVISION) FOR PREHEAT AND POST HEAT TREATMENT. * - REFER WPS FOR PREHEAT MAINTENANCE,POSTHEAT,INTERPASS TEMP. AND OTHER REQUIREMENTS. # - REFER WPS FOR BACKING / PURGING GAS T - BASE METAL THICKNESS \$ - REFER WPS FOR INTERPASS TEMP.												REV NO	DATE	ALTERED	APPROVED						
												01									
												REV NO	DATE	ALTERED	APPROVED						
												02									
												REV NO	DATE	ALTERED	APPROVED						
												03									
												04									
PREPARED BY		DESIGN/CHD.		DESIGN/APPD.		QA-CHD./APPRD.		DATE		DRAWING NO:				SHEET NO:			REV. NO.				
AP.KRISHNAKUMAR		A.SHIVA RAHUL		P.SURESH		M.MANOJ PANDI		02.06.2026		4-80-423-A1158				02			OF	03	00		



ERECTION/FIELD WELDING SCHEDULE

PROJECT:	2X800MW LARA SUPER THERMAL POWER PROJECT STAGE-II	CUST. NO:	1834 & 1835
		PGMA:	80-423
NAME OF THE CUSTOMER:	NATIONAL THERMAL POWER CORPORATION LTD.	SYSTEM DESCRIPTION:	BOILER FEED DISCHARGE PIPING

Sl.No.	Drg. No. for weld location	Description of parts to be welded	Matl. Spec.	Dimensions		Process of Welding	Type of weld	Electrode filler spec.				W.P.S no.	Min pre heat temp.	Heat Treatment		NDT method & Quantum	Remarks					
				ID/OD Size mm	Thick mm			TIG		Arc spec				Temp.	Hold time per mm in minutes							
								Qty (gms)	Qty(nos)	Dia2.4	Dia2.5										Dia3.2	Dia4.0
1	1-80-423-A0534	PIPING	SA106GRC	OD	89	TIG & ARC	89	ER70S-A1	E7018-1			1004/R EV04	150	610±15	2.5(30 MTS MINIMUM)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00						
		PIPE/FITTING	SA234WPC	610			34	5644	1360	2244	30022											
2	1-80-423-A0534	PIPING	SA106GRC	OD	68	TIG & ARC	68	ER70S-A1	E7018-1			1004/R EV04	100	610±15	2.5(30 MTS MINIMUM)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00						
		PIPE/FITTING	SA234WPC	457			6	768	186	306	2256											
3	1-80-423-A537	PIPING	SA106GRC	OD	64	TIG & ARC	64	ER70S-A1	E7018-1			1004/R EV04	100	610±15	2.5(30 MTS MINIMUM)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00						
		PIPE/FITTING	SA234WPC	323.9			30	2400	570	990	7170											
4	1-80-423-A537	PIPING	SA106GRC	OD	54	TIG & ARC	54	ER70S-A1	E7018-1			1004/R EV04	100	610±15	2.5(30 MTS MINIMUM)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00						
		PIPE/FITTING	SA234WPC	273			3	204	48	84	450											
5	1-80-423-A537	PIPING	SA182F12	OD	64	TIG & ARC	64	ER80S-B2	E8018-B2			1010/R EV06	150	650-670	2.5(60 MTS MINIMUM-PIPE, 30 MTS MINIMUM-TUBE)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00						
		PIPE/FITTING	SA182F12	323.9			6	480	114	198	1434											
6	1-80-423-A537	PIPING	SA182F12	OD	55	TIG & ARC	55	ER80S-B2	E8018-B2			1010/R EV06	150	650-670	2.5(60 MTS MINIMUM-PIPE, 30 MTS MINIMUM-TUBE)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00						
		PIPE/FITTING	SA182F12	273			2	136	32	56	300											
7	1-80-423-A537	PIPING	SA106GRC	OD	64	TIG & ARC	64	ER70S-A1	E7018A1			1018/R EV05	150	650-670	2.5(60 MTS MINIMUM-PIPE, 30 MTS MINIMUM-TUBE)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00						
	0-80-423-A0226	PIPE/FITTING	SA182F12	323.9			5	400	95	165	1195											
8	1-80-423-A537	PIPING	SA106GRC	OD	54	TIG & ARC	54	ER70S-A1	E7018A1			1018/R EV05	150	650-670	2.5(60 MTS MINIMUM-PIPE, 30 MTS MINIMUM-TUBE)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00						
		PIPE/FITTING	SA182F12	273			2	136	32	56	300											
NOTES: (1) REFER DOC NO: AA/CQ/GL/011 (Latest Revision) - MANUAL FOR WELDING, HEAT TREATMENT AND NON DESTRUCTIVE TESTING FOR POWER SECTOR (2) REFER DOC NO:NDT/EWS/1834 (LATEST REVISION) FOR PROJECT SPECIFIC NDT REQUIREMENTS. (3) REFER RESPECTIVE WPS (LATEST REVISION) FOR PREHEAT AND POST HEAT TREATMENT. * - REFER WPS FOR PREHEAT MAINTENANCE,POSTHEAT,INTERPASS TEMP. AND OTHER REQUIREMENTS. # - REFER WPS FOR BACKING / PURGING GAS T - BASE METAL THICKNESS \$ - REFER WPS FOR INTERPASS TEMP.												REV NO	DATE	ALTERED	APPROVED							
												01										
												REV NO	DATE	ALTERED	APPROVED							
												02										
												REV NO	DATE	ALTERED	APPROVED							
												03										
												REV NO	DATE	ALTERED	APPROVED							
												04										
PREPARED BY		DESIGN/CHD.		DESIGN/APPD.		QA-CHD/APPRD.		DATE		DRAWING NO:				SHEET NO:			REV. NO.					
AP.KRISHNAKUMAR		A.SHIVA RAHUL		P.SURESH		M.MANOJ PANDI		02.06.2026		4-80-423-A1158				01			OF	03	00			



