

PART LIST-MATERIAL BOM

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

Net Wt(KG) **Created by** **Created on** **Changed on** **Drq no** **Drq Rev**
 36,002.000 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	0003	31631112049-00C	HALB	F30	DEAERATOR ST.TANK ASSLY (SEC-III)					
		1.000	EA	34,527.000			31631112049-00			00
					1.000				13.04.2015	
GROUP 3 & 6, WEIGHT OF TEST COUPON					PLATES: 417 Kgs.					
2	0003	11631111433-00C	HALB	E	SHELL ASSLY (SEC-III)					
		1.000	EA	30,390.000			11631111432-00			00
					1.000		x		13.04.2015	
GROUP 1 TO 6										
3	0001	11631111433-01AC	HALB	E	SHELL SEGMENT					
		3.000	EA	6,191.730			11631111433-01			00
					1.000		x		06.05.2014	
		SA516 GR.70								
4	0001	HY1041870159	ZROH	F70	PLT BQ 25 MM (SA516 GR70)					
RECTANGLE :2,500.000 X 12,655.000										
MM	3.000	18,626.57	KG	6,208.859						
	HY10470	09	SA516GR70	A2					19.05.2015	
REQUIRED PLATE LEGTH 7490+5155										
4	0099	41631000617-08C	HALB	E	TEST COUPON FOR 25MM THK PLATE					
		12.000	EA	19.230			41631000617-08			00
					1.000				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	12.000	230.796	KG	19.233						
	HY10470	09	SA516GR70	A2					19.05.2015	
3	0002	11631111433-01BC	HALB	E	SHELL SEGMENT					
		1.000	EA	4,475.960			11631111433-01			00
					1.000		x		06.05.2014	
		SA516 GR.70								

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 T31631112049-00C 03 P006 TOTAL DEAERATOR ST.TANK ASSLY. 1
 (SEC-III)

Net Wt(KG) Created by Created on Changed on Drg no Drg Rev
 36,002.000 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 :1,810.000 X 12,655.000										
MM	1.000	4,495.214	KG	4,495.214						
HY10470		09	SA516GR70		A2				19.05.2015	
REQUIRED PLATE LEGTH 7490+5155										
4	0099	41631000617-08C	HALB	E	TEST COUPON FOR 25MM THK PLATE					
		4.000	EA	19.230		41631000617-08			00	
			SA516 GR.70		1.000				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	4.000	76.932	KG	19.233						
HY10470		09	SA516GR70		A2				19.05.2015	
3	0003	11631111433-02AC	HALB	E	DISHED END ID 4000X 25MM MIN. THK. SF=75					
		1.000	EA	4,203.000		11631111433-02			00	
			SA516 GR.70		1.000	x			06.05.2014	
FOR MANUFACTURE REF. DRG. 41631000609										
4	0001	HY1041870167	ZROH	F70	PLT BQ 28 MM (SA516 GR70)					
RECTANGLE :2,500.000 X 5,000.000										
MM	2.000	5,500.000	KG	2,750.000		NA				
HY10470		09	SA516 GR70		A2				19.05.2015	
4	0099	41631000617-09C	HALB	E	TEST COUPON FOR 28MM THK PLATE					
		2.000	EA	21.540		41631000617-09			00	
			SA516 GR.70		1.000				19.05.2015	
TO BE CUT FROM THE SAME PLATE										
5	0001	HY1041870167	ZROH	F70	PLT BQ 28 MM (SA516 GR70)					
RECTANGLE :280.000 X 350.000										
MM	2.000	43.120	KG	21.560		NA				
HY10470		09	SA516 GR70		A2				19.05.2015	

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 (SEC-III)

Net Wt(KG) **Created by** **Created on** **Changed on** **Drq no** **Drq Rev**
 36,002.000 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	0100									
		1.000	ST						19.05.2015	
FOR PLATE WELDING REFER DRG. 41631000619										
3	0004	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	
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	0005	11631111433-04A	HALB	E	SPIDER ASSLY					
		1.000	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	8.000	223.200	KG		27.900					
	AA10108	11							06.05.2014	
4	0002	AA1011819139	ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B					
D=500.000										
MM	1.000	30.827	KG		30.827					
	AA10119	15		A1					06.05.2014	
CENTRE PLATE					MA BY QC					
4	0003	11631111433-04C	HALB	E	RING FOR SPIDER (OD 3996 ID 3596 X 25)					
		1.000	EA		469.030	11631111433-04			00	
			SA 516 GR. 70		1.000		x		06.05.2014	

