

PART LIST-MATERIAL BOM

H.Material **BOM ST** **Plant** **Header Desc** **Base Qty(EA)**
 T31631112049-00B 03 P006 TOTAL DEAERATOR ST,TANK ASSLY. 1
 (SEC-II)

Net Wt(KG) **Created by** **Created on** **Changed on** **Drg no** **Drg Rev**
 42,230.000 HEEDEASH 13.04.2015 27.05.2015 31631112049-00 00

Lvl	Pos No	Item Material No	Mat type	SPK	Description					
RM Size										
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no		Drg Rev	
Spec No	SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks					
1	0002	31631112049-00B	HALB	F30	DEAERATOR ST.TANK ASSLY (SEC-II)					
		1.000	EA	40,555.000			31631112049-00		00	
					1.000				13.04.2015	
GROUP 2 & 6, WEIGHT OF TEST COUPON					PLATES= 583 Kgs.					
2	0002	11631111433-00B	HALB	E	SHELL ASSLY (SEC-II)					
		1.000	EA	35,325.000			11631111433-00		00	
					1.000		x		13.04.2015	
GROUP 1 TO 5										
3	0001	11631111433-01AB	HALB	E	SHELL SEGMENT					
		5.000	EA	6,191.730			11631111433-01		00	
			SA516 GR.70		1.000		x		06.05.2014	
4	0001	HY1041870159	ZROH	F70	PLT BQ 25 MM (SA516 GR70)					
RECTANGLE :2,500.000 X 12,655.000										
MM	5.000	31,044.29	KG	6,208.859						
	HY10470	09	SA516GR70	A2					19.05.2015	
REQUIRED PLATE LEGTH 7490+5155					MA BY QC & IBR					
4	0099	41631000617-08B	HALB	E	TEST COUPON FOR 25MM THK PLATE					
		20.000	EA	19.230			41631000617-08		00	
			SA516 GR.70		1.000		x		19.05.2015	
TO BE CUT FROM THE SAME PLATE										
5	0001	HY1041870159	ZROH	F70	PLT BQ 25 MM (SA516 GR70)					
RECTANGLE :280.000 X 350.000										
MM	20.000	384.660	KG	19.233						
	HY10470	09	SA516GR70	A2					19.05.2015	
					MA BY QC & IBR					
3	0002	11631111433-03A	HALB	E	STIFFENER RING (THK. 25X DIA.3996/3496)					
		1.000	EA	578.560			11631111433-03		00	
			SA 516 GR. 70		1.000		x		06.05.2014	

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H.Material BOM ST Plant Header Desc Base Qty(EA)
 T31631112049-00B 03 P006 TOTAL DEAERATOR ST, TANK ASSLY. 1
 (SEC-II)

Net Wt(KG) Created by Created on Changed on Drg no Drg Rev
 42,230.000 HEEDEASH 13.04.2015 27.05.2015 31631112049-00 00

Lvl	Pos No	Item Material No	Mat type	SPK	Description					
RM Size										
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev
Spec No	SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks					
4	0001	HY1041870159	ZROH	F70	PLT BQ 25 MM (SA516 GR70)					
RECTANGLE :1,860.000 X 2,380.000										
MM	1.000	868.760	KG	868.760						
HY10470		09	SA516GR70		A2				06.05.2014	
					MA BY QC & IBR					
3	0003	11631111433-04B	HALB	E	SPIDER ASSLY.					
		2.000	EA	721.920			11631111433-04			00
			SA 516 GR. 70		1.000		x		06.05.2014	
GROUP 1 TO 3										
4	0001	AA1012808041	ZROH	F70	BEAM 150X75 IS2062 GRE250 QLTY-A					
LENGTH =1,860.000										
MM	16.000	446.400	KG	27.900						
AA10108		11							06.05.2014	
4	0002	AA1011819139	ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B					
D=500.000										
MM	2.000	61.654	KG	30.827						
AA10119		15			A1				06.05.2014	
CENTRE PLATE					MA BY QC					
4	0003	11631111433-04D	HALB	E	RING FOR SPIDER (OD 3996 ID 3596 X 25)					
		2.000	EA	469.030			11631111433-04			00
					2.000		x		06.05.2014	
5	0001	HY1041870159	ZROH	F70	PLT BQ 25 MM (SA516 GR70)					
RECTANGLE :2,380.000 X 2,850.000										
MM	1.000	1,331.164	KG	1,331.164						
HY10470		09	SA516GR70		A1				06.05.2014	
					MA BY QC					
3	0004	31631112043-00	HALB	E	FIXED SUPPORT ASSLY					
		1.000	EA	1,790.010			31631112043-00			00
					1.000		x		06.05.2014	
GROUP 1 TO 7										

