

~~PRESSURE PARTS / NON PRESSURE PARTS~~

PG(S): 04 TO 07 PG NAME: PRESSURE PARTS

UNIT: MAHAN & ADITYA ALUMINIUM  
2X(6X150MW)

SL. NO.	DRAWING NO.	DESCRIPTION	MATERIAL	SIZE	THICKNESS	WELD Specn.	NO. OFF	TIG		ARC SPECN.			PREHEAT °C	PWHT °C	MIN RECOMMENDED NDE
								SPECN.	QTY						
1	0-00-027-U4399	PANEL ARRGT.	SA210 GRC SA210 GRC	ø63.5	4.8	4.8 $\hat{V}$	2500								
2	0-00-027-U4399	REAR ARCH, HANGER & SCREEN TUBES	SA210 GRC SA210 GRC	ø76.1	7.1	7.1 $\hat{V}$	300								
3	0-00-027-U4399	RISER PIPES	SA106 GRC SA106 GRC	ø127	11.5	10.5 $\hat{V}$	40								
4	0-00-027-U4399	DOWNCOMER PIPES	SA106 GRC SA106 GRC	ø406.4	32.0	29.2 $\hat{V}$	32								
5	0-00-027-U4399	RING HEADERS	SA106 GRC SA106 GRC	ø406.4	50.0	48 $\hat{V}$	4								
PREPARED		CHECKED ( DESIGN)			APPROVED (WTC)			DATE		DRAWING NO:				REV	
G NOOKA RAJU		K KISHORE			PVD RAMESH					4-07-992-U8459				00	

## ERECTION WELDING SCHEDULE

## PRESSURE PARTS

PROJECT : HINDALCO INDUSTRIES LTD.      Sale Order No.: 8136

PG : 12

PG NAME : SUPERHEATERS

UNIT: ADITYA

ALUMINIUM 1X150MW

SL. NO.	DRAWING NO. WPS NO.	DESCRIPTION	MATERIAL	SIZE	THICK	WELD Specn.	NO OFF	TIG	QTY gm	ACTUAL SPECN.(NOS)			PREHEAT °C	PWHT °C	MIN RECOMMENDED NDE
								SPECN.		Ø2.5	Ø3.15	Ø4.0			
01		SH.CONN.PIPES PIPE + PIPE	SA106GrC + SA106GrC	Ø 127	11.5	10.5 √	55	RT 1/2 MO	1277	E7018-1			-	-	10% RT MIN 2WELD/ WELDER
										576	816				
02	0-00-027-U4399	SH.RAD.ROOF TUBE + TUBE	SA213T11 + SA213T11	Ø 51	5	5√	300	RT 1 1/4Cr 1/2 MO	3180	E8018-B2			150	-	10% RT MIN 1WELD/ WELDER
										2400					
03	0-00-027-U4399	SH.SW.HDR HDR+PIPE +ELBOWPIPE	SA106GrC + SA234WPC	Ø 273	32	28 √	2	RT 1/2 MO	164	E7018-A1			100	635 ± 15	100% RT
										40	66	144			
04	0-00-027-U4399	SH.BP.PANELS TUBE + TUBE	SA210GrC + SA210GrC	Ø 44.5	5.0	5.0√	1200	RT 1/2 MO	10800	E7018-1			-	-	10% RT MIN 1WELD/ WELDER
										8400					
05	0-00-027-U4399	SH.SW.OUT.HDR HDR+ELBOW PIPE + PIPE	SA106GrC + SA234WPC	Ø 273	32	28 √	4	RT 1/2 MO	328	E7018-A1			100	635 ± 15	100% RT
										80	132	228			
06	0-00-027-U4399	LTSH ASY+HDR HH PIPE+HSE	SA210GrC + SA234WPC	Ø 127	20.5	18.15 √	2	RT 1/2 MO	68	E7018-A1				635 ± 15	10% RT MIN1WELD/ WELDER
										24	36	18			
07	0-00-027-U4399	LTSH ASY+HDR TUBE+TUBE	SA210GrC + SA210GrC	Ø 44.5	4.5	4.5 √	360	RT 1/2 MO	3312	E7018-1			-	-	10% RT MIN1WELD/ WELDER
										2520					
08	0-00-027-U4399	LTSH ASY+HDR TUBE+TUBE	SA210GrC + SA210GrC	Ø 44.5	5	5 √	180	RT 1/2 MO	1620	E7018-1			-	-	10% RT MIN1WELD/ WELDER
										1260					
09	0-00-027-U4399	LTSH ASY+HDR TUBE+TUBE	SA210GrC + SA210GrC	Ø 44.5	4	4 √	90	RT 1/2 MO	3969	E7018-1			-	-	10% RT MIN1WELD/ WELDER
PREPARED		CHECKED ( DESIGN)		CHECKED ( W.T.C)		APPROVED			DATE		DRAWING NO:				
RAJU		ANVK KISHORE		PVD RAMESH		Tarakesh Kanakala			20.03.26		4-12-992-U8400				



# ERECTION WELDING SCHEDULE

## PRESSURE PARTS

PROJECT : HINDALCO INDUSTRIES LTD.

Sale Order No.: 8136

PG : 12

PG NAME : SUPERHEATERS

UNIT: ADITYA

ALUMINIUM 1X150MW

SL. NO.	DRAWING NO. WPS NO.	DESCRIPTION	MATERIAL	SIZE	THICK	WELD Specn.	NO OFF	TIG		ACTUAL SPECN.(NOS)			PREHEAT °C	PWHT °C	MIN RECOMMENDED NDE
								SPECN.	QTY	Ø2.5	Ø3.15	Ø4.0			
10	0-00-027-U4399	LTSH UPR+LWR TUBE+TUBE	SA213T11 + SA213T11	Ø 44.5	5	5 ∇	360	RT 1 1/4Cr 1/2MO	3240	E8018-B2			150	-	10% RT MIN1WELD/ WELDER
										2520					
11	0-00-027-U4399	LTSH UPR+TER TUBE+TUBE	SA213T11 + SA213T11	Ø 44.5	7.1	6.15 ∇	360	RT 1 1/4Cr 1/2MO	2800	E8018-B2			150	-	10% RT MIN1WELD/ WELDER
										3600					
12	0-00-027-U4399	LTSH TER +HDR TUBE+TUBE	SA213T11 + SA213T11	Ø 44.5	7.1	6.15 ∇	360	RT 1 1/4Cr 1/2MO	2800	E8018-B2			150	-	10% RT MIN1WELD/ WELDER
										3600					
13		SH.LINK TEE PIPE +PIPE	SA234WP12CL1 + SA234WP12CL1	Ø 406.4	45	43.2 ∇∇	1	RT 11/4Cr 1/2MO	123	E8018-B2			150	655 ± 15	100% RT
										30	50	164			
14		LINK+DESH-1 PIPE + PIPE	SA 335P12 + SA 335P12	Ø 368	40	34 ∇∇	2	RT 11/4Cr 1/2MO	228	E8018-B2			150	655 ± 15	100% RT
										56	90	202			
15		SH.LINK TEE PIPE + PIPE	SA234WP12CL1 + SA 335P12	Ø 368	36	34 ∇∇	1	RT 11/4Cr 1/2MO	114	E8018-B2			150	655 ± 15	100% RT
										28	45	101			
16		RG PLUG +PIPE	SA182F22CL3 + SA335P12	-	-	7 ∇	4	-	-	E8018-B2			150	-	100% LPI
										9					
17	0-00-027-U4399	SH.PLATEN TUBE + TUBE	SA213T22 + SA213T22	Ø 47.63	6.6	6.6 ∇	160	RT 21/4 Cr 1MO	1296	E9018-B3			150	-	10% RT MIN 1WELD/ WELDER
										1440					
18	0-00-027-U4399	SH.PLATEN TUBE + TUBE	SA213T91 + SA213T91	Ø 47.63	6.6	6.6 ∇	160			E9018-B3			150	-	10% RT MIN 1WELD/ WELDER
										1440					

PREPARED	CHECKED ( DESIGN)	CHECKED ( W.T.C)	APPROVED	DATE	DRAWING NO:
RAJU	ANVK KISHORE	PVD RAMESH	Tarakesh Kanakala	20.03.26	4-12-992-U8401



# ERECTION WELDING SCHEDULE

## PRESSURE PARTS

PROJECT: HINDALCO INDUSTRIE LTD.  
UNIT: ADITYA  
ALUMINIUM 1X150MW

Sale Order No.: 8136

PG NAME: REHEATERS  
PG NO: 17

SL. NO.	DRAWING NO. WPS NO.	DESCRIPTION	MATERIAL	SIZE	THICKNESS	WELD Specn.	NO. OFF	TIG		ARC SPECN.			PREHEAT °C	PWHT °C	MIN RECOMMENDED NDE
								SPECN.	QTY gm	Ø2.4	Ø3.15	Ø4.0			
01	0-00-027-U4399	RH. FRONT + NIPPLE	SA 213 T11 SA 213 T11	Ø54.0	4.0	4.0 $\widehat{V}$	245	RT 1 1/4CR 1/2 MO	13157	-			150	-	10 % RT MIN 1WELD/ WELDER
		RH. REAR + NIPPLE	SA 213 T91 SA 213 T91	Ø54.0	4.0	4.0 $\widehat{V}$	196	ER90S-B9	10526	-			220	750 to 770	100 % RT MIN 1WELD/ WELDER
		RH. REAR + NIPPLE	SA 213 T22 SA 213 T22	Ø54.0	4.0	4.0 $\widehat{V}$	49	RT 2 1/4CR 1MO	2632	-			150	-	10 % RT MIN 1WELD/ WELDER
		RH. FRONT + RH. REAR	SA 213 T22 SA 213 T22	Ø54.0	4.0	4.0 $\widehat{V}$	49	RT 2 1/4CR 1 MO	2632	-			150	-	10 % RT MIN 1WELD/ WELDER
		RH. FRONT + RH. REAR	SA 213 T11 SA 213 T22	Ø54.0	4.0	4.0 $\widehat{V}$	196	RT 1 1/4CR 1/2 MO	10526	-			150	-	10 % RT MIN 1WELD/ WELDER