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 (SEC-III)

Net Wt(KG) **Created by** **Created on** **Changed on** **Drq no** **Drq Rev**
 36,002.000 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					
5	0001	HY1041870159	ZROH	F70	PLT BQ 25 MM (SA516 GR70)					
RECTANGLE :1,590.000 X 2,380.000										
MM	1.000	742.649	KG	742.649						
HY10470		09	SA516GR70		A1				06.05.2014	
					MA BY QC					
3	0006	31631112042-00	HALB	E	SLIDING SUPPORT ASSLY					
		1.000	EA	1,765.180			31631112042-00		00	
					1.000		x		06.05.2014	
GROUP 1 TO 7										
4	0001	31631112042-01	HALB	E	PAD					
		1.000	EA	554.080			31631112042-01		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		A3				06.05.2014	
					MA BY QC & LLOYDS					
4	0002	31631112042-02	HALB	E	VERTICAL RIB					
		1.000	EA	414.890			31631112042-02		00	
					1.000		x		06.05.2014	
5	0001	AA1011819171	ZROH	F70	PLATE 32 IS2062 GRE250(FE410W) QLTY-B					
RECTANGLE :1,180.000 X 3,660.000										
MM	1.000	1,084.883	KG	1,084.883						
AA10119		15			A1				06.05.2014	
					MA BY QC					
4	0003	31631112042-03	HALB	E	BASE PALTE					
		1.000	EA	512.710			31631112042-03		00	
					1.000		x		06.05.2014	

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 T31631112049-00C 03 P006 TOTAL DEAERATOR ST.TANK ASSLY. 1
 (SEC-III)

Net Wt(KG) Created by Created on Changed on Drg no Drg Rev
 36,002.000 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	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	0004	AA1011819155	ZROH	F70	PLATE 25 IS2062 GRE250(FE410W) QLTY-B					
RECTANGLE :234.000 X 220.000										
MM	4.000	40.412	KG	10.103						
AA10119	15			A1					06.05.2014	
						MA BY QC & LLOYDS				
4	0005	AA1011819155	ZROH	F70	PLATE 25 IS2062 GRE250(FE410W) QLTY-B					
RECTANGLE :234.000 X 425.000										
MM	4.000	78.068	KG	19.517						
AA10119	15			A1					06.05.2014	
						MA BY QC				
4	0006	AA1011819155	ZROH	F70	PLATE 25 IS2062 GRE250(FE410W) QLTY-B					
RECTANGLE :234.000 X 830.000										
MM	4.000	152.464	KG	38.116						
AA10119	15			A1					06.05.2014	
						MA BY QC				
4	0007	AA1011819155	ZROH	F70	PLATE 25 IS2062 GRE250(FE410W) QLTY-B					
RECTANGLE :234.000 X 150.000										
MM	2.000	13.776	KG	6.888						
AA10119	15			A1					06.05.2014	
						MA BY QC				
3	0100	D21631000014			WELD DETAILS AND WPS NOS. FOR DEAERATOR					
		1.000	ST							
		03							06.05.2014	
2	0006	11631111434-00C	HALB	E	NOZZLE ASSLY. (SEC-III)					
		1.000	EA	4,137.000		11631111434-00			01	
					1.000		x		13.04.2015	
GROUP 1 TO 22										

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 36,002.000 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	31631111588-08E	HALB	E	MAN HOLE ASSLY. (24" 300# SORF)					
		1.000	EA	696.310		31631111588-08			00	
					1.000		x		06.05.2014	
GROUP 1 TO 11, REFER VAR 06 OF DRG.					11631111434					
4	0001	41631114023-05	HALB	E	PIPE					
		1.000	EA	99.410		41631114023-05			01	
			SA516 GR70		1.000		x		30.01.2012	
5	0001	HY1041870108	ZROH	F70	PLT BQ 14 MM (SA516 GR70)					
RECTANGLE :590.000 X 1,885.000										
MM	1.000	122.225	KG	122.225						
	HY10470	09	SA516GR70		A2				15.02.2012	
					MA BY QC & CIB					
5	0099	41631000617-03A	HALB	E	TEST COUPON FOR 14MM THK PLATE					
		2.000	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	2.000	21.540	KG	10.770						
	HY10470	09	SA516GR70		A2				19.05.2015	
4	0002	AA7246106200	ZSUD	F	FLANGE CS 24" ANSI 300 SORF					
		1.000	EA	216.000						
	AA7246106-00	03			A2				15.02.2012	
					MA BY QC					
4	0003	HY7240365166	ZSUD	F	NAB MSW GASKET 24" " #300 RF GRAPHITE					
		1.000	EA	0.500						
	HY7240365	01	GRAPHITE						30.01.2012	