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 (SEC-II)

Net Wt(KG) **Created by** **Created on** **Changed on** **Drg no** **Drg Rev**
 42,230.000 HEEDEASH 13.04.2015 27.05.2015 31631112049-00 00

Lvl	Pos No	Item Material No	Mat type	SPK	Description					
RM Size										
		Qty in MU	Qty Unit	Net Wt(kg)		Drg no			Drg Rev	
	Spec No	SR ev	Matl.Std	Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks					
4	0001	31631112043-01	HALB	E	PAD					
		1.000	EA	554.080		31631112043-01			00	
					1.000		x		06.05.2014	
5	0001	HY1041870159	ZROH	F70	PLT BQ 25 MM (SA516 GR70)					
RECTANGLE :600.000 X 4,700.000										
MM	1.000	553.425	KG	553.425						
	HY10470	09	SA516GR70	A1					07.05.2014	
					MA BY QC					
4	0002	31631112043-02	HALB	E	VERTICAL RIB					
		1.000	EA	428.500		31631112043-02			00	
					1.000		x		06.05.2014	
5	0001	AA1011819171	ZROH	F70	PLATE 32 IS2062 GRE250(FE410W) QLTY-B					
RECTANGLE :1,195.000 X 3,660.000										
MM	1.000	1,098.673	KG	1,098.673						
	AA10119	15		A1					07.05.2014	
					MA BY QC					
4	0003	31631112043-03	HALB	E	BASE PLATE					
		1.000	EA	514.270		31631112043-03			00	
					1.000		x		06.05.2014	
5	0001	AA1011819180	ZROH	F70	PLATE 36 IS2062 GRE250(FE410W) QLTY-B					
RECTANGLE :500.000 X 3,700.000										
MM	1.000	522.810	KG	522.810						
	AA10119	15		A1					06.05.2014	
					MA BY QC					
4	0008	AA1011819155	ZROH	F70	PLATE 25 IS2062 GRE250(FE410W) QLTY-B					
RECTANGLE :234.000 X 235.000										
MM	4.000	43.168	KG	10.792						
	AA10119	15		A1					06.05.2014	
					MA BY QC					

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 T31631112049-00B 03 P006 TOTAL DEAERATOR ST, TANK ASSLY. 1
 (SEC-II)

Net Wt(KG) **Created by** **Created on** **Changed on** **Drq no** **Drq Rev**
 42,230.000 HEEDEASH 13.04.2015 27.05.2015 31631112049-00 00

Lvl	Pos No	Item Material No	Mat type	SPK	Description					
RM Size										
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)		Drq no			Drq Rev	
Spec No	SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks					
4	0009	AA1011819155	ZROH	F70	PLATE 25 IS2062 GRE250(FE410W) QLTY-B					
RECTANGLE :234.000 X 440.000										
MM	4.000	80.824	KG	20.206						
AA10119		15			A1				06.05.2014	
					MA BY QC					
4	0010	AA1011819155	ZROH	F70	PLATE 25 IS2062 GRE250(FE410W) QLTY-B					
RECTANGLE :234.000 X 845.000										
MM	4.000	155.220	KG	38.805						
AA10119		15			A1				06.05.2014	
					MA BY QC					
4	0011	AA1011819155	ZROH	F70	PLATE 25 IS2062 GRE250(FE410W) QLTY-B					
RECTANGLE :234.000 X 165.000										
MM	2.000	15.154	KG	7.577						
AA10119		15			A1				06.05.2014	
					MA BY QC					
3	0005	31631112044-01	HALB	E	PAD					
GROUP 1 TO 4										
		2.000	EA	277.060		31631112044-01			00	
					1.000	x				06.05.2014
4	0001	HY1041870159	ZROH	F70	PLT BQ 25 MM (SA516 GR70)					
RECTANGLE :300.000 X 4,700.000										
MM	2.000	553.426	KG	276.713						
HY10470		09	SA516GR70		A1				06.05.2014	
					MA BY QC					
3	0100	D21631000014			WELD DETAILS AND WPS NOS. FOR DEAERATOR					
GROUP 1 TO 12										
		1.000	EA	5,230.000		11631111434-00			01	
					1.000	x				13.04.2015
GROUP 1 TO 12										