PREPARED	CHECKED ( DESIGN)	CHECKED ( W.T.C)	APPROVED	DATE	DRAWING NO:
RAJU	ANVK KISHORE	PVD RAMESH	Tarakesh Kanakala	20.03.2026	4-17-992-U0002



# ERECTION WELDING SCHEDULE

PRESSURE PARTS

PROJECT: HINDALCO INDUSTRIES LTD.  
UNIT: ADITYA.  
ALUMINIUM 1X150

Sale Order No.: 8136

PG : 19

PG NAME : ECONOMISERS

SL. NO.	DRAWING NO. WPS NO.	DESCRIPTION	MATERIAL	SIZE	THICK	WELD Specn.	NO OFF	TIG	QTY gm	ACTUAL SPECN.(NOS)			PREHEAT °C	PWHT °C	MIN RECOMMENDED NDE
								SPECN.		Ø2.5	Ø3.15	Ø4.0			
01		ECO.FEED PIPE PIPE + ECO. INLET HEADER	SA106GrC + SA106GrC	Ø 323.9	25	22.05 √	1	RT 1/2 MO	125	E7018-A1			100	635 ± 15	100% RT
		24	39	44											
		ECO.FEED PIPE PIPE + ELBOW	SA106GrC + SA234WPC	Ø 323.9	25	22.05 √	1	RT 1/2 MO	125	E7018-A1			100	635 ± 15	100% RT
		24	39	44											
ECO.FEED PIPE PIPE + VALVE	SA106GrC + SA106GrC	Ø 323.9	25	22.05 √	1	RT 1/2 MO	125	E7018-A1			100	635 ± 15	100% RT		
24	39	44													
R.G PLUG + PIPE	SA105 + SA106GrC	-	-	7△	3	-	-	E7018-1			150	-	100% MPI (OR) LPI		
7															
02	0-00-027-U4399	ECO.HANGER TUBE + TUBE	SA210GrC + SA210GrC	Ø 44.5	5.6	5.6√	360	RT 1/2 MO	3132	E7018-1			-	-	10% RT MIN 1WELD/ WELDER
		2880													
ECO.COILS TUBE + TUBE	SA210GrC + SA210GrC	Ø 38.1	4	4√	1100	RT 1/2 MO	39772						10% RT MIN 1WELD/ WELDER		
03		ECO.LINKS TO DRUM PIPE + PIPE	SA106GrB + SA106GrB	Ø 219.1	22.23	19.4 √	10	RT 1/2 MO	544	E7018-1			-	610 ± 15	100% RT
		136	200	168											
ECO.LINKS TO DRUM PIPE + PIPE	SA234WPC + SA106GrB	Ø 219.1	22.85	16.05 √	5	RT 1/2 MO	136	E7018-1			-	610 ± 15	100% RT		
34	50	42													
04		HH PIPE + END COVER PIPE + PIPE	SA106GrC + SA234WPC	Ø 127	20	18.15 √	4	RT 1/2 MO	140	E7018-A1			-	635 ± 15	10% RT MIN2WELD/ WELDER
		48	68	24											
PREPARED		CHECKED ( DESIGN)		CHECKED ( W.T.C)		APPROVED			DATE		DRAWING NO:				
RAJU		ANVK KISHORE		PVD RAMESH		Tarakesh Kanakala			20.03.2026		4-19-992-U8508				

ESTIMATED NO OF WELDS - SYSTEM WISE - MATL WISE  
PE&SD SCOPE OF ENGINEERING

SYSTEM		IBR	AS [P92]	AS [P91]	AS [P11+P22]	SS [304]	SS [321]	CS	CS [G]	MS	MS [G]	TOTAL
VVHP STEAM	SVVH	IBR	-	-	-	-	-	-	-	-	-	-
VHP STEAM	SVH	IBR	-	-	-	-	-	-	-	-	-	-
HP STEAM	SH	IBR	-	-	-	-	-	-	-	-	-	-
MP STEAM	SM	IBR	-	-	-	-	-	-	-	-	-	-
LP STEAM	SL	IBR	-	-	-	-	-	-	-	-	-	-
MAIN STEAM	MS	IBR	-	73	325	-	-	56	-	-	-	454
AUXILIARY STEAM	AS	IBR	-	7	80	-	-	285	-	-	-	372
EXTRACTION STEAM	EXS	IBR	-	-	96	-	-	228	-	-	-	324
FEED WATER	WB	IBR	-	-	-	-	-	664	-	-	-	664
CONDENSATE	CL	NIBR	-	-	-	108	-	634	-	-	-	742
PURE CONDENSATE	WP	NIBR	-	-	-	-	-	-	-	-	-	-
DM WATER	WDM	NIBR	-	-	-	-	-	-	-	-	-	-
HEATER & HP FLASH TANK DRAINS	HD	NIBR	-	-	-	-	-	508	-	-	-	508
HEATER & HP FLASH TANK VENTS	HV	NIBR	-	-	-	-	-	-	-	-	-	-
PSV & VENT VALVE VENTS	SV	NIBR	-	-	-	-	-	189	-	-	-	189
OTHER PROCESS DRAINS	DR	NIBR	-	-	-	-	-	111	-	-	-	111
OTHER PROCESS VENTS	VT	NIBR	-	-	-	-	-	-	-	-	-	-
COOLING WATER	CW	NIBR	-	-	-	-	-	-	-	-	-	-
AUXILIARY COOLING WATER	ACW	NIBR	-	-	-	-	-	-	-	-	-	-
CLOSED CIRCUIT COOLING WATER	CCW	NIBR	-	-	-	-	-	260	-	-	-	260
ATOMIZING AIR	AA	NIBR	-	-	-	-	-	-	-	-	-	-
BLOWDOWN	BD	NIBR	-	-	-	-	-	-	-	-	-	-
SWAS	SWAS	NIBR	-	-	-	-	-	-	-	-	-	-
DOSING	DOS	NIBR	-	-	-	-	-	-	-	-	-	-
UTILITIES	UTIL	NIBR	-	-	-	-	-	108	-	-	-	108
NATURAL GAS	NG	NIBR	-	-	-	-	-	-	-	-	-	-
FUEL GAS	FG	NIBR	-	-	-	-	-	-	-	-	-	-
REFINERY GAS	RG	NIBR	-	-	-	-	-	-	-	-	-	-
NAPTHA	NAP	NIBR	-	-	-	-	-	-	-	-	-	-
HSD	HSD	NIBR	-	-	-	-	-	-	-	-	-	-
FUEL OIL	FO	NIBR	-	-	-	-	-	-	-	-	-	-
FLARE	FL	NIBR	-	-	-	-	-	-	-	-	-	-
FUEL DRAINS	FD	NIBR	-	-	-	-	-	-	-	-	-	-
TOTAL			-	80	501	108	-	3,043	-	-	-	3,732

ESTIMATED NO OF WELDS SUMMARY  
PE&SD SCOPE OF ENGINEERING

MATERIAL		NO OF WELDS		
		IBR	NIBR	TOTAL
AS [P92]		-	-	-
AS [P91]		80	-	80
AS [P11+P22]		501	-	501
SS [304]		-	108	108
SS [321]		-	-	-
CS		1,233	1,810	3,043
CS [G]		-	-	-
MS		-	-	-
MS [G]		-	-	-
TOTAL		1,814	1,918	3,732



355-006

## SUMMARY LIST OF SITE ELECTRODES

FROM  
DEPUTY GENERAL MANAGER/BOILER MOUNTING  
PE (BOILER)

TO  
MANAGER/ERECTION.  
HINDALCO SITE

REF: PE(B) : BM: HINDALCO  
DT. 13-03-2026

PROJECT: HINDALCO-1X150MW  
(ADITHYA)

CUSTOMER No.: 8136

P.G. NO: 24

P.G. NAME: BOILER TRIM PIPING , SUPPORT & SV ORIENTATION & EXHAUST PIPE  
ARRGT. WITH SILENCER SUPPORT.

SL.No.	TYPE OF ELECTRODE/WIRE	SIZE & QTY IN Nos.				TIG WIRE WT IN KG.	REMARKS.
		D 2.50	D 3.15	D 4.00	D 5.00		
01	ER 70S-A1	-	-	-	-	14.700	
02	ER 80S-B2	-	-	-	-	0.070	
03	ER 90S-B3	-	-	-	-	4.305	
04	ER 347	-	-	-	-	0.385	
05	E 7018-1	10780	4700	137	-	-	
06	E 7018-A1	131	196	246	-	-	
07	E 7018	5595	439	140	-	-	
08	E 8018-B2	14	18	3	-	-	

**NOTES**

1. RESERVE 25% ADDED.
2. QUANTITY GIVEN IS PER BOILER.
3. THIS ERECTION WELDING SCHEDULE IS FOR REFERENCE PURPOSE ONLY.

ENCL: ERECTION WELDING SCHEDULE SHEET 4-24-992-U0552 TO 4-24-992-U0562

- C.C
1. PROJECT COORDINATOR. ( Sri. KISHORE KUMAR BONI, Sr.MANAGER / PMG )
  2. Sr.MANAGER/W.T.CENTRE. ( Sri. PVD RAMESH, Sr.MANAGER / WT )
  3. WELDING SCHEDULE FILE.

DRG NO.