ERECTION/FIELD WELDING SCHEDULE

PROJECT:	2X800MW LARA SUPER THERMAL POWER PROJECT STAGE-II	CUST. NO:	1834 & 1385
		PGMA:	80-321
NAME OF THE CUSTOMER:	NATIONAL THERMAL POWER CORPORATION LTD.	SYSTEM DESCRIPTION:	ISO OF HIGH PRESSURE BYPASS VALVE TO COLD REHEAT PIPING

Sl.No.	Drg. No. for weld location	Description of parts to be welded	Matl. Spec.	Dimensions		Process of Welding	Type of weld	Electrode filler spec.					W.P.S no.	Min pre heat temp.	Heat Treatment		NDT method & Quantum	Remarks			
				ID/OD	Thick			TIG		Arc spec					Temp.	Hold time per mm in minutes					
		Part-1	Part-1	Size				Qty (gms)		Qty(nos)											
		Part-2	Part-2	mm	mm			Dia2.4	Dia2.5	Dia3.2	Dia4.0	in deg C		in deg C							
1	2-80-321-A0384	PIPING	SA335P22	OD	38.89	TIG & ARC		ER90S-B3	E9018-B3			1014/R EV03	150 (REFER *)	680-720	2.5(60 MTS MINIMUM-PIPE, 30 MTS MINIMUM-TUBE)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00					
PIPE/FITTING	SA234WP22	610		18			3618	900	1440	3906											
2																					
3																					
4																					
5																					
6																					
7																					
8																					
NOTES: (1) REFER DOC NO: AA/CQ/GL/011 (Latest Revision) - MANUAL FOR WELDING, HEAT TREATMENT AND NON DESTRUCTIVE TESTING FOR POWER SECTOR (2) REFER DOC NO:NDT/EWS/1834 (LATEST REVISION) FOR PROJECT SPECIFIC NDT REQUIREMENTS. (3) REFER RESPECTIVE WPS (LATEST REVISION) FOR PREHEAT AND POST HEAT TREATMENT. * - REFER WPS FOR PREHEAT MAINTENANCE,POSTHEAT,INTERPASS TEMP. AND OTHER REQUIREMENTS. # - REFER WPS FOR BACKING / PURGING GAS T - BASE METAL THICKNESS \$ - REFER WPS FOR INTERPASS TEMP.												REV NO	DATE	ALTERED	APPROVED	SHEET NO:			REV. NO.		
												01									
												REV NO	DATE	ALTERED	APPROVED						
												02									
* - REFER WPS FOR PREHEAT MAINTENANCE,POSTHEAT,INTERPASS TEMP. AND OTHER REQUIREMENTS.												REV NO	DATE	ALTERED	APPROVED						
# - REFER WPS FOR BACKING / PURGING GAS												03									
T - BASE METAL THICKNESS												REV NO	DATE	ALTERED	APPROVED						
\$ - REFER WPS FOR INTERPASS TEMP.												04									
PREPARED BY		DESIGN/CHD.		DESIGN/APPD.		QA-CHD./APPRD.		DATE		DRAWING NO:				SHEET NO:			OF	01	00		
AP.KRISHNAKUMAR		A.SHIVA RAHUL		P.SURESH		M.MANOJ PANDI		02.06.2026		4-80-321-A1157				01							