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 42,230.000 HEEDEASH 13.04.2015 27.05.2015 31631112049-00 00

Lvl	Pos No	Item Material No	Mat type	SPK	Description					
RM Size										
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)		Drg no			Drg Rev	
Spec No	SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks					
3	0001	11631111434-21	HALB	E	DOWN COMMER & EQUALISER CONN. 38"					
		4.000	EA		600.720	11631111434-21			01	
					1.000		x		06.05.2014	
GROUP 1 TO 3, C21,22, FOR NOZZLE					CONFIG.REF. VAR 01 OF DRG. 11631011178					
4	0001	41631114023-03	HALB	F30	PIPE					
		4.000	EA		122.500	41631114023-03			01	
					1.000		x		06.05.2014	
5	0001	HY1041870108	ZROH	F70	PLT BQ 14 MM (SA516 GR70)					
RECTANGLE :590.000 X 3,000.000										
MM	4.000	778.092	KG		194.523					
	HY10470	09	SA516GR70	A2					28.08.2010	
200MM EXTRA FOR FIXTURE					MA BY QC & IBR					
5	0099	41631000617-03A	HALB	E	TEST COUPON FOR 14MM THK PLATE					
		8.000	EA		10.770	41631000617-03			00	
			SA516 GR.70		1.000		x		15.04.2015	
TO BE CUT FROM THE SAME PLATE										
6	0001	HY1041870108	ZROH	F70	PLT BQ 14 MM (SA516 GR70)					
RECTANGLE :280.000 X 350.000										
MM	8.000	86.160	KG		10.770					
	HY10470	09	SA516GR70	A2					19.05.2015	
4	0002	11631111434-21A	HALB	E	RF. PAD DIA. 981/1860					
		4.000	EA		424.260	11631111434-21			01	
					1.000		x		06.05.2014	
5	0001	HY1041870159	ZROH	F70	PLT BQ 25 MM (SA516 GR70)					
SQUARE = 1,880.000 X 1,880.000										
MM	4.000	2,774.504	KG		693.626					
	HY10470	09	SA516GR70	A2					13.04.2015	
					MA BY QC & IBR					

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 T31631112049-00B 03 P006 TOTAL DEAERATOR ST, TANK ASSLY. 1
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Lvl	Pos No	Item Material No	Mat type	SPK	Description					
RM Size										
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev
Spec No	SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks					
4	0003	HY1041870060	ZROH	F70	PLT BQ 8 MM					
SQUARE = 1,030.000 X 1,030.000										
MM	4.000	266.500	KG	66.625						
HY10470		09			A1				15.04.2015	
TRANSPORTATION COVER, CUT TO DIA. 1020					MA BY QC					
3	0002	41631114127-03	HALB	E	INITIAL HEATING PIPE 14" L=3230					
		2.000	EA	262.160			41631114127-03		00	
					1.000		x		06.05.2014	
4	0001	AA1049455053	ZROH	F70	PIPE(SMLS) 355.6X 9.53 CS SA106 GR B					
LENGTH =3,240.000										
MM	2.000	6.480	M	263.509						
AA10455		09			A3				06.05.2014	
					MA BY QC & LLOYDS					
3	0003	41631114127-04	HALB	E	INITIAL HEATING PIPE 14" L=5990					
		1.000	EA	486.180			41631114127-04		00	
					1.000		x		06.05.2014	
4	0001	AA1049455053	ZROH	F70	PIPE(SMLS) 355.6X 9.53 CS SA106 GR B					
LENGTH =6,000.000										
MM	1.000	6.000	M	487.980						
AA10455		09			A3				06.05.2014	
					MA BY QC & LLOYDS					
3	0004	41631113740-00	HALB	F30	HEATING STEAM SUPPORT ASSY.					
		8.000	EA	22.320			41631113740-00		00	
					1.000		x		06.05.2014	
4	0001	41631113348-09	HALB	F30	PAD					
		16.000	EA	1.400			41631113348-09		00	
					1.000		x		09.06.2009	
MA BY QC & EIL										

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 (SEC-II)