4-24-992-U0552

PREPARED	CHECKED	CHECKED WTC	APPROVED	DATE	SH.NO.
D.SHASHIKANTH	ANVK KISHORE	PVD RAMESH	K.TARAKESH	13-03-2026	01 OF 02



355-006

## SUMMARY LIST OF SITE ELECTRODES

FROM  
DEPUTY GENERAL MANAGER/BOILER MOUNTING  
PE (BOILER)

TO  
MANAGER/ERECTION.  
HINDALCO SITE

REF:PE(B) :BM: HINDALCO  
DT. 13-03-2026

PROJECT: HINDALCO-1X150MW  
(ADITHYA)

CUSTOMER No.: 8136

P.G. NO: 24

P.G. NAME: BOILER TRIM PIPING , SUPPORT & SV ORIENTATION & EXHAUST PIPE  
ARRGT. WITH SILENCER SUPPORT.

SL.No.	TYPE OF ELECTRODE/WIRE	SIZE & QTY IN Nos.				TIG WIRE WT IN KG.	REMARKS.
		D 2.50	D 3.15	D 4.00	D 5.00		
09	E 9018-B3	2335	1673	1186	-	-	
10	E 347	289	-	-	-	-	
11	E 309	137	-	-	-	-	

**NOTES**

1. RESERVE 25% ADDED.
2. QUANTITY GIVEN IS PER BOILER.
3. THIS ERECTION WELDING SCHEDULE IS FOR REFERENCE PURPOSE ONLY.

ENCL: ERECTION WELDING SCHEDULE SHEET : 4-24-992-U0552 TO 4-24-992-U0562

- C.C 1. PROJECT COORDINATOR ( Sri. KISHORE KUMAR BONI, Sr.MANAGER / PMG )  
2. Sr.MANAGER/W.T.CENTRE. ( Sri. PVD RAMESH, Sr. MANAGER / WT )  
3. WELDING SCHEDULE FILE.

DRG NO.

4-24-992-U0553

PREPARED	CHECKED	CHECKED WTC	APPROVED	DATE	SH.NO.
D.SHASHIKANTH	ANVK KISHORE	PVD RAMESH	K.TARAKESH	13-03-2026	02 OF 02





355-005

## ERECTION WELDING SCHEDULE.

PRESSURE PARTS / ~~NON-PRESSURE PARTS.~~

PROJECT

HINDALCO-1X150MW  
(ADITHYA)

CUST. Nos.

8136

PRODUCT GROUP

24

SL NO	DRAWING No.	DESCRIPTION OF PARTS	MATERIAL	SIZE OF THE ITEM	THICKNESS	WELD SPECN.	RECOMMENDED ELECTRODE / WIRE			TOTAL LENGTH/ NO OF WELD	ACTUAL QTY. (Nos.)	PREHEAT °C	PWHT °C	MIN. RECOMMENDED NDE
							SPECN.	PROCESS ARC/TIG	SIZE (mm)					
01	0-00-047-U0158	DRUM SV + STUB	SA105 + SA105	D172.0	47.9	44.7 ∇∇	ER 70S-A1 E 7018-A1	TIG ARC	∅2.4 ∅2.5 ∅3.15 ∅4.00	2 Nos.	0.078 kgs 26 Nos. 38 Nos. 58 Nos.	100	620 -650	100% RT
02	0-00-047-U0158	CRH LINE SV + STUB	SA105 + SA105	D203.2	25.4	22.2 ∇∇	ER 70S-A1 E 7018-A1	TIG ARC	∅2.4 ∅2.5 ∅3.15 ∅4.00	1 No.	0.068 kgs 17 Nos. 25 Nos. 21 Nos.	-	620 -650	100% RT
03	0-00-047-U0158	HRH LINE SV + STUB	SA182 F22CL3 + SA182 F22CL3	D209.6	28.6	25.4 ∇∇	ER 90S-B3 E 9018-B3	TIG ARC	∅2.4 ∅2.5 ∅3.15 ∅4.00	2 Nos.	0.136 kgs 34 Nos. 50 Nos. 42 Nos.	200	680 -750	100% RT
04	0-00-047-U0158	MSL. SV + STUB	SA182 F22CL3 + SA182 F91	D172.0	47.9	44.7 ∇∇	ER 90S-B3 E 9018-B3	TIG ARC	∅2.4 ∅2.5 ∅3.15 ∅4.00	1 No.	0.039 kgs 13 Nos. 19 Nos. 29 Nos.	220	730 -760	100% RT
05	0-00-047-U0158	ERV. ISOL. VALVE + STUB (1358VX)	SA217 WC9 + SA182 F91	D139.7	39.7	34.9 ∇∇	ER 90S-B3 E 9018-B3	TIG ARC	∅2.4 ∅2.5 ∅3.15 ∅4.00	1 No.	0.030 kgs 14 Nos. 20 Nos. 25 Nos.	220	730 -760	100% RT
06	0-00-047-U0158	ERV. ISOL. VALVE + ERV (1538VX)	SA217 WC9 + SA182 F22CL3	D139.7	39.7	34.9 ∇∇	ER 90S-B3 E 9018-B3	TIG ARC	∅2.4 ∅2.5 ∅3.15 ∅4.00	1 No.	0.030 kgs 14 Nos. 20 Nos. 25 Nos.	200	680 -750	100% RT
07	0-00-047-U0159 0-00-047-U0160 1-00-047-U0076	PIPE + PIPE (OR) CONDENSING LOOP ASSY. (OR) BW CON RED	SA106 Gr.B + SA106 Gr.B(OR) SA234 WPB	D21.3	4.78	4.78 ∇	ER 70S-A1	TIG	∅2.4	60 Nos.	0.900 kgs	-	-	10% RT MIN OF 1 WELD/ WELDER
08	0-00-047-U0159 0-00-047-U0160 1-00-047-U0076	PIPE + PIPE (OR) BW CON RED (OR) PIPE WITH STUB (OR) DRUM NIPPLE (OR) ECO INLET PI NIPPLE(OR)HDR NIPPLE	SA106 Gr.B + SA106 Gr.B SA234 WPB	D33.4	6.35	6.35 ∇	ER 70S-A1 E 7018-1	TIG ARC	∅2.4 ∅2.5	135 Nos.	0.756 kgs 945 Nos.	-	-	10% RT MIN OF 1 WELD/ WELDER
PREPARED		CHECKED DESIGN		CHECKED WTC		APPROVED		DATE		DRG NO.				REV
D.SHASHIKANTH		ANVK KISHORE		PVD RAMESH		K.TARAKESH		13-03-2026		4-24-992-U0554				00



355-005

## ERECTION WELDING SCHEDULE.

PRESSURE PARTS / ~~NON PRESSURE PARTS.~~

PROJECT

HINDALCO-1X150MW  
(ADITHYA)

CUST. Nos.

8136

PRODUCT GROUP

24

SL NO	DRAWING No.	DESCRIPTION OF PARTS	MATERIAL	SIZE OF THE ITEM	THICKNESS	WELD SPECN.	RECOMMENDED ELECTRODE / WIRE			TOTAL LENGTH/ NO OF WELD	ACTUAL QTY. (Nos.)	PREHEAT °C	PWHT °C	MIN. RECOMMENDED NDE
							SPECN.	PROCESS ARC/TIG	SIZE (mm)					
09	0-00-047-U0160 1-00-047-U0076	PIPE + PIPE (OR) BW CON RED (OR) STUB IN MANIFOLD (OR) DRUM NIPPLE (OR) HDR. NIPPLE (OR) END COVER (OR) DWLG	SA106 Gr.B + SA106 Gr.B(OR) SA234 WPB(OR) SA105	D48.3	7.14	7.14 ∇	ER 70S-A1 E 7018-1	TIG ARC	∅2.4 ∅2.5	70 Nos.	0.616 kgs 630 Nos.	-	-	10% RT MIN. OF 1 WELD/ WELDER
10	0-00-047-U0159 0-00-047-U0160	PIPE + PIPE (OR) BEND(OR)REDUCER (OR) DRUM NIPPLE	SA106 Gr.B + SA106 Gr.B(OR) SA105	D60.3	8.74	8.74 ∇	ER 70S-A1 E 7018-1	TIG ARC	∅2.4 ∅2.5 ∅3.15	135 Nos.	1.500 kgs 1350 Nos. 405 Nos.	-	-	10% RT MIN. OF 1 WELD/ WELDER
11	0-00-047-U0159 0-00-047-U0160	PIPE + PIPE (OR) BEND (OR) BW EQ TEE (OR) BW CON RED.(OR)HEADER/DRUM NIPPLE	SA106 Gr.B + SA106 Gr.B(OR) SA234 WPB	D73.0	9.53	9.53 ∇	ER 70S-A1 E 7018-1	TIG ARC	∅2.4 ∅2.5 ∅3.15	280 Nos.	3.808 kgs 3360 Nos. 1400 Nos.	-	-	10% RT MIN. OF 1 WELD/ WELDER
12	0-00-047-U0160	PIPE + VALVE (OR) BW.CON.RED.	SA106 Gr.B + SA216 WCB(OR) SA105	D73.0	9.53	9.53 ∇	ER 70S-A1 E 7018-1	TIG ARC	∅2.4 ∅2.5 ∅3.15	45 Nos.	0.612 kgs 540 Nos. 225 Nos.	-	610±15	10% RT MIN. OF 1 WELD/ WELDER
13	0-00-047-U0160	VALVE + PIPE (SPARY COMMAN BLOCK VALVE)	SA216 WCB + SA106 GR.B	D108.0	16	16 ∇	ER 70S-A1 E 7018-A1	TIG ARC	∅2.4 ∅2.5 ∅3.15 ∅4.00	2 Nos.	0.062 kgs 22 Nos. 28 Nos. 4 Nos.	-	620 -650	10% RT MIN. OF 1 WELD/ WELDER
14	0-00-047-U0160	MANIFOLD+RED. (OR)+VALVE (OR) VALVE + NRFV	SA106 Gr.B + SA105 (OR) SA216 WCC	D108.0	16	16 ∇	ER 70S-A1 E 7018-1	TIG ARC	∅2.4 ∅2.5 ∅3.15 ∅4.00	3 Nos.	0.093 kgs 33 Nos. 42 Nos. 6 Nos.	-	610±15	10% RT MIN. OF 1 WELD/ WELDER
15	0-00-047-U0160	PIPE + PIPE WITH STUB	SA106 Gr.B + SA106 Gr.B	D108.0	16.0	16.0 ∇∇	ER 70S-A1 E 7018-1	TIG ARC	∅2.4 ∅2.5 ∅3.15 ∅4.00	2 Nos.	0.062 kgs 22 Nos. 28 Nos. 4 Nos.	-	610±15	10% RT MIN. OF 1 WELD/ WELDER
PREPARED		CHECKED DESIGN		CHECKED WTC		APPROVED		DATE		DRG NO.				REV
D.SHASHIKANTH		ANVK KISHORE		PVD RAMESH		K.TARAKESH		13-03-2026		4-24-992-U0555				00