Sl.No.	Drg. No. for weld location	Description of parts to be welded	Matl. Spec.	Dimensions		Process of Welding	Type of weld	Electrode filler spec.					W.P.S no.	Min pre heat temp.	Heat Treatment		NDT method & Quantum	Remarks					
				ID/OD	Thick			TIG		Arc spec					Temp.	Hold time per mm in minutes							
		Part-1	Part-1	Size	Qty (gms)				Qty(nos)														
		Part-2	Part-2	mm	mm			Qty	Dia2.4	Dia2.5	Dia3.2	Dia4.0		in deg C	in deg C								
9	0-80-320-A0250	PIPE	SA106GRC	OD	40	TIG & ARC	40 	ER70S-A1	E7018-1			1004/R EV04	100	610±15	2.5(30 MTS MINIMUM)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00							
		PIPE/FITTING	SA234WPC	864			39	11427	3003	4602	8190												
10	0-80-320-A0250	PIPE	SA106GRC	OD	35		35 	ER70S-A1	E7018-1			1004/R EV04	100	610±15	2.5(30 MTS MINIMUM)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00							
		PIPE/FITTING	SA234WPC	864			39	11427	3003	4602	8112												
11	0-80-320-A0250	PIPE	SA106GRC	OD	35		35 	ER70S-A1	E7018-1			1004/R EV04	100	610±15	2.5(30 MTS MINIMUM)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00							
		PIPE/FITTING	SA234WPC	558			2	372	92	148	312												
12	0-80-320-A0250	PIPE	SA106GRC	OD	25		25 	ER70S-A1	E7018-1			1004/R EV04	(Min)20	610±15	2.5(30 MTS MINIMUM)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00							
		PIPE/FITTING	SA234WPC	406.4			10	1420	340	570	210												
NOTES:												REV NO	DATE	ALTERED	APPROVED								
(1) REFER DOC NO: AA/CQ/GL/011 (Latest Revision) - MANUAL FOR WELDING, HEAT TREATMENT AND NON DESTRUCTIVE TESTING FOR POWER SECTOR												01											
(2) REFER DOC NO:NDT/EWS/1834 (LATEST REVISION) FOR PROJECT SPECIFIC NDT REQUIREMENTS. (3) REFER RESPECTIVE WPS (LATEST REVISION) FOR PREHEAT AND POST HEAT TREATMENT.												REV NO	DATE	ALTERED	APPROVED								
* - REFER WPS FOR PREHEAT MAINTENANCE,POSTHEAT,INTERPASS TEMP. AND OTHER REQUIREMENTS.												REV NO	DATE	ALTERED	APPROVED								
# - REFER WPS FOR BACKING / PURGING GAS												03											
T - BASE METAL THICKNESS												REV NO	DATE	ALTERED	APPROVED								
\$ - REFER WPS FOR INTERPASS TEMP.												04											
PREPARED BY		DESIGN/CHD.		DESIGN/APPD.		QA-CHD./APPRD.			DATE			DRAWING NO:				SHEET NO:				REV. NO.			
AP.KRISHNAKUMAR		A.SHIVA RAHUL		P.SURESH		M.MANOJ PANDI			02.06.2026			4-80-320-A0562				02		OF		02		00	