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 42,230.000 HEEDEASH 13.04.2015 27.05.2015 31631112049-00 00

Lvl	Pos No	Item Material No	Mat type	SPK	Description					
RM Size										
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no		Drg Rev	
Spec No	SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks					
5	0001	HY1041870060	ZROH	F70	PLT BQ 8 MM					
SQUARE = 150.000 X 150.000										
MM	16.000	22.608	KG	1.420						
HY10470		09			A3					09.06.2009
					MA BY QC					
4	0002	AA1012508137	ZROH	F70	ANGLE EQL 75X75X8 IS2062 GRE250 QLTY-A					
LENGTH =640.000										
MM	8.000	45.568	KG	5.600						
AA10108		11			A1					09.06.2009
4	0003	41631113740-00A	HALB	F30	ANGLE ISMA 75X75X8					
LENGTH =570.000										
		8.000	EA	5.070			41631113740-00		00	
					1.000	x			09.06.2009	
5	0001	AA1012508137	ZROH	F70	ANGLE EQL 75X75X8 IS2062 GRE250 QLTY-A					
LENGTH =570.000										
MM	8.000	40.584	KG	5.070						
AA10108		11								09.06.2009
4	0004	HY9603148113	ZSUD	F	U-BOLT GALVZD 14"					
LENGTH =475.000										
		8.000	EA	4.600						
HY9603148		06			A1					09.06.2009
4	0005	AA1012508137	ZROH	F70	ANGLE EQL 75X75X8 IS2062 GRE250 QLTY-A					
LENGTH =475.000										
MM	8.000	33.824	KG	4.210						
AA10108		11			A1					09.06.2009
3	0005	11631111434-04	HALB	E	DRAIN CONN. 6"					
LENGTH =475.000										
		1.000	EA	27.170			11631111434-04		01	
					1.000	x			06.05.2014	
GROUP 1 TO 3, S4, FOR NOZZLE CONFIG.REF.					VAR 02 OF DRG. 11631011178					

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 T31631112049-00B 03 P006 TOTAL DEAERATOR ST,TANK ASSLY. 1
 (SEC-II)

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Lvl	Pos No	Item Material No	Mat type	SPK	Description					
RM Size										
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev
Spec No	SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks					
4	0001	AA1049355520	ZROH	F70	PIPE(SMLS) 168.3X10.97 CS SA106 GR B					
LENGTH =320.000										
MM	1.000	0.320	M	13.619						
AA10455		09			A2				06.05.2014	
					MA BY QC & IBR					
4	0002	11631111434-04A	HALB	E	RF. PAD DIA. 184/300					
LENGTH =320.000										
		1.000	EA	9.540			11631111434-04			01
					1.000		x	06.05.2014		
5	0001									
LENGTH =320.000										
		1.000	ST							
					A2				06.05.2014	
RF. PAD DIA. 184/300, MATL. COVERED IN					11631111434-01A ,MA BY QC & IBR					
4	0003	HY1041870108	ZROH	F70	PLT BQ 14 MM (SA516 GR70)					
SQUARE = 230.000 X 230.000										
MM	1.000	5.814	KG	5.814						
HY10470		09	SA516GR70		A2				15.04.2015	
BLANKING PLATE, DRILL 3/4" NPT HOLE, CUT					TO DIA. 220,MA BY QC & IBR					
3	0006	31631111566-00	HALB	F30	ANTI SURGE BAFFLE ASSLY.					
LENGTH =320.000										
		2.000	EA	483.000			31631111566-00			00
					1.000		x	06.05.2014		
GROUP 1 TO 7										
4	0001	41631113215-01	HALB	F30	CHANNEL 150X75					
LENGTH =320.000										
		2.000	EA	63.200			41631113215-01			00
					1.000		x	09.06.2009		
5	0001	AA1012708063	ZROH	F70	CHANNEL 150X75 IS2062 GRE250 QLTY-A					
LENGTH =3,775.000										
MM	2.000	126.840	KG	63.160						
AA10108		11							09.06.2009	