355-005

## ERECTION WELDING SCHEDULE.

PRESSURE PARTS / ~~NON PRESSURE PARTS.~~

PROJECT

HINDALCO-1X150MW  
(ADITHYA)

CUST. Nos.

8136

PRODUCT GROUP

24

SL NO	DRAWING No.	DESCRIPTION OF PARTS	MATERIAL	SIZE OF THE ITEM	THICKNESS	WELD SPECN.	RECOMMENDED ELECTRODE / WIRE			TOTAL LENGTH/ NO OF WELD	ACTUAL QTY. (Nos.)	PREHEAT °C	PWHT °C	MIN. RECOMMENDED NDE
							SPECN.	PROCESS ARC/TIG	SIZE (mm)					
16	0-00-047-U0159 0-00-047-U0160	PIPE + PIPE (OR) BEND	SA106 Gr.B + SA106 Gr.B	D108.0	16.0	16.0 $\widehat{V}$	ER 70S-A1 E 7018-1	TIG ARC	$\phi$ 2.4 $\phi$ 2.5 $\phi$ 3.15 $\phi$ 4.00	50 Nos.	1.550 kgs 550 Nos. 700 Nos. 100 Nos.	-	610 $\pm$ 15	10% RT MIN OF 1 WELD/ WELDER
17	0-00-047-U0160	PIPE+PIPE (OR) BEND (OR) VALVE	SA106 GR.B+ SA106 GR.B+ SA105	D88.9	11.13	11.13 $\widehat{V}$	ER 70S-A1 E 7018-1	TIG ARC	$\phi$ 2.4 $\phi$ 2.5 $\phi$ 3.15	80 Nos.	1.456 kgs 640 Nos. 720 Nos.	-	-	10% RT MIN OF 1 WELD/ WELDER
													610 $\pm$ 15	
18	0-00-047-U0160	PIPE+VALVE(E1INLET (OR)E1 VALVE OUTLET + E2 VALVE INLET)	SA106 GrC + SA216 WCC	D273.0	32.0	29.25 $\widehat{V}$	ER 70S-A1 E 7018-A1	TIG ARC	$\phi$ 2.4 $\phi$ 2.5 $\phi$ 3.15 $\phi$ 4.00	2 Nos.	0.164 kgs 40 Nos. 66 Nos. 114 Nos.	100	620 -650	100% RT
19	0-00-047-U0159	VALVE + CONN. PIECE	SA216 WC9 + SA182 F12CL2	D108.0	16.0	16.0 $\widehat{V}$	ER 80S-B2 E 8018-B2	TIG ARC	$\phi$ 2.4 $\phi$ 2.5 $\phi$ 3.15 $\phi$ 4.00	1 No.	0.031 kgs 11 Nos. 14 Nos. 2 Nos.	150	680 -720	10% RT MIN OF 1 WELD/ WELDER
20	0-00-047-U0159	PIPE + VALVE (NRFV)	SA335 P22 + SA216 WC9	D108.0	16.0	16.0 $\widehat{V}$	ER 90S-B3 E 9018-B3	TIG ARC	$\phi$ 2.4 $\phi$ 2.5 $\phi$ 3.15 $\phi$ 4.00	1 No.	0.031 kgs 11 Nos. 14 Nos. 2 Nos.	150	680 -750	10% RT MIN OF 1 WELD/ WELDER
21	0-00-047-U0159	BW CON.RED + CONNECTOR	SA234WPB + SA182F12CL2	D73.0	9.53	9.53 $\widehat{V}$	ER 70S-A1 E 7018-1	TIG ARC	$\phi$ 2.4 $\phi$ 2.5 $\phi$ 3.15	1 No.	0.010 kgs 12 Nos. 5 Nos.	125	-	10% RT MIN OF 1 WELD/ WELDER
22	0-00-047-U0159 0-00-047-U0160	PIPE + PIPE (OR) CONDENSING LOOP ASSY. (OR) BW CON RED	SA335 P22 + SA335 P22(OR) SA234WP22CL1	D21.3	4.78	4.78 $\widehat{V}$	ER 90S-B3	TIG	$\phi$ 2.4	15 Nos.	0.225 kgs	150	-	10% RT MIN OF 1 WELD/ WELDER
23	0-00-047-U0159 0-00-047-U0160	PIPE + PIPE (OR) BEND CONDENSING LOOP (OR) CONNECTING PIECE/ CONDENSING LOOP FOR SH ERV (OR)PIPE WITH STUB	SA335 P22 + SA335 P22 (OR) SA182F22CL3	D33.4	6.35	6.35 $\widehat{V}$	ER 90S-B3 E 9018-B3	TIG ARC	$\phi$ 2.4 $\phi$ 2.5	80 Nos.	0.448 kgs 560 Nos.	150	-	10% RT MIN OF 1 WELD/ WELDER
PREPARED		CHECKED DESIGN		CHECKED WTC		APPROVED		DATE		DRG NO.				REV
D.SHASHIKANTH		ANVK KISHORE		PVD RAMESH		K.TARAKESH		13-03-2026		4-24-992-U0556				00



355-005

## ERECTION WELDING SCHEDULE.

PRESSURE PARTS / ~~NON PRESSURE PARTS.~~

PROJECT

HINDALCO-1X150MW  
(ADITHYA)

CUST. Nos.

8136

PRODUCT GROUP

24

SL NO	DRAWING No.	DESCRIPTION OF PARTS	MATERIAL	SIZE OF THE ITEM	THICKNESS	WELD SPECN.	RECOMMENDED ELECTRODE / WIRE			TOTAL LENGTH/ NO OF WELD	ACTUAL QTY. (Nos.)	PREHEAT °C	PWHT °C	MIN. RECOMMENDED NDE
							SPECN.	PROCESS ARC/TIG	SIZE (mm)					
24	0-00-047-U0159	PIPE + PIPE (OR) BEND	SA335 P22 + SA335 P22	D60.3	8.74	8.74 √	ER 90S-B3 E 9018-B3	TIG ARC	∅2.4 ∅2.5 ∅3.15	12 Nos.	0.095 kgs 120 Nos. 36 Nos.	-	680 -750	10% RT MIN OF 1 WELD/ WELDER
25	0-00-047-U0159	PIPE + PIPE (OR) BEND (OR) DESH NIPPLE	SA335 P22 + SA335 P22	D108.0	16.0	16.0 √√	ER 90S-B3 E 9018-B3	TIG ARC	∅2.4 ∅2.5 ∅3.15 ∅4.00	32 Nos.	0.992 kgs 352 Nos. 448 Nos. 64 Nos.	150	680 -750	10% RT MIN OF 1 WELD/ WELDER
26	0-00-047-U0159	PIPE + PIPE (OR) BEND(OR)HDR.NIPPLE (OR)REDUCING STAGES	SA335 P22 + SA335 P22	D159.0	30.0	30.0 √√	ER 90S-B3 E 9018-B3	TIG ARC	∅2.4 ∅2.5 ∅3.15 ∅4.00	30 Nos.	1.260 Kgs 390 Nos. 570 Nos. 690 Nos.	150	680 -750	10% RT MIN OF 1 WELD/ WELDER
27	0-00-047-U0159	VALVE+ PIPE	SA217WC9 + SA335 P22	D159.0	30.0	30.0 √√	ER 90S-B3 E 9018-B3	TIG ARC	∅2.4 ∅2.5 ∅3.15 ∅4.00	4 Nos.	0.168kgs 52 Nos. 76 Nos. 92 Nos.	200	680 -750	10% RT MIN OF 1 WELD/ WELDER
28	0-00-047-U0159 0-00-047-U0160 1-00-047-U0076	PIPE + VALVE (OR) TEE(OR)CONDENSING LOOP ASSY.	SA106 Gr.B+ SA105 (OR) SA106 Gr.B	D21.3	4.78	6 Δ	E 7018-1	ARC	∅2.5	90 Nos.	90 Nos.	-	-	10% MPI (OR) LPI
29	0-00-047-U0159 0-00-047-U0160 1-00-047-U0076	PIPE + VALVE (OR) BW CON RED (OR) SW EQ TEE(OR)HDR NIPPLE	SA106 Gr.B+ SA105 (OR) SA234 WPB	D33.4	6.35	7 Δ	E 7018-1	ARC	∅2.5	150 Nos.	315 Nos.	-	-	10% MPI (OR) LPI
30	0-00-047-U0159 0-00-047-U0160 1-00-047-U0076	PIPE + VALVE (OR) HEADER NIPPLE(OR) SW EQ TEE (OR) BW CON RED(OR)DWLG	SA106 Gr.B+ SA105 (OR) SA234 WPB	D48.3	7.14	8 Δ	E 7018-1	ARC	∅2.5 ∅3.15	90 Nos	137 Nos. 110 Nos.	-	-	10% MPI (OR) LPI
31	0-00-047-U0159 0-00-047-U0160	PIPE + VALVE (OR) SW EQ TEE (OR) HEADER NIPPLE (OR) REDUCER	SA106 Gr.B+ SA105	D60.3	8.74	10Δ	E 7018-1	ARC	∅3.15	35 Nos.	126 Nos.	-	-	10% MPI (OR) LPI
32	1-00-047-U0076	PIPE+PIPE (OR) BEND	SA213 TP347H + SA213 TP347H	D31.8	4.00	4 √	ER 347	TIG	∅2.4	10 Nos.	0.309 Kgs	-	-	10% RT MIN OF 1 WELD/ WELDER
PREPARED		CHECKED DESIGN	CHECKED WTC			APPROVED			DATE	DRG NO.				REV
D.SHASHIKANTH		ANVK KISHORE	PVD RAMESH			K.TARAKESH			13-03-2026	4-24-992-U0557				00