ERECTION/FIELD WELDING SCHEDULE

PROJECT:	2X800MW LARA SUPER THERMAL POWER PROJECT STAGE-II	CUST. NO:	1834 & 1835
		PGMA:	80-320
NAME OF THE CUSTOMER:	NATIONAL THERMAL POWER CORPORATION LTD.	SYSTEM DESCRIPTION:	ISOMETRIC OF COLD REHEATING PIPING PART 1&2

Sl.No.	Drg. No. for weld location	Description of parts to be welded	Matl. Spec.	Dimensions		Process of Welding	Type of weld	Electrode filler spec.					W.P.S no.	Min pre heat temp.	Heat Treatment		NDT method & Quantum	Remarks			
				ID/OD	Thick			TIG		Arc spec					Temp.	Hold time per mm in minutes					
								Size	mm	Qty (gms)	Qty(nos)										
										mm	mm	Dia2.4									Dia2.5
1	1-80-320-A0555	PIPE	SA335P22	OD	60	TIG & ARC	60	ER90S-B3	E9018-B3			1014/R EV03	150 (REFER *)	680-720	2.5(60 MTS MINIMUM-PIPE, 30 MTS MINIMUM-TUBE)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00					
		PIPE/FITTING	SA234WP22	1016			19	6213	1653	2508	13908										
2	1-80-320-A0555	PIPE	SA335P22	OD	60	TIG & ARC	60	ER80S-B2	E8018-B2			1012/R EV04	150 (REFER *)	680-720	2.5(60 MTS MINIMUM-PIPE, 30 MTS MINIMUM-TUBE)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00					
		PIPE	SA335P12	1016			1	327	87	132	732										
3	1-80-320-A0555	PIPE	SA335P22	OD	45	TIG & ARC	45	ER90S-B3	E9018-B3			1014/R EV03	150 (REFER *)	680-720	2.5(60 MTS MINIMUM-PIPE, 30 MTS MINIMUM-TUBE)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00					
		PIPE/FITTING	SA234WP22	910			1	300	79	120	438										
4	1-80-320-A0555	PIPE	SA335P22	OD	45	TIG & ARC	45	ER90S-B3	E9018-B3			1014/R EV03	150 (REFER *)	680-720	2.5(60 MTS MINIMUM-PIPE, 30 MTS MINIMUM-TUBE)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00					
		PIPE/FITTING	SA234WP22	864			2	568	148	228	830										
5	1-80-320-A0555	PIPE	SA335P22	OD	38.89	TIG & ARC	38.89	ER90S-B3	E9018-B3			1014/R EV03	150 (REFER *)	680-720	2.5(60 MTS MINIMUM-PIPE, 30 MTS MINIMUM-TUBE)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00					
		PIPE/FITTING	SA234WP22	610			2	402	100	160	434										
6	1-80-320-A0555	PIPE	SA335P22	OD	25	TIG & ARC	25	ER90S-B3	E9018-B3			1014/R EV03	150 (REFER *)	680-720	2.5(60 MTS MINIMUM-PIPE, 30 MTS MINIMUM-TUBE)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00					
		PIPE/FITTING	SA234WP22	323.9			2	214	50	86	94										
7	1-80-320-A0555	PIPE	SA335P12	OD	41	TIG & ARC	41	ER70S-A1	E7018A1			1018/R EV05	150	650-670	2.5(60 MTS MINIMUM-PIPE, 30 MTS MINIMUM-TUBE)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00					
		PIPE	SA106GRC	1016			1	340	91	137	360										
8	0-80-320-A0250	PIPE	SA106GRC	OD	41	TIG & ARC	41	ER70S-A1	E7018-1			1004/R EV04	100	610±15	2.5(30 MTS MINIMUM)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00					
	1-80-320-A0555	PIPE/FITTING	SA234WPC	1016			30	10200	2730	4110	10800										
NOTES: (1) REFER DOC NO: AA/CQ/GL/011 (Latest Revision) - MANUAL FOR WELDING, HEAT TREATMENT AND NON DESTRUCTIVE TESTING FOR POWER SECTOR (2) REFER DOC NO:NDT/EWS/1834 (LATEST REVISION) FOR PROJECT SPECIFIC NDT REQUIREMENTS. (3) REFER RESPECTIVE WPS (LATEST REVISION) FOR PREHEAT AND POST HEAT TREATMENT. * - REFER WPS FOR PREHEAT MAINTENANCE,POSTHEAT,INTERPASS TEMP. AND OTHER REQUIREMENTS. # - REFER WPS FOR BACKING / PURGING GAS T - BASE METAL THICKNESS \$ - REFER WPS FOR INTERPASS TEMP.												REV NO	DATE	ALTERED	APPROVED	SHEET NO:			REV. NO.		
												01									
												REV NO	DATE	ALTERED	APPROVED						
												02									
												REV NO	DATE	ALTERED	APPROVED						
												03									
												REV NO	DATE	ALTERED	APPROVED						
												04									
PREPARED BY		DESIGN/CHD.		DESIGN/APPD.		QA-CHD./APPRD.		DATE		DRAWING NO:				SHEET NO:			REV. NO.				
AP.KRISHNAKUMAR		A.SHIVA RAHUL		P.SURESH		M.MANOJ PANDI		02.06.2026		4-80-320-A0562				01			OF	02	00		