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RM Size										
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no		Drg Rev	
Spec No		SR ev	Matl.Std	Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks					
4	0002	41631113215-02	HALB	F30	CHANNEL 150X75					
		2.000	EA	56.300			41631113215-02		00	
					1.000		x		09.06.2009	
5	0001	AA1012708063	ZROH	F70	CHANNEL 150X75 IS2062 GRE250 QLT-Y-A					
LENGTH =3,365.000										
MM	2.000	113.064	KG	56.290						
	AA10108	11							09.06.2009	
4	0003	41631113216-00	HALB	F30	BAFFLE PLATE					
		2.000	EA	332.700			41631113216-00		00	
					1.000		x		09.06.2009	
5	0001	HY1041870116	ZROH	F70	PLT BQ 16 MM (SA516 GR 70)					
RECTANGLE :3,860.000 X 790.000										
MM	2.000	766.010	KG	332.670						
	HY10470	09	SA516/70	A1					09.06.2009	
					MA BY QC					
4	0004	41631113214-01	HALB	F30	RIB					
		4.000	EA	7.100			41631113214-01		00	
					A3	1.000		x	09.06.2009	
					MA BY QC & LLOYDS					
5	0001	HY1041870116	ZROH	F70	PLT BQ 16 MM (SA516 GR 70)					
RECTANGLE :160.000 X 410.000										
MM	4.000	32.956	KG	7.100						
	HY10470	09	SA516/70	A1					09.06.2009	
					MA BY QC					
4	0005	41631113214-02	HALB	F30	RIB					
		4.000	EA	6.500			41631113214-02		00	
					A3	1.000		x	09.06.2009	
					MA BY QC & LLOYDS					

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 T31631112049-00B 03 P006 TOTAL DEAERATOR ST, TANK ASSLY. 1
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 42,230.000 HEEDEASH 13.04.2015 27.05.2015 31631112049-00 00

Lvl	Pos No	Item Material No	Mat type	SPK	Description					
RM Size										
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no		Drg Rev	
Spec No		SR ev	Matl.Std	Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks					
5	0001	HY1041870116	ZROH	F70	PLT BQ 16 MM (SA516 GR 70)					
RECTANGLE :160.000 X 410.000										
MM	4.000	32.956	KG	6.540						
HY10470		09	SA516/70	A1					09.06.2009	
					MA BY QC					
4	0006	HY7142198150	ZSUD	F70	STUD 2 NUTS M20X90					
		16.000	EA	0.415			NA			
HY7142198-04		04	ASTM A193B7/194 2H							09.06.2009
4	0007	AA7161001099	ZSUD	F70	WASHER MCD 21-ST					
		32.000	EA	0.017			NA			
AA7161001-03		03	IS 2016 ST							09.06.2009
3	0007	11631111434-02	HALB	E	OVERFLOW CONN. 8"					
		1.000	EA	104.030			11631111434-02		01	
				1.000		x				06.05.2014
GROUP 1 TO 3, S2, FOR NOZZLE CONFIG.REF.					VAR 01 OF DRG. 11631011178					
4	0001	AA1049355601	ZROH	F70	PIPE(SMLS) 219.1X12.7 CS SA106 GR B					
LENGTH =1,260.000										
MM	1.000	1.260	M	81.446						
AA10455		09		A2					06.05.2014	
					MA BY QC & IBR					
4	0002	11631111434-02A	HALB	E	RF. PAD DIA. 235/400					
		1.000	EA	17.800			11631111434-02		01	
				1.000		x				06.05.2014
5	0001									
		1.000	ST							
				A2					06.05.2014	
RF. PAD DIA. 235/400, MATL. COVERED IN					11631111434-01A,MA BY QC & IBR					

PART LIST-MATERIAL BOM

H.Material BOM ST Plant Header Desc Base Qty(EA)
 T31631112049-00B 03 P006 TOTAL DEAERATOR ST, TANK ASSLY. 1
 (SEC-II)

Net Wt(KG) Created by Created on Changed on Drg no Drg Rev
 42,230.000 HEEDEASH 13.04.2015 27.05.2015 31631112049-00 00