355-005

## ERECTION WELDING SCHEDULE.

PRESSURE PARTS / ~~NON PRESSURE PARTS.~~

PROJECT

HINDALCO-1X150MW  
(ADITHYA)

CUST. Nos.

8136

PRODUCT GROUP

24

SL NO	DRAWING No.	DESCRIPTION OF PARTS	MATERIAL	SIZE OF THE ITEM	THICKNESS	WELD SPECN.	RECOMMENDED ELECTRODE / WIRE			TOTAL LENGTH/ NO OF WELD	ACTUAL QTY. (Nos.)	PREHEAT °C	PWHT °C	MIN. RECOMMENDED NDE
							SPECN.	PROCESS ARC/TIG	SIZE (mm)					
33	1-00-047-U0076	TUBE + VALVE	SA213 TP347H + SA182 Gr.F22 CL3	D31.8	4	5 Δ	E 309	ARC	Ø2.5	6 No.	9 Nos.	150 (ON P5 SIDE)		100% LPI
34	0-00-047-U0159 0-00-047-U0160	PIPE + VALVE (OR) BW CON RED (OR) SW EQ TEE	SA335 P22 + SA182F22CL3 (OR) SA234WP22CL1 (OR) SA182F22CL3	D21.3	4.78	6 Δ	E 9018-B3	ARC	Ø2.5	15 Nos.	15 Nos.	150	-	100% MPI (OR) LPI
35	0-00-047-U0159 0-00-047-U0160	PIPE + VALVE (OR) SW EQ TEE (OR) CONDENSING LOOP(OR) ERV IMPULSE STUB	SA335 P22 + SA182F22CL3 (OR) SA234WP22CL1	D33.4	6.35	7 Δ	E 9018-B3	ARC	Ø2.5	50 Nos.	105 Nos.	150	-	100% MPI (OR) LPI
36	0-00-047-U0159	PIPE + VALVE	SA335 P22 + SA182F22CL3	D60.3	8.74	10Δ	E 9018-B3	ARC	Ø3.15	4 Nos.	15 Nos.	150	-	100% MPI (OR) LPI
37	0-00-047-U0159	CONNECTOR + TUBE (OR)DRUM NIPPLE	SA182 Gr.F12 CL2 + SA213 TP347H	D14	2.9	4 Δ	E309	ARC	Ø2.5	1 No.	1 No.	150* ON F12 SIDE	-	100% LPI
38	0-00-047-U0159 0-00-047-U0160 1-00-047-U0076	TUBE + SOCKET (SAMPLING CONN.) (OR) BEND (OR) VALVE	SA213 TP304H + SA182 F316	D14	2.9	4 Δ	E 347	ARC	Ø2.5	750 Nos.	231 Nos.	-	-	100% LPI
PREPARED		CHECKED DESIGN	CHECKED WTC			APPROVED		DATE		DRG NO.				REV
D.SHASHIKANTH		ANVK KISHORE	PVD RAMESH			K.TARAKESH		13-03-2026		4-24-992-U0558				00



# ERECTION WELDING SCHEDULE.

~~PRESSURE PARTS~~ / NON PRESSURE PARTS.

PROJECT	HINDALCO-1X150MW (ADITHYA)
CUST. Nos.	8136
PRODUCT GROUP	24

SL NO	DRAWING No.	DESCRIPTION OF PARTS	MATERIAL	SIZE OF THE ITEM	THICKNESS	WELD SPECN.	RECOMMENDED ELECTRODE / WIRE			TOTAL LENGTH/ NO OF WELD	ACTUAL QTY. (Nos.)	PREHEAT °C	PWHT °C	MIN. RECOMMENDED NDE
							SPECN.	PROCESS ARC/TIG	SIZE (mm)					
39	0-00-047-U0158	PIPE + FLANGE (OR) ELL	SA106 Gr.B + SA234 WPB	D168.3	7.11	7Δ	E 7018	ARC	ø2.5	6 Nos.	120 Nos.	-	-	-
40	0-00-047-U0158	PIPE + FLANGE (OR) ELL	SA106 Gr.B + SA234 WPB	D219.1	6.35	6Δ	E 7018	ARC	ø2.5	3 Nos.	31 Nos.	-	-	-
41	0-00-047-U0158	PIPE + FLANGE (OR) ELL	SA335 P22 + SA234 WP22 CL1	D168.3	7.11	7Δ	E 9018-B3	ARC	ø2.5	3 Nos.	60 Nos.	150	-	10% MPI (OR) LPI
42	0-00-047-U0158	PIPE + FLANGE (OR) ELL	SA335 P22 + SA234 WP22 CL1	D219.1	8.18	8Δ	E 9018-B3	ARC	ø3.15	6 Nos.	60 Nos.	150	-	10% MPI (OR) LPI
43	0-00-047-U0158	PIPE + FLANGE	SA335 P22 + SA387 Gr.22 CL2	D114.3	6.02	6Δ	E 9018-B3	ARC	ø2.5	1 No.	15 Nos.	150	-	10% MPI (OR) LPI
44	0-00-047-U0158	PIPE + PIPE	API 5L Gr.B + API 5L Gr.B	D355.6	6.40	6.40 √	E 7018	ARC	ø2.5	26 Nos.	581 Nos.	-	-	-
45	0-00-047-U0158	PIPE + PIPE	API 5L Gr.B + API 5L Gr.B	D273.1	6.40	6.40 √	E 7018	ARC	ø2.5	5 Nos.	144 Nos.	-	-	-
46	0-00-047-U0158	PIPE +PIPE (OR) SOCKET	SA106 Gr.B + SA106 Gr.B (OR) SA105	D48.3	3.68	3.68 √	E 7018	ARC	ø2.5	10 Nos.	11 Nos.	-	-	-
47	0-00-047-U0158	PIPE + ELL	SA106 Gr.B + SA105	D48.3	3.68	4Δ	E 7018	ARC	ø2.5	16 Nos.	17 Nos.	-	-	-
48	0-00-047-U0158	PIPE + PIPE SOCKET (OR) ELL	SA106 Gr.B+ SA106 Gr.B (OR) SA105 (OR) SA234 WPB	D73.0	7.01	7.01 √	E 7018	ARC	ø2.5	10 Nos.	42 Nos.	-	-	-
PREPARED		CHECKED DESIGN	CHECKED WTC			APPROVED		DATE		DRG No.				REV
D.SHASHIKANTH		ANVK KISHORE	PVD RAMESH			K.TARAKESH		13-03-2026		4-24-992-U0559				00



# ERECTION WELDING SCHEDULE.

~~PRESSURE PARTS~~ / NON PRESSURE PARTS.

PROJECT	HINDALCO-1X150MW (ADITHYA)
CUST. Nos.	8136
PRODUCT GROUP	24

SL NO	DRAWING No.	DESCRIPTION OF PARTS	MATERIAL	SIZE OF THE ITEM	THICKNESS	WELD SPECN.	RECOMMENDED ELECTRODE / WIRE			TOTAL LENGTH/ NO OF WELD	ACTUAL QTY. (Nos.)	PREHEAT °C	PWHT °C	MIN. RECOMMENDED NDE	
							SPECN.	PROCESS ARC/TIG	SIZE (mm)						
49	0-00-047-U0158	PIPE + PIPE	SA335 P22 + SA335 P22	D21.3	4.78	4.78 √	E 9018-B3	ARC	ø2.5	2 Nos.	1 No.	150	-	10% MPI(OR) LPI	
50	0-00-047-U0158	PIPE + SOCKET (OR) ELL	SA335 P22 + SA182F22CL3	D21.3	4.78	6 Δ	E 9018-B3	ARC	ø2.5	10 Nos.	7 Nos.	150	-	10% MPI(OR) LPI	
51	0-00-047-U0158	PIPE + ELL (OR) SOCKET	SA335 P22 + SA182F22CL3	D48.3	3.68	4Δ	E 9018-B3	ARC	ø2.5	10 Nos.	11 Nos.	150	-	10% MPI (OR) LPI	
52	0-00-047-U0158	TUBE + ELL (OR) SOCKET	SA335 P22 + SA234WP22CL1 (OR) SA182F22CL3	D76.1	6.3	6.3 √	E 9018-B3	ARC	ø2.5	20 Nos.	95 Nos.	150	-	10% MPI (OR) LPI	
53	0-00-047-U0158	TUBE + SOCKET (OR) TUBE	IS 1239 + SA105	<u>D27.3</u> D34.2	<u>2.65</u> 3.25	2Δ	E 7018	ARC	ø2.5	16 Nos.	5 Nos.	-	-	-	
54	0-00-047-U0158	TUBE + TUBE (OR) PIPE + PIPE	IS 1239 + IS 1239	<u>D34.2</u> D113.9	<u>3.25</u> 3.65	3Δ	E 7018	ARC	ø2.5	15 Nos.	5 Nos.	-	-	-	
55	0-00-047-U0158	TUBE + SOCKET	IS 1239 + SA105	D27.3	2.65	2Δ	E 7018	ARC	ø2.5	8 Nos.	2 Nos.	-	-	-	
56	0-00-047-U0158	TUBE + TUBE	IS 1239 + IS 1239	D34.2	3.25	3.25 √	E 7018	ARC	ø2.5	30 Nos.	34 Nos.	-	-	-	
57	0-00-047-U0158	EXHAUST PIPE+COVER PLATE (OR) SLEEVE (OR) SLEEVE PLATE	API 5L Gr.B + IS2062 Fe410A	-	-	5Δ	E 7018	ARC	ø2.5	50 m	575 Nos.	-	-	-	
58	0-00-047-U0158	ELL PIPE + DRIPPAN	SA106 Gr.B + IS2062 Fe410A	-	-	5Δ	E 7018	ARC	ø2.5	8 m	88 Nos.	-	-	-	
PREPARED		CHECKED DESIGN	CHECKED WTC			APPROVED		DATE		4-24-992-U0560					REV
D.SHASHIKANTH		ANVK KISHORE	PVD RAMESH			K.TARAKESH		13-03-2026							00