Sl.No.	Drg. No. for weld location	Description of parts to be welded	Matl. Spec.	Dimensions		Process of Welding	Type of weld	Electrode filler spec.					W.P.S no.	Min pre heat temp. in deg C	Heat Treatment		NDT method & Quantum	Remarks				
				ID/OD Size	Thick			TIG		Arc spec					Temp.	Hold time per mm in minutes						
								Part-1	Part-2	Qty (gms)	Qty(nos)											
											Part-1	Part-2										Dia2.4
		Part-1	Part-2	mm	mm	Qty		Dia2.4	Dia2.5	Dia3.2	Dia4.0	in deg C		in deg C								
1	0-80-312-A0248	PIPE	SA335P92	ID	33	TIG & ARC	33		ER90S-B92		E9015-B92			1056/R EV04	220 (REFER *)	755±15	2.5(60 MTS MINIMUM)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00				
		PIPE/FITTING	SA234WP92	590			8	1320	136	168	3016											
2	0-80-312-A0248	PIPE	SA335P92	ID	39	TIG & ARC	39		ER90S-B92		E9015-B92			1056/R EV04	220 (REFER *)	755±15	2.5(60 MTS MINIMUM)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00				
		PIPE/FITTING	SA234WP92	590			38	6270	646	798	18430											
3	0-80-312-A0248	PIPE	SA335P92	OD	47	TIG & ARC	47		ER90S-B92		E9015-B92			1056/R EV04	220 (REFER *)	755±15	2.5(60 MTS MINIMUM)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00				
		PIPE/FITTING	SA234WP92	219.1			4	148	24	28	700											
4	0-80-312-A0248	PIPE	SA691GR22	OD	28	TIG & ARC	28		ER90S-B3		E9018-B3			1014/R EV03	150 (REFER *)	680-720	2.5(60 MTS MINIMUM-PIPE, 30 MTS MINIMUM-TUBE)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00				
		PIPE/FITTING	SA691GR22	1118			4	1520	420	620	640											
NOTES:												REV NO	DATE	ALTERED	APPROVED							
(1) REFER DOC NO: AA/CQ/GL/011 (Latest Revision) - MANUAL FOR WELDING, HEAT TREATMENT AND NON DESTRUCTIVE TESTING FOR POWER SECTOR												01										
(2) REFER DOC NO:NDT/EWS/1834 (LATEST REVISION) FOR PROJECT SPECIFIC NDT REQUIREMENTS. (3) REFER RESPECTIVE WPS (LATEST REVISION) FOR PREHEAT AND POST HEAT TREATMENT.												REV NO	DATE	ALTERED	APPROVED							
* - REFER WPS FOR PREHEAT MAINTENANCE,POSTHEAT,INTERPASS TEMP. AND OTHER REQUIREMENTS.												02										
# - REFER WPS FOR BACKING / PURGING GAS												REV NO	DATE	ALTERED	APPROVED							
T - BASE METAL THICKNESS												03										
§ - REFER WPS FOR INTERPASS TEMP.												REV NO	DATE	ALTERED	APPROVED							
												04										
PREPARED BY		DESIGN/CHD.		DESIGN/APPD.		QA-CHD./APPRD.			DATE			DRAWING NO:				SHEET NO:			OF	01	REV. NO.	
AP.KRISHNAKUMAR		A.SHIVA RAHUL		P.SURESH		M.MANOJ PANDI			02.06.2026			4-80-312-A0561				01					00	