Lvl	Pos No	Item Material No	Mat type	SPK	Description					
RM Size										
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no		Drg Rev	
Spec No		SR ev	Matl. Std	Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks					
4	0003	HY1041870124	ZROH	F70	PLT BQ 18 MM					
D=270.000										
MM	1.000	8.090	KG	8.090						
HY10470		09		A2					07.05.2014	
BLANKING PLATE					MA BY QC & IBR					
4	0003	HY1041870124	ZROH	F70	PLT BQ 18 MM					
SQUARE = 280.000 X 280.000										
MM	1.000	11.078	KG	11.078						
HY10470		09		A2					15.04.2015	
BLANKING PLATE, CUT TO DIA. 270					MA BY QC & IBR					
3	0008	AA1049355601	ZROH	F70	PIPE(SMLS) 219.1X12.7 CS SA106 GR B					
LENGTH =1,350.000										
MM	1.000	1.350	M	87.264						
AA10455		09		A2					06.05.2014	
					MA BY QC & IBR					
3	0009	HY1041870132	ZROH	F70	PLT BQ 20 (SA516 GR70)					
RECTANGLE :940.000 X 75.000										
MM	1.000	11.069	KG	11.069						
HY10470		09	SA516GR70	A1					06.05.2014	
RIB					MA BY QC					
3	0010	11631111434-01	HALB	E	FEED WATER OUTLET CONN. 22"					
		1.000	EA	444.560			11631111434-01		01	
					1.000		x		06.05.2014	
GROUP 1 TO 6, S1										
4	0001	41631114023-02	HALB	F30	PIPE					
		1.000	EA	79.180			41631114023-02		01	
					1.000		x		06.05.2014	
5	0001	HY1041870108	ZROH	F70	PLT BQ 14 MM (SA516 GR70)					
RECTANGLE :430.000 X 1,720.000										
MM	1.000	81.282	KG	81.282						
HY10470		09	SA516GR70	A2					28.08.2010	
					MA BY QC & IBR					

PART LIST-MATERIAL BOM

H.Material BOM ST Plant Header Desc Base Qty(EA)
 T31631112049-00B 03 P006 TOTAL DEAERATOR ST, TANK ASSLY. 1
 (SEC-II)

Net Wt(KG) Created by Created on Changed on Drg no Drg Rev
 42,230.000 HEEDEASH 13.04.2015 27.05.2015 31631112049-00 00

Lvl	Pos No	Item Material No	Mat type	SPK	Description					
RM Size										
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no		Drg Rev	
Spec No		SR ev	Matl.Std	Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks					
5	0099	41631000617-03	HALB	E	TEST COUPON FOR 14MM THK PLATE					
		2.000	EA	10.770			41631000617-03		00	
					1.000		x		15.04.2015	
TO BE CUT FROM THE SAME PLATE										
6	0001	HY1041870108	ZROH	F70	PLT BQ 14 MM (SA516 GR70)					
RECTANGLE :280.000 X 350.000										
MM	2.000	21.540	KG	10.770						
	HY10470	09	SA516GR70	A2					13.04.2015	
MA BY QC & IBR										
4	0002	11631111434-01A	HALB	E	RF. PAD DIA. 575/1050					
		1.000	EA	131.130			11631111434-01		01	
					1.000		x		06.05.2014	
5	0001	HY1041870159	ZROH	F70	PLT BQ 25 MM (SA516 GR70)					
SQUARE = 1,060.000 X 1,060.000										
MM	1.000	220.507	KG	220.507						
	HY10470	09	SA516GR70	A2					13.04.2015	
MA BY QC & IBR										
4	0003	HY1041870191	ZROH	F70	PLT BQ 40 SA516 GR70					
SQUARE = 630.000 X 630.000										
MM	1.000	124.627	KG	124.627						
	HY10470	09	SA516GR70	A2					15.04.2015	
BLANKING PLATE, DRILL 3/4" NPT HOLE, CUT					TO DIA. 620 ,MA BY QC & IBR					
4	0004	HY1041870132	ZROH	F70	PLT BQ 20 (SA516 GR70)					
RECTANGLE :300.000 X 639.000										
MM	1.000	30.097	KG	30.097						
	HY10470	09	SA516GR70	A1					06.05.2014	
VERTICAL PLATE					MA BY QC					
4	0005	HY1041870132	ZROH	F70	PLT BQ 20 (SA516 GR70)					
RECTANGLE :300.000 X 310.000										
MM	2.000	29.202	KG	14.601						
	HY10470	09	SA516GR70	A1					06.05.2014	
VERTICAL PLATE					MA BY QC					

PART LIST-MATERIAL BOM

H.Material BOM ST Plant Header Desc Base Qty(EA)
 T31631112049-00B 03 P006 TOTAL DEAERATOR ST, TANK ASSLY. 1
 (SEC-II)