355-005

## ERECTION WELDING SCHEDULE.

~~PRESSURE PARTS~~ / NON PRESSURE PARTS.

PROJECT

HINDALCO-1X150MW  
(ADITHYA)

CUST. Nos.

8136

PRODUCT GROUP

24

SL NO	DRAWING No.	DESCRIPTION OF PARTS	MATERIAL	SIZE OF THE ITEM	THICKNESS	WELD SPECN.	RECOMMENDED ELECTRODE / WIRE			TOTAL LENGTH/ NO OF WELD	ACTUAL QTY. (Nos.)	PREHEAT °C	PWHT °C	MIN. RECOMMENDED NDE
							SPECN.	PROCESS ARC/TIG	SIZE (mm)					
59	0-00-047-U0158	ISM C + PLATE	IS2062 Fe410A + IS2062 Fe410A	-	-	5Δ	E 7018	ARC	Ø2.5	100 m	1317 Nos.	-	-	-
60	0-00-047-U0158	PLATE + PIPE	IS2062 Fe410A + API 5L Gr.B	-	-	8Δ	E 7018	ARC	Ø2.5 Ø3.15	15 m	150 Nos. 120 Nos.	-	-	-
61	0-00-047-U0158	ISM C + PLATE (OR) ISMB	IS2062 Fe410A + IS2062 Fe410A	-	-	6Δ	E 7018	ARC	Ø2.5	75 m	52 Nos.	-	-	-
62	0-00-047-U0159 0-00-047-U0160 1-00-047-U0076	PIPE + PIPE	IS 1239 + IS 1239	D113.9	3.65	3.65 √	E 7018	ARC	Ø2.5	60 m	150 Nos.	-	-	-
63	0-00-047-U0159 0-00-047-U0160	PIPE + PLATE	SA106 Gr.B + IS2062 Fe410A	-	-	4 ⌢	E 7018	ARC	Ø2.5	10 m	193 Nos.	-	-	-
64	0-00-047-U0159 0-00-047-U0160	EYE HANGER + SUPPORTING STRUCTURE	IS2062 Fe410A + IS2062 Fe410A	-	-	13Δ	E 7018	ARC	Ø3.15 Ø4.00	6.8 m	45 Nos. 62 Nos.	-	-	-
65	0-00-047-U0159 0-00-047-U0160 1-00-047-U0076	EYE HANGER + SUPPORTING STRUCTURE	IS2062 Fe410A + IS2062 Fe410A	-	-	7 Δ	E 7018	ARC	Ø2.5	3.2 m	64 Nos.	-	-	-
66	0-00-047-U0159 0-00-047-U0160 1-00-047-U0076	EYE HANGER + ROUND	IS2062 Fe410A + IS2062 Fe410A	-	-	10 ⌢	E 7018	ARC	Ø2.5	3.2 m	115 Nos.	-	-	-
67	0-00-047-U0159 0-00-047-U0160	PIPE CLAMP + SUSPENSION PLATE (OR) ROUND	IS2062 Fe410A + IS2062 Fe410A	-	-	10-1/2 ⌢	E 7018	ARC	Ø2.5 Ø3.15	5.8 m	58 Nos. 82 Nos.	-	-	-
68	0-00-047-U0159 0-00-047-U0160 1-00-047-U0076 1-00-047-U0077	ISM C + ISM C (OR) ISA (OR) PLATE (OR) FLAT (OR) SUPPORT PLATE (OR) SUPPORTING STRUCTURE	IS2062 Fe410A + IS2062 Fe410A	-	-	5Δ	E 7018	ARC	Ø2.5	50 m	550 Nos.	-	-	-
PREPARED		CHECKED DESIGN	CHECKED WTC			APPROVED		DATE		DRG NO.				REV
D.SHASHIKANTH		ANVK KISHORE	PVD RAMESH			K.TARAKESH		13-03-2026		4-24-992-U0561				00





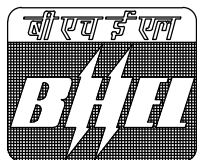
# ERECTION WELDING SCHEDULE.

~~PRESSURE PARTS~~ / NON PRESSURE PARTS.

PROJECT	HINDALCO-1X150MW (ADITHYA)
CUST. Nos.	8136
PRODUCT GROUP	24

SL NO	DRAWING No.	DESCRIPTION OF PARTS	MATERIAL	SIZE OF THE ITEM	THICKNESS	WELD SPECN.	RECOMMENDED ELECTRODE / WIRE			TOTAL LENGTH/ NO OF WELD	ACTUAL QTY. (Nos.)	PREHEAT °C	PWHT °C	MIN. RECOMMENDED NDE
							SPECN.	PROCESS ARC/TIG	SIZE (mm)					
69	0-00-047-U0159 0-00-047-U0160	EYE HANGER + SUPPORTING STRUCTURE	IS2062 Fe410A + IS2062 Fe410A	-	-	8Δ	E 7018	ARC	ø2.5	1.5 m	12 Nos.	-	-	-
70	0-00-047-U0159 0-00-047-U0160	EYE HANGER + ROUND (OR) SUPPORTING STRUCTURE	IS2062 Fe410A + IS2062 Fe410A	-	-	12 ⌀	E 7018	ARC	ø2.5 ø3.15	1.2 m	24 Nos. 22 Nos.	-	-	-
71	0-00-047-U0159 0-00-047-U0160	PIPE CLAMP + SUSPENSION PLATE (OR) ROUND	IS2062 Fe410A + IS2062 Fe410A	-	-	12-1/2 K	E 7018	ARC	ø2.5 ø3.15	1.1 m	22 Nos. 22 Nos.	-	-	-
72	0-00-047-U0159	EYE HANGER + ROUND	IS2062 Fe410A + SA105	-	-	25 ⌀	E 7018	ARC	ø3.15 ø4.0	1.0 m	15 Nos. 25 Nos.	-	-	-
73	0-00-047-U0159	EYE HANGER + SUPPORTING STRUCTURE	IS2062 Fe410A + IS2062 Fe410A	-	-	10Δ	E 7018	ARC	ø3.15	1.5 m	30 Nos.	-	-	-
74	0-00-047-U0159	EYE HANGER + ROUND	IS2062 Fe410A + IS2062 Fe410A	-	-	16 ⌀	E 7018	ARC	ø3.15 ø4.0	1.0 m	15 Nos. 25 Nos.	-	-	-
75	0-00-047-U0159 0-00-047-U0160 1-00-047-U0076	ERW PIPE + ERW TUBE	IS 1239 + IS 1239	-	-	4Δ	E 7018	ARC	ø2.5	2.0 m	14 Nos.	-	-	-
76	ALL ERECTION DRGS.	NAME PLATE HOLDER + PIPE	SA106 Gr.B + SA240 TYPE 304	≤ D108	19	3Δ	E309	ARC	ø2.5	20 m	80 Nos.	-	-	100% LPI
77	ALL ERECTION DRGS.	NAME PLATE HOLDER + PIPE	SA335 P22 + SA240 TYPE 304	≤ D108	≤12.5	3Δ	E309	ARC	ø2.5	5 m	20 Nos.	150	-	100% LPI
78	0-00-047-U0159	PIPE + PLATE	SA335 P22 + IS2062 Fe410A	159	30 10	5Δ	E 9018-B3	ARC	ø3.15	1 m	11 Nos.	150		100% MPI / LPI

PREPARED	CHECKED DESIGN	CHECKED WTC	APPROVED	DATE	DRG NO.	REV
D.SHASHIKANTH	ANVK KISHORE	PVD RAMESH	K.TARAKESH	13-03-2026	4-24-992-U0562	00



355-066

## SUMMARY LIST OF SITE ELECTRODES

FROM  
DEPUTY GENERAL MANAGER/BOILER MOUNTING  
PE (BOILER)

TO  
MANAGER/ERECTION.  
HINDALCO SITE

REF: PE(B) : BM: HINDALCO  
DT. 13-03-2026

PROJECT: HINDALCO-1X150MW  
(ADITHYA)

CUSTOMER No.: 8136

P.G. NO: 21

P.G. NAME: SOOT BLOWER PIPING AND SUPPORTS & TEMPERATURE PROBE SUPPORT.