ERECTION/FIELD WELDING SCHEDULE

PROJECT:	2X800MW LARA SUPER THERMAL POWER PROJECT STAGE-II	CUST. NO:	1834 & 1835
		PGMA:	80-310
NAME OF THE CUSTOMER:	NATIONAL THERMAL POWER CORPORATION LTD.	SYSTEM DESCRIPTION:	ISOMETRIC OF HOT REHEAT PIPING

Sl.No.	Drg. No. for weld location	Description of parts to be welded	Matl. Spec.	Dimensions		Process of Welding	Type of weld	Electrode filler spec.				W.P.S no.	Min pre heat temp.	Heat Treatment		NDT method & Quantum	Remarks		
				ID/OD	Thick			TIG		Arc spec				Temp.	Hold time per mm in minutes				
		Part-1	Part-1	Size				Qty (gms)	Qty(nos)										
		Part-2	Part-2	mm	mm			Dia2.4	Dia2.5	Dia3.2	Dia4.0		in deg C	in deg C					
1	0-80-310-A0252	PIPE	SA335P92	ID	38	TIG & ARC	38	ER90S-B92	E9015-B92			1056/R EV04	220 (REFER *)	755±15	2.5(60 MTS MINIMUM)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00			
	0-80-310-A0253	PIPE/FITTING	SA234WP92	680			70	13300	1400	1750	37310								
2	0-80-310-A0252	PIPE	SA335P92	ID	42	TIG & ARC	42	ER90S-B92	E9015-B92			1056/R EV04	220 (REFER *)	755±15	2.5(60 MTS MINIMUM)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00			
	0-80-310-A0253	PIPE/FITTING	SA234WP92	680			70	13300	1400	1750	43400								
3	0-80-310-A0252	PIPE	SA335P92	ID	33	TIG & ARC	33	ER90S-B92	E9015-B92			1056/R EV04	220 (REFER *)	755±15	2.5(60 MTS MINIMUM)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00			
	0-80-310-A0253	PIPE/FITTING	SA234WP92	590			1	165	17	21	377								
4	0-80-310-A0252	PIPE	SA335P92	OD	75	TIG & ARC	75	ER90S-B92	E9015-B92			1056/R EV04	220 (REFER *)	755±15	2.5(60 MTS MINIMUM)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00			
	0-80-310-A0253	PIPE/FITTING	SA234WP92	812.8			2	370	38	48	3042								
5	0-80-310-A0252	PIPE	SA335P92	OD	58	TIG & ARC	58	ER90S-B92	E9015-B92			1056/R EV04	220 (REFER *)	755±15	2.5(60 MTS MINIMUM)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00			
	0-80-310-A0253	PIPE/FITTING	SA234WP92	846			2	408	42	54	2160								
NOTES:												REV NO	DATE	ALTERED	APPROVED				
(1) REFER DOC NO: AA/CQ/GL/011 (Latest Revision) - MANUAL FOR WELDING, HEAT TREATMENT AND NON DESTRUCTIVE TESTING FOR POWER SECTOR												01							
(2) REFER DOC NO:NDT/EWS/1834 (LATEST REVISION) FOR PROJECT SPECIFIC NDT REQUIREMENTS. (3) REFER RESPECTIVE WPS (LATEST REVISION) FOR PREHEAT AND POST HEAT TREATMENT.												REV NO	DATE	ALTERED	APPROVED				
* - REFER WPS FOR PREHEAT MAINTENANCE,POSTHEAT,INTERPASS TEMP. AND OTHER REQUIREMENTS.												02							
# - REFER WPS FOR BACKING / PURGING GAS												03							
T - BASE METAL THICKNESS												REV NO	DATE	ALTERED	APPROVED				
S - REFER WPS FOR INTERPASS TEMP.												04							
PREPARED BY		DESIGN/CHD.		DESIGN/APPD.		QA-CHD./APPRD.		DATE		DRAWING NO:				SHEET NO:			REV. NO.		
AP.KRISHNAKUMAR		A.SHIVA RAHUL		P.SURESH		M.MANOJ PANDI		02.06.2026		4-80-310-A0569				01			OF	01	00