Net Wt(KG) Created by Created on Changed on Drg no Drg Rev
 42,230.000 HEDEASH 13.04.2015 27.05.2015 31631112049-00 00

Lvl	Pos No	Item Material No	Mat type	SPK	Description					
RM Size										
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)		Drg no			Drg Rev	
Spec No		SR ev	Matl.Std	Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks					
4	0006	HY1041870159	ZROH	F70	PLT BQ 25 MM (SA516 GR70)					
SQUARE = 730.000 X 730.000										
MM	1.000	104.582	KG	104.582						
HY10470		09	SA516GR70	A1				15.04.2015		
COVER PLATE, CUT TO DIA. 720					MA BY QC					
3	0011	11631111434-24	HALB	E	TEMPERATURE GAUGE CONN. M33X2					
		1.000	EA	0.680		11631111434-24			01	
					1.000		x		06.05.2014	
GROUP 1 TO 2, C4										
4	0001	AA7326101329	ZSUD	F70	STUB STRT IMMER CS SCRW M33X2-F L=45 40					
		1.000	EA	0.400		NA				
AA7326101-01		01		A2				06.05.2014		
					MA BY QC & IBR					
4	0002	HY9601207112	ZSUD	F70	PLUG M33X2					
		1.000	EA	0.280		NA				
HY9601207-01-03		04		A1				06.05.2014		
					MA BY QC					
4	0003	HY7161094429	ZSUD	F70	WASHER SEALING 33X39X2					
		1.000	EA	0.001		NA				
HY7161094-00-00-01		01	CSN029310				06.05.2014			
3	0012	HE9791003033	ZSUD	F	3/4" BAR PLUG CS					
		2.000	EA	0.300						
HE91003		03	SA105				06.05.2014			
ON HYDROTEST BLANKING PLATE FOR S1,S4										
3	0100	D11631011178			NOZZLE DETAIL ASSLY					
		1.000	ST							
		00							15.04.2015	

PART LIST-MATERIAL BOM

H.Material **BOM ST** **Plant** **Header Desc** **Base Qty(EA)**
 T31631112049-00B 03 P006 TOTAL DEAERATOR ST, TANK ASSLY. 1
 (SEC-II)

Net Wt(KG) **Created by** **Created on** **Changed on** **Drq no** **Drq Rev**
 42,230.000 HEEDEASH 13.04.2015 27.05.2015 31631112049-00 00

Lvl	Pos No	Item Material No	Mat type	SPK	Description					
RM Size										
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev
Spec No		SR ev	Matl.Std	Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks					
1	0131	31631112044-00	HALB	F30	HEATER SUPPORT ASSLY					
		2.000	EA	360.560			31631112044-00			00
					1.000				13.04.2015	
2	0001	31631112044-02	HALB	E	VERTICAL RIB					
		2.000	EA	177.210			31631112044-02			00
					1.000		x		06.05.2014	
3	0001	AA1011819171	ZROH	F70	PLATE 32 IS2062 GRE250(FE410W) QLTY-B					
RECTANGLE :1,195.000 X 3,560.000										
MM	2.000	2,137.310	KG	1,068.655						
	AA10119	15		A1					07.05.2014	
					MA BY QC					
2	0002	31631112044-03	HALB	E	BASE PLATE					
		2.000	EA	140.790			31631112044-03			00
					1.000		x		06.05.2014	
3	0001	AA1011819180	ZROH	F70	PLATE 36 IS2062 GRE250(FE410W) QLTY-B					
RECTANGLE :250.000 X 2,000.000										
MM	2.000	282.600	KG	141.300						
	AA10119	15		A1					07.05.2014	
					MA BY QC					
2	0003	AA1011819155	ZROH	F70	PLATE 25 IS2062 GRE250(FE410W) QLTY-B					
RECTANGLE :109.000 X 185.000										
MM	8.000	31.656	KG	3.957						
	AA10119	15		A1					07.05.2014	
RIB					MA BY QC					
2	0004	AA1011819155	ZROH	F70	PLATE 25 IS2062 GRE250(FE410W) QLTY-B					
RECTANGLE :109.000 X 320.000										
MM	8.000	54.760	KG	6.845						
	AA10119	15		A1					07.05.2014	
RIB					MA BY QC					