SL.NO.	TYPE OF ELECTRODE/WIRE	SIZE & QTY IN NOS.				TIG WIRE WT IN kgs	REMARKS.
		D 2.50	D 3.15	D 4.00	D 5.00		
01	ER 90S-B3	-	-	-	-	0.140	
02	ER 70S-A1	-	-	-	-	43.050	
03	E 9018-B3	139	108	-	-	-	
04	E 7018-1	986	4	-	-	-	
05	E 7018	2309	794	-	-	-	
06	E 8018-B2	5	-	-	-	-	

## NOTES :

1. RESERVE 25% ADDED.
  2. QUANTITY GIVEN IS PER BOILER.
  3. THIS ERECTION WELDING SCHEDULE IS FOR REFERENCE PURPOSE ONLY.
- ENCL: ERECTION WELDING SCHEDULE SHEET: 4-21-992-U0121 TO 4-21-992-U0127

- C.C
1. PROJECT COORDINATOR (Sri. KISHORE KUMAR BONI, SR.MANAGER / PMG)
  2. SR.MANAGER/W.T.CENTRE (Sri. PVD.RAMESH, SR.MANAGER / WT)
  3. WELDING SCHEDULE FILE.

DRG NO.

4-21-992-U0121

REV

00

PREPARED	CHECKED	CHECKED WTC	APPROVED	DATE	SH.NO.
D.SHASHIKANTH	ANVK KISHORE	PVD RAMESH	K.TARAKESH	13-03-2026	01 OF 01



# ERECTION WELDING SCHEDULE.

## PRESSURE PARTS / NON-PRESSURE PARTS.

PROJECT	HINDALCO-1X150MW (ADITHYA)
CUST. Nos.	8136
PRODUCT GROUP	21

SL NO.	DRAWING NO.	DESCRIPTION OF PARTS	MATERIAL	SIZE OF THE ITEM	THICKNESS	WELD SPECN.	RECOMMENDED ELECTRODE / WIRE			TOTAL LENGTH/ NO.OF WELD	ACTUAL QTY. (kgs/Nos)	PREHEAT °C	PWHT °C	MIN. RECOMMENDED NDE
							SPECN.	PROCESS ARC/TIG	SIZE (mm)					
01	0-21-600-U0019	BW CON RED + CONDENSING LOOP ASSY.	SA234 WP22 CL1. + SA335 P22	D21.3	4.78	4.78 √	ER 90S-B3	TIG	∅2.4	2 Nos.	0.030 Kg	200	-	10% RT SUBJECT TO A MIN.OF 1WELD/WELDER
02	0-21-600-U0019	PIPE + BW CON RED (OR) PIPE	SA335 P22+ SA234 WP22 CL1. (OR) SA335 P22	D33.4	6.35	6.35 √	ER 90S-B3 E9018-B3	TIG ARC	∅2.4 ∅2.5	6 Nos.	0.024 Kg 42 Nos.	200	-	10% RT SUBJECT TO A MIN.OF 1WELD/WELDER
03	0-21-600-U0019 0-21-600-U0020	BW CON RED + CONDENSING LOOP ASSY. (OR) PIPE	SA234 WPB+ SA106 Gr.B	D21.3	2.77	2.77 √	ER 70S-A1	TIG	∅2.4	10 Nos.	0.084 Kg	-	-	10% RT SUBJECT TO A MIN.OF 1WELD/WELDER
04	0-21-600-U0019 0-21-600-U0020	PIPE + PIPE (OR) BW CON RED (OR) ORIFICE PLATE ASSEMBLY	SA106 Gr.B+ SA234 WPB (OR) SA106 Gr.B	D33.9	3.38	3.38 √	ER 70S-A1	TIG	∅2.4	25 Nos.	0.713 Kgs	-	-	10% RT SUBJECT TO A MIN.OF 1WELD/WELDER
05	0-21-600-U0019 0-21-600-U0020	PIPE + PIPE (OR) BEND(MADE AT SITE) (OR)BW CON RED (OR) TEE PIECE(FOR SV)	SA106 Gr.B+ SA106 Gr.B (OR) SA234 WPB	D60.3	3.91	3.91 √	ER 70S-A1	TIG	∅2.4	550 Nos.	33.440 Kgs	-	-	10% RT SUBJECT TO A MIN.OF 1WELD/WELDER
06	0-21-600-U0019	PIPE + PIPE (OR) FLOW SWITCH (OR) BW CON RED	SA106 Gr.B+ SA106 Gr.B (OR)SA105(OR) SA234 WPB	D88.9	5.49	5.49 √	ER 70S-A1 E 7018-1	TIG ARC	∅2.4 ∅2.5	4 Nos.	0.080 Kgs 56 Nos.	-	-	10% RT SUBJECT TO A MIN.OF 1WELD/WELDER
07	0-21-600-U0019	TEE + SV FLANGE	SA105 + SA105	D60.3	8.3	8.3 √	ER 70S-A1 E 7018-1	TIG ARC	∅2.4 ∅2.5 ∅3.15	1 No.	0.008 Kgs 10 Nos. 3 Nos.	-	-	10% RT SUBJECT TO A MIN.OF 1WELD/WELDER
08	0-21-600-U0019	PIPE + PRV	SA335 P22+ SA182 F22	D60.3	8.74	10 Δ	E 9018-B3	ARC	∅3.15	2 No.	8 Nos.	200	-	100% MPI (OR)LPI
PREPARED		CHECKED DESIGN	CHECKED WTC			APPROVED			DATE	DRG NO.				REV
D.SHASHIKANTH		ANVK KISHORE	PVD RAMESH			K.TARAKESH			13-03-2026	4-21-992-U0122				00



355-005

## ERECTION WELDING SCHEDULE.

PRESSURE PARTS / ~~NON PRESSURE PARTS.~~

PROJECT

HINDALCO-1X150MW  
( ADITHYA )

CUST. Nos.

8136

PRODUCT GROUP

21

SL NO.	DRAWING NO.	DESCRIPTION OF PARTS	MATERIAL	SIZE OF THE ITEM	THICKNESS	WELD SPECN.	RECOMMENDED ELECTRODE / WIRE			TOTAL LENGTH/ NO.OF WELD	ACTUAL QTY. (kgs/Nos)	PREHEAT °C	PWHT °C	MIN. RECOMMENDED NDE
							SPECN.	PROCESS ARC/TIG	SIZE (mm)					
09	0-21-600-U0019	CONNECTOR + PRV	SA182 F12CL2 SA182 F22	D60.3	4.0	4 Δ	E 8018-B2	ARC	Ø2.5	2 No.	4 Nos.	150	-	10% MPI (OR) LPI
10	0-21-600-U0019	CONNECTOR + PIPE	SA182 F12 CL2 +SA106 Gr.B	D60.3	3.91	3.91 ∇	ER 70S-A1	TIG	Ø2.4	2 No.	0.122Kgs	125	-	10 % RT SUBJECT TO A MIN. OF 1 WELD / WELDER
11	0-21-600-U0019	PIPE + VALVE (OR) TEE (OR) + TEE + REDUCER	SA335 P22+ SA182 F22CL3 (OR) SA182 F22CL3 +SA234WP22 CL1	D60.3	8.74	10 Δ	E 9018-B3	ARC	Ø3.15	18 Nos.	66 Nos.	200	-	100% MPI (OR) LPI
12	0-21-600-U0019	VALVE + PIPE (OR) PIPE + TEE (OR) TEE + BW CON RED	SA182 F22CL3 + SA335 P22 (OR) SA234 WP22 CL1	D33.4	6.35	7 Δ	E 9018-B3	ARC	Ø2.5	13 Nos.	29 Nos.	200	-	100% MPI (OR) LPI
13	0-21-600-U0019 0-21-600-U0020	TEE + PIPE (OR) VALVE (OR) BW CON RED	SA234 WPB+ SA106 Gr.B SA105 (OR) SA234 WPB	D33.4	3.38	4 Δ	E 7018-1	ARC	Ø2.5	52 Nos.	40 Nos.	-	-	10% MPI (OR) LPI
14	0-21-600-U0019 0-21-600-U0020	SW ELL. + PIPE(OR) VALVE (OR) THERMO COUPLE ASSY.(OR) THEMOWELL ASSY. (OR)LRSB INLET(OR) WB INLET(OR)BLANK FLANGE(OR)SW EQ. TEE(OR)SW UE TEE	SA234 WPB+ SA106 Gr.B (OR) SA105 (OR)BM-C16	D60.3	3.91	4 Δ	E 7018-1	ARC	Ø2.5	510 Nos.	680 Nos.	-	-	10% MPI (OR) LPI
PREPARED		CHECKED DESIGN	CHECKED WTC			APPROVED			DATE	DRG NO.				REV
D.SHASHIKANTH		ANVK KISHORE	PVD RAMESH			K.TARAKESH			13-03-2026	4-21-992-U0123				00



355-005

## ERECTION WELDING SCHEDULE.

PRESSURE PARTS / ~~NON PRESSURE PARTS.~~

PROJECT

HINDALCO-1X150MW  
(ADITHYA)

CUST. Nos.