ERECTION/FIELD WELDING SCHEDULE

PROJECT:	2X800MW LARA SUPER THERMAL POWER PROJECT STAGE-II	CUST. NO:	1834 & 1835
		PGMA:	80-304
NAME OF THE CUSTOMER:	NATIONAL THERMAL POWER CORPORATION LTD.	SYSTEM DESCRIPTION:	ISOMETRIC OF HPBP PIPING

Sl.No.	Drg. No. for weld location	Description of parts to be welded	Matl. Spec.	Dimensions		Process of Welding	Type of weld	Electrode filler spec.					W.P.S no.	Min pre heat temp. in deg C	Heat Treatment		NDT method & Quantum	Remarks			
				ID/OD Size mm	Thick mm			TIG		Arc spec					Temp.	Hold time per mm in minutes					
								Qty (gms)		Qty(nos)											
								Part-1 Part-2		Part-1 Part-2		Dia2.4									
1	2-80-304-A0363	PIPE	SA335P92	ID	51	TIG & ARC	51	ER90S-B92		E9015-B92			1056/R EV04	220 (REFER *)	755±15	2.5(60 MTS MINIMUM)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00				
		PIPE	SA335P92	200			11	627		66	88	3223									
2	2-80-304-A0363	PIPE	SA335P92	ID	59	TIG & ARC	59	ER90S-B92		E9015-B92			1056/R EV04	220 (REFER *)	755±15	2.5(60 MTS MINIMUM)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00				
		PIPE	SA335P92	200			24	1368		144	192	9024									
3	2-80-304-A0363	PIPE	SA335P92	ID	150	TIG & ARC	150	ER90S-B92		E9015-B92			1056/R EV04	220 (REFER *)	755±15	2.5(60 MTS MINIMUM)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00				
		PIPE	SA335P92	200			4	228		24	32	8928									
4	2-80-304-A0363	PIPE	SA335P92	OD	24	TIG & ARC	24	ER90S-B92		E9015-B92			1056/R EV04	220 (REFER *)	755±15	2.5(60 MTS MINIMUM)	REFER DOCUMENT NO: NDT/EWS/1834 REV-00				
		PIPE/FITTING	SA234WP92	114.3			4	84		16	20	124									
NOTES: (1) REFER DOC NO: AA/CQ/GL/011 (Latest Revision) - MANUAL FOR WELDING, HEAT TREATMENT AND NON DESTRUCTIVE TESTING FOR POWER SECTOR (2) REFER DOC NO:NDT/EWS/1834 (LATEST REVISION) FOR PROJECT SPECIFIC NDT REQUIREMENTS. (3) REFER RESPECTIVE WPS (LATEST REVISION) FOR PREHEAT AND POST HEAT TREATMENT.												REV NO	DATE	ALTERED	APPROVED						
												01									
												REV NO	DATE	ALTERED	APPROVED						
												02									
* - REFER WPS FOR PREHEAT MAINTENANCE,POSTHEAT,INTERPASS TEMP. AND OTHER REQUIREMENTS.												REV NO	DATE	ALTERED	APPROVED						
# - REFER WPS FOR BACKING / PURGING GAS												03									
T - BASE METAL THICKNESS												REV NO	DATE	ALTERED	APPROVED						
\$ - REFER WPS FOR INTERPASS TEMP.												04									
PREPARED BY		DESIGN/CHD.		DESIGN/APPD.		QA-CHD./APPRD.		DATE		DRAWING NO:				SHEET NO:				REV. NO.			
AP.KRISHNAKUMAR		A.SHIVA RAHUL		P.SURESH		M.MANOJ PANDI		02.06.2026		4-80-304-A0557				01		OF	01	00			