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 (SEC-III)

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 36,002.000 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	0004	HY7142299304	ZSUD	F70	STUD 2 NUTS M36X3X240					
		24.000	EA	2.891			NA			
	HY7142299-04	04	ASTM A193B7/194 2H						30.01.2012	
4	0005	HY7246772200	ZSUD	F	CS BL FLANGE 24" " # 300 RF					
		1.000	EA	342.000						
	HY7246772	02	A105		A2				15.02.2012	
					MA BY QC & CIB					
4	0006	31631111588-08A	HALB	E	HANDLE					
		1.000	EA	0.800			31631111588-08		00	
					1.000		x		30.01.2012	
5	0001	HY1010299107	ZROH	F70	RND CS 20					
LENGTH =340.000										
MM	1.000	0.836	KG	0.836						
	HY10199	03	CS GR15 C8						30.01.2012	
4	0007	31631111588-08B	HALB	E	ROD					
		1.000	EA	4.550			31631111588-08		00	
					1.000		x		30.01.2012	
5	0001	AA1020208155	ZROH	F70	ROUND 36 HOTRLD/FORGD(NORMZ) IS1570GR40C8					
LENGTH =580.000										
MM	1.000	4.634	KG	4.634						
	AA10208	07							30.01.2012	
4	0008	31631111588-08C	HALB	E	INNER HINGE					
		2.000	EA	3.280			31631111588-08		00	
					1.000		x		30.01.2012	

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 36,002.000 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	AA1011819171	ZROH	F70	PLATE 32 IS2062 GRE250(FE410W) QLTY-B					
RECTANGLE :110.000 X 175.000										
MM	2.000	9.672	KG	4.836						
AA10119		15	A1					30.01.2012		
					MA BY QC					
4	0009	31631111588-08D	HALB	E	OUTER HINGE					
RECTANGLE :110.000 X 195.000										
		2.000	EA	3.830		31631111588-08			00	
					1.000	x			30.01.2012	
					MA BY QC					
5	0001	AA1011819171	ZROH	F70	PLATE 32 IS2062 GRE250(FE410W) QLTY-B					
RECTANGLE :110.000 X 195.000										
MM	2.000	10.776	KG	5.388						
AA10119		15	A1					30.01.2012		
					MA BY QC					
4	0010	HY7161096200	ZSUD	F70	WASHER MCD GAL 37-ST					
RECTANGLE :110.000 X 195.000										
		4.000	EA	0.089		NA				
HY7161096-00-00-01		01	IS2016 GAL ST					30.01.2012		
					MA BY QC					
4	0011	HY7171041859	ZSUD	F70	PIN TAPER 6X60					
RECTANGLE :110.000 X 195.000										
		1.000	EA	0.016		NA				
AA7171041		05	IS 6688 TYPE A					30.01.2012		
					MA BY QC					
3	0002	11631111434-06A	HALB	E	SPHERICAL DISH DIA.626/950X25 THK.					
RECTANGLE :110.000 X 195.000										
		1.000	EA	106.920		11631111434-06			01	
					1.000	x			06.05.2014	
FOR S6, FOR MANUFACTURE REF. DRG.					41631000609					
4	0001	HY1041870167	ZROH	F70	PLT BQ 28 MM (SA516 GR70)					
SQUARE = 1,295.000 X 1,295.000										
MM	1.000	368.946	KG	368.946		NA				
HY10470		09	SA516 GR70		A2			16.04.2015		
					MA BY QC & CIB					

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 36,002.000 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				
3	0003	11631111434-05	HALB	E	VENTILATOR CONN. 6"					
		1.000	EA	64.090			11631111434-05		01	
					1.000		x		06.05.2014	
GROUP 1 TO 6, S5, FOR NOZZLE CONFIG.REF.					VAR 04 OF DRG. 11631011178					
4	0001	AA1049355520	ZROH	F70	PIPE(SMLS) 168.3X10.97 CS SA106 GR B					
LENGTH =265.000										
MM	1.000	0.265	M	11.278						
	AA10455	09		A2					06.05.2014	
						MA BY QC & CIB				
4	0002	11631111434-05A	HALB	E	RF. PAD DIA. 184/300					
		1.000	EA	9.540			11631111434-05		01	
					1.000		x		06.05.2014	
5	0001									
		1.000	ST							
				A2					06.05.2014	
RF. PAD DIA. 184/300, MATL. COVERED IN					11631111434-21A,MA BY QC & CIB					
4	0003	AA7246106120	ZSUD	F70	FLANGE SOW CS 6" CL 300 RAISED FACE					
		1.000	EA	16.500			NA			
	AA7246106-03	03	ANSI B 16.5		A2				06.05.2014	
						MA BY QC & CIB				
4	0004	HY7142198192	ZSUD	F70	STUD 2 NUTS M20X130					
		12.000	EA	0.513			NA			
	HY7142198-04	04	ASTM A193B7/194 2H						06.05.2014	
4	0005	HY7240365085	ZSUD	F	NAB M.S.W. GASKET SIZE 6" #300 GRPH					
		1.000	EA	0.150						
	HY7240365	01	GRAPHITE						06.05.2014	

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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	0006	HY7246772120	ZSUD	F70	FLANGE BLIND CS 6" CL 300 RAISED FACE					
		1.000	EA	21.220			NA			
		HY7246772-02	02	ANSI:B16.5	A2				06.05.2014	
					MA BY QC & CIB					
3	0004	41631112231-00	HALB	F30	HOOK					
		2.000	EA	2.670			41631112231-00			00
					1.000		x		06.05.2014	
4	0001	AA1020208104	ZROH	F70	ROUND 20HOTRLD/FORGD(NORMLZ) IS1570GR40C8					
LENGTH =1,200.000										
MM	2.000	5.904	KG	1.000						
		AA10208	07						02.06.2009	
3	0005	41631114127-05	HALB	E	INITIAL HEATING PIPE 14" L=3280					
		1.000	EA	266.110			41631114127-05			00
					1.000		x		06.05.2014	
4	0001	AA1049455053	ZROH	F70	PIPE(SMLS) 355.6X 9.53 CS SA106 GR B					
LENGTH =3,290.000										
MM	1.000	3.290	M	267.576						
		AA10455	09		A3				07.05.2014	
					MA BY QC & LLOYDS					
3	0006	41631113740-00	HALB	F30	HEATING STEAM SUPPORT ASSY.					
		6.000	EA	22.320			41631113740-00			00
					1.000		x		06.05.2014	
GROUP 1 TO 5										
4	0001	41631113348-09	HALB	F30	PAD					
		12.000	EA	1.400			41631113348-09			00
					1.000		x		09.06.2009	
MA BY QC & EIL										

PART LIST-MATERIAL BOM

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

Net Wt(KG) Created by Created on Changed on Drg no Drg Rev
 36,002.000 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	12.000	16.956	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	6.000	34.176	KG	5.600						
AA10108		11			A1				09.06.2009	
4	0003	41631113740-00A	HALB	F30	ANGLE ISMA 75X75X8					
LENGTH =570.000										
		6.000	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	6.000	30.438	KG	5.070						
AA10108		11						09.06.2009		
4	0004	HY9603148113	ZSUD	F	U-BOLT GALVZD 14"					
LENGTH =475.000										
		6.000	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	6.000	25.368	KG	4.210						
AA10108		11			A1				09.06.2009	
3	0007	HY1041870078	ZROH	F70	PLT BQ 10 MM					
SQUARE = 60.000 X 60.000										
MM	4.000	1.132	KG	0.283						
HY10470		09	SA516 GR 70		A3				15.04.2015	
PAD (FOR MANHOLE HOOK), CUT TO DIA. 50										

PART LIST-MATERIAL BOM

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

Net Wt(KG) Created by Created on Changed on Drg no Drg Rev
 36,002.000 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	0002	41631113215-02	HALB	F30	CHANNEL 150X75					
		2.000	EA	56.300			41631113215-02		00	
					1.000		x		09.06.2009	
MA BY QC										
5	0001	AA1012708063	ZROH	F70	CHANNEL 150X75 IS2062 GRE250 QLTY-A					
LENGTH =3,365.000										
MM	2.000	113.064	KG	56.290						
	AA10108	11							09.06.2009	
MA BY QC										
4	0003	41631113216-00	HALB	F30	BAFFLE PLATE					
		2.000	EA	332.700			41631113216-00		00	
					1.000		x		09.06.2009	
MA BY QC										
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										

PART LIST-MATERIAL BOM

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

Net Wt(KG) **Created by** **Created on** **Changed on** **Drq no** **Drq Rev**
 36,002.000 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					
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	0011	41631114136-27	HALB	E	NAME PLATE HOLDER					
		1.000	EA	33.920		41631114136-27		00		
					1.000		x	06.05.2014		
4	0001	HY1041870060	ZROH	F70	PLT BQ 8 MM					
RECTANGLE :550.000 X 990.000										
MM	1.000	34.195	KG	34.195						
HY10470		09			A1				13.04.2015	
					MA BY QC					
3	0012	HE9715673058	ZSUD	F	NAME PLATE FOR DEAERATOR					
		1.000	EA	1.770		31631111235-00		01		
			SS304					06.05.2014		
3	0013	AA7122101150	ZSUD	F70	SCREW SLT CSK A P M 6X12-4.8					
		4.000	EA	0.003		NA				
AA7122101-05		05	IS1365AP-4.8					06.05.2014		

PART LIST-MATERIAL BOM

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

Net Wt(KG) **Created by** **Created on** **Changed on** **Drq no** **Drq Rev**
 36,002.000 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					
3	0014	11631111434-01	HALB	E	FEED WATER OUTLET CONN. 22"					
		2.000	EA	444.560		11631111434-01			01	
					1.000		x		06.05.2014	
GROUP 1 TO 6, S1										
4	0001	41631114023-02	HALB	F30	PIPE					
		2.000	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	2.000	162.564	KG	81.282						
	HY10470	09	SA516GR70	A2					28.08.2010	
MA BY QC & IBR										
5	0099	41631000617-03	HALB	E	TEST COUPON FOR 14MM THK PLATE					
		4.000	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	4.000	43.080	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					
		2.000	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	2.000	441.014	KG	220.507						
	HY10470	09	SA516GR70	A2					13.04.2015	
MA BY QC & IBR										

PART LIST-MATERIAL BOM

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

Net Wt(KG) Created by Created on Changed on Drg no Drg Rev
 36,002.000 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	HY1041870191	ZROH	F70	PLT BQ 40 SA516 GR70					
SQUARE = 630.000 X 630.000										
MM	2.000	249.254	KG	124.627						
HY10470		09			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	2.000	60.194	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	4.000	58.404	KG	14.601						
HY10470		09	SA516GR70		A1				06.05.2014	
VERTICAL PLATE					MA BY QC					
4	0006	HY1041870159	ZROH	F70	PLT BQ 25 MM (SA516 GR70)					
SQUARE = 730.000 X 730.000										
MM	2.000	209.164	KG	104.582						
HY10470		09	SA516GR70		A1				15.04.2015	
COVER PLATE, CUT TO DIA. 720					MA BY QC					
3	0015	11631111434-12	HALB	E	SAFETY RELIEF VALVE CONN. 8"					
		2.000	EA	103.660			11631111434-12		01	
					1.000	x		06.05.2014		
GROUP 1 TO 6, S12, FOR NOZZLE					CONFIG.REF. VAR 08 OF DRG. 11631011178					
4	0001	AA1049355601	ZROH	F70	PIPE(SMLS) 219.1X12.7 CS SA106 GR B					
LENGTH =265.000										
MM	2.000	0.530	M	17.130						
AA10455		09			A2				06.05.2014	
					MA BY QC & IBR					
4	0002	11631111434-12A	HALB	E	RF. PAD DIA. 235/400					
		2.000	EA	17.800			11631111434-12		01	
					1.000	x		06.05.2014		

PART LIST-MATERIAL BOM

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

Net Wt(KG) Created by Created on Changed on Drg no Drg Rev
 36,002.000 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									
		2.000	ST							
				A2						06.05.2014
RF. PAD DIA. 235/400, MATL. COVERED IN					11631111434-21A					
4	0003	AA7246106138	ZSUD	F70	FLANGE SOW CS 8" CL 300 RAISED FACE					
		2.000	EA		25.500					NA
	AA7246106-03	03	ANSI B 16.5	A2						06.05.2014
					MA BY QC & IBR					
4	0004	HY7240365093	ZSUD	F	NAB M.S.W. GASKET SIZE 8" #300 GRPH					
		2.000	EA		0.200					
	HY7240365	01	GRAPHITE							06.05.2014
					MA BY QC & IBR					
4	0005	HY7246772138	ZSUD	F70	FLANGE BLIND CS 8" CL 300