8136

PRODUCT GROUP

21

SL NO.	DRAWING NO.	DESCRIPTION OF PARTS	MATERIAL	SIZE OF THE ITEM	THICKNESS	WELD SPECN.	RECOMMENDED ELECTRODE / WIRE			TOTAL LENGTH/ NO.OF WELD	ACTUAL QTY. (kgs/Nos)	PREHEAT °C	PWHT °C	MIN. RECOMMENDED NDE
							SPECN.	PROCESS ARC/TIG	SIZE (mm)					
15	0-21-600-U0019	PIPE + PIPE (OR) BEND	SA335 P22+ SA335 P22	D60.3	8.74	8.74 √	ER 90S-B3 E 9018-B3	TIG ARC	∅2.4 ∅2.5 ∅3.15	4 Nos.	0.044Kgs 40 Nos. 12 Nos.	-	680- 750	10% RT SUBJECT TO A MIN.OF 1WELD/ WELDER
16	0-21-600-U0020	AHB INLET + BW CON RED (OR) BLANK FLANGE	SA234 WPB+ SA234 WPB (OR) IS2062Fe410A	D48.3	3.68	4 Δ	E 7018-1	ARC	∅2.5	2 Nos.	3 Nos.	-	-	10% MPI (OR) LPI
PREPARED		CHECKED DESIGN	CHECKED WTC			APPROVED			DATE	DRG NO.				REV
D.SHASHIKANTH		ANVK KISHORE	PVD RAMESH			K.TARAKESH			13-03-2026	4-21-992-U0124				00



355-005

## ERECTION WELDING SCHEDULE.

~~PRESSURE PARTS~~ / NON PRESSURE PARTS.

PROJECT

HINDALCO-1X150MW  
(ADITHYA)

CUST. Nos.

8136

PRODUCT GROUP

21

SL NO	DRAWING NO	DESCRIPTION OF PARTS	MATERIAL	SIZE OF THE ITEM	THICKNESS	WELD SPECN.	RECOMMENDED ELECTRODE / WIRE			TOTAL LENGTH/ NO. OF WELD	ACTUAL QTY. (kgs/Nos)	PREHEAT °C	PWHT °C	MIN. RECOMMENDED NDE
							SPECN.	PROCESS ARC/TIG	SIZE (mm)					
17	0-21-600-U0019	PIPE + PIPE	IS1239 + SA106 Gr.B	D21.3	2.77	2 Δ	E 7018	ARC	Ø2.5	2 Nos.	2 Nos.	-	-	
18	0-21-600-U0019	PIPE + SOC FOR SV DRAIN	SA106 Gr.B +SA105	D21.3	2.77	2 Δ	E 7018	ARC	Ø2.5	1 No.	1 No.	-	-	
19	0-21-600-U0019	PIPE +PIPE (OR) DRIP PAN (OR) AIRVENT TROUGH DRAIN PIPE	IS1239 + IS1239 (OR) IS2062 Fe410A	D34.2	3.25	3 Δ	E 7018	ARC	Ø2.5	2 Nos.	5 Nos.	-	-	-
20	0-21-600-U0019 0-21-600-U0020	FLAT + ISMC (OR) SUPPORTING STRUCTURE (OR) ISA	IS2062 Fe410A + IS2062 Fe410A	-	-	5 Δ	E 7018	ARC	Ø2.5	30 m	330 Nos.	-	-	-
21	0-21-600-U0019 0-21-600-U0020	ISMC + PIPE SADDLE (OR) SV SUPPORT	IS2062 Fe410A + IS2062 Fe410A	-	-	10 Δ	E 7018	ARC	Ø3.15	25 m	475 Nos.	-	-	-
22	3-21-601-00242 3-21-601-00243 3-21-601-00244	PIPE + PIPE GUIDE	IS1239 + IS2062 Fe410A	-	-	3 ⌘	E 7018	ARC	Ø2.5	31.2 m	125 Nos.	-	-	-
23	3-21-601-00242 3-21-601-00243 3-21-601-00244	PIPE + PIPE (OR) SUPPORT PLATE	IS1239 + IS1239 (OR) IS2062 Fe410A	-	-	3 Δ	E 7018	ARC	Ø2.5	7.02 m	28 Nos.	-	-	-
24	3-21-601-00204	ISMB + PLATE	IS2062 Fe410A + IS2062 Fe410A	-	-	5 Δ	E 7018	ARC	Ø2.5	1.2 m	14 Nos.	-	-	-
25	3-21-601-00572	PIPE + FLAT	API5L Gr.B + IS2062 Fe410A	-	-	4 Δ	E 7018	ARC	Ø2.5	1.6 m	12 Nos.	-	-	-
PREPARED		CHECKED DESIGN	CHECKED WTC			APPROVED			DATE	DRG NO.				REV
D.SHASHIKANTH		ANVK KISHORE	PVD RAMESH			K.TARAKESH			13-03-2026	4-21-992-U0125				00



355-005

## ERECTION WELDING SCHEDULE.

~~PRESSURE PARTS~~ / NON PRESSURE PARTS.

PROJECT

HINDALCO-1X150MW  
(ADITHYA)

CUST. Nos.

8136

PRODUCT GROUP

21

SL No.	DRAWING No.	DESCRIPTION OF PARTS	MATERIAL	SIZE OF THE ITEM	THICKNESS	WELD SPECN.	RECOMMENDED ELECTRODE / WIRE			TOTAL LENGTH/ No.OF WELD	ACTUAL QTY. (kgs/Nos)	PREHEAT °C	PWHT °C	MIN. RECOMMENDED NDE
							SPECN.	PROCESS ARC/TIG	SIZE (mm)					
26	3-21-601-00572	ISM C + ISM C (OR) SUPPORTING STRUCTURE	S2062 Fe410A + S2062 Fe410A	-	-	5 Δ	E 7018	ARC	ø2.5	2.4 m	27 Nos.	-	-	-
27	3-21-601-00590	PIPE + PLATE	API5L Gr.B + S2062 Fe410A	-	-	5 ⋈	E 7018	ARC	ø2.5	0.56 m	7 Nos.	-	-	-
28	3-21-601-00590	ISM C + ISM C (OR) PLATE	S2062 Fe410A + S2062 Fe410A	-	-	6 Δ	E 7018	ARC	ø2.5	2.4 m	36 Nos	-	-	-
29	3-21-601-00590	ISM C + SUPPORTING STRUCTURE	S2062 Fe410A + S2062 Fe410A	-	-	5 Δ	E 7018	ARC	ø2.5	0.4 m	5 Nos.	-	-	-
30	3-21-601-00254 3-21-601-00255	PIPE + PIPE GUIDE	SA106 Gr.B + S2062 Fe410A	-	-	4 ⋈	E 7018	ARC	ø2.5	60 m	420 Nos.	-	-	-
31	3-21-601-00254 3-21-601-00255	ISM C + SUPPORTING STRUCTURE (OR) BUCK STAY	S2062 Fe410A + S2062 Fe410A	-	-	8 Δ	E 7018	ARC	ø2.5 ø3.15	20 m	200 Nos 160 Nos	-	-	-
32	3-21-601-00260	EYE HANGER + ROD	S2062 Fe410A + S2062 Fe410A	-	-	10 ⋈	E 7018	ARC	ø2.5	4.0 m	145 Nos	-	-	-
PREPARED		CHECKED DESIGN	CHECKED WTC			APPROVED			DATE	DRG NO.				REV
D.SHASHIKANTH		ANVK KISHORE	PVD RAMESH			K.TARAKESH			13-03-2026	4-21-992-U0126				00



355-005

## ERECTION WELDING SCHEDULE.

~~PRESSURE PARTS~~ / NON PRESSURE PARTS.

PROJECT

HINDALCO-1X150MW  
(ADITHYA)

CUST. Nos.

8136

PRODUCT GROUP

21

SL No.	DRAWING No.	DESCRIPTION OF PARTS	MATERIAL	SIZE OF THE ITEM	THICKNESS	WELD SPECN.	RECOMMENDED ELECTRODE / WIRE			TOTAL LENGTH/ No. OF WELD	ACTUAL QTY. (kgs/Nos)	PREHEAT °C	PWHT °C	MIN. RECOMMENDED NDE
							SPECN.	PROCESS ARC/TIG	SIZE (mm)					
33	3-21-601-00260	SUSPENSION PLATE + ROD	IS2062 Fe410A + IS2062 Fe410A	-	-	10-1/2 K	E 7018	ARC	Ø2.5	4.0 m	90 Nos	-	-	-
34	3-21-601-00260	SUPPORTING STRUCTURE + EYE HANGER	IS2062 Fe410A + IS2062 Fe410A	-	-	5 Δ	E 7018	ARC	Ø2.5	6.0 m	66 Nos	-	-	-
35	3-21-601-00260	SUSPENSION PLATE + PIPE CLAMP ROD TYPE	IS2062 Fe410A + IS2062 Fe410A	-	-	10 K	E 7018	ARC	Ø2.5	4.0 m	114 Nos	-	-	-
36	2-21-601-00098	PLATE + PLATE	IS2062 Fe410A + IS2062 Fe410A	-	-	2 Π	E 7018	ARC	Ø2.5	0.48 m	1 Nos	-	-	-
37	2-21-601-00098	SEAL PLATE + WALL SLEEVE ASSY.	IS2062 Fe410A + IS2062 Fe410A	-	-	2 Δ TACK WELD	E 7018	ARC	Ø2.5	8Nos	1 Nos	-	-	-
38	2-21-601-00098	ISM + ISM (OR) SUPPORTING STRUCTURE (OR) ISMB	IS2062 Fe410A + IS2062 Fe410A	-	-	6 Δ	E 7018	ARC	Ø2.5	12.04 m	182 Nos	-	-	-
39	2-21-601-00098	ISM + PLATE	IS2062 Fe410A + IS2062 Fe410A	-	-	6 ▷	E 7018	ARC	Ø2.5	1.2 m	36 Nos	-	-	-
PREPARED		CHECKED DESIGN	CHECKED WTC			APPROVED			DATE	DRG No.				REV
D.SHASHIKANTH		ANVK KISHORE	PVD RAMESH			K.TARAKESH			13-03-2026	4-21-992-U0127				00