PART LIST-MATERIAL BOM

H.Material BOM ST Plant Header Desc Base Qty(EA)
 T31631112049-00B 03 P006 TOTAL DEAERATOR ST, TANK ASSLY. 1
 (SEC-II)

Net Wt(KG) Created by Created on Changed on Drg no Drg Rev
 42,230.000 HEEDEASH 13.04.2015 27.05.2015 31631112049-00 00

Lvl	Pos No	Item Material No	Mat type	SPK	Description					
RM Size										
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no		Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from
Engineering Remarks					Technology Remarks					
1	0132	41631114024-00	HALB	F30	SPOOL PIECE					
		4.000	EA	49.260			41631114024-00		01	
					1.000					13.04.2015
FOR C21,C22										
2	0001	HY1041870108	ZROH	F70	PLT BQ 14 MM (SA516 GR70)					
RECTANGLE :150.000 X 3,000.000										
MM	4.000	197.820	KG	49.455						
HY10470		09	SA516GR70		A2					28.08.2010
					MA BY QC & IBR					
2	0099	41631000617-03B	HALB	E	TEST COUPON FOR 14MM THK PLATE					
		8.000	EA	10.770			41631000617-03		00	
			SA516 GR.70		1.000					15.04.2015
TO BE CUT FROM THE SAME PLATE										
3	0001	HY1041870108	ZROH	F70	PLT BQ 14 MM (SA516 GR70)					
RECTANGLE :280.000 X 350.000										
MM	8.000	86.160	KG	10.770						
HY10470		09	SA516GR70		A2					19.05.2015
1	0133	41631114025-00	HALB	F30	BACKING RING					
		8.000	EA	11.410			41631114025-00		00	
					1.000					13.04.2015
FOR C21,C22										
2	0001	HY1041870078	ZROH	F70	PLT BQ 10 MM					
RECTANGLE :50.000 X 2,920.000										
MM	8.000	91.688	KG	11.461						
HY10470		09	SA516 GR 70		A1					28.08.2010
					MA BY QC					
1	0134	HY7142198664	ZSUD	F70	STUD 2 NUTS M27X160					
		8.000	EA	1.122			NA			
HY7142198-04		04	ASTM A193B7/194 2H						13.04.2015	
FOR HEATER SUPPORT										

PART LIST-MATERIAL BOM

H.Material BOM ST Plant Header Desc Base Qty(EA)
 T31631112049-00B 03 P006 TOTAL DEAERATOR ST, TANK ASSLY. 1
 (SEC-II)

Net Wt(KG) Created by Created on Changed on Drg no Drg Rev
 42,230.000 HEEDEASH 13.04.2015 27.05.2015 31631112049-00 00

Lvl	Pos No	Item Material No	Mat type	SPK	Description					
RM Size										
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev
Spec No		SR ev	Matl.Std	Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks					
1	0135	HY7161096170	ZSUD	F70	WASHER MCD GAL 28-ST					
		16.000	EA	0.042			NA			
		HY7161096-00-00-01	01	IS2016 GAL ST						13.04.2015
FOR HEATER SUPPORT										
1	0136	HE9717444218	ZSUD	F	STUD 2 NUTS M56X3X400					
		12.000	EA	10.710			41631000567-21			00
		HY7142299-00	04	SA193B7/ SA194 2H						13.04.2015
1	0137	HY7161096260	ZSUD	F70	WASHER MCD GAL 58-ST					
		24.000	EA	0.424			NA			
		HY7161096-00-00-01	01	IS2016 GAL ST						13.04.2015
1	0139	31631112043-03B	HALB	F30	BOTTOM PLATE (FIXED SUPPORT)					
		1.000	EA	514.270			31631112043-03			00
					1.000				13.04.2015	
2	0001	AA1011819180	ZROH	F70	PLATE 36 IS2062 GRE250(FE410W) QLTY-B					
RECTANGLE :500.000 X 3,700.000										
MM	1.000	522.810	KG	522.810						
		AA10119	15	A1						06.05.2014
					MA BY QC					
1	0140									
		1.000	ST							
				A1				13.04.2015		
THERMOWELL, C4, COVERED VIDE MATL. NO.					HY7326005290, WT. 0.4KGS.,MA BY QC					
1	0141									
		1.000	ST							
				A1				13.04.2015		
TEMP. GAUGE, C4, COVERED VIDE MATL. NO.					HY7320301750, WT. 2 KGS.,MA BY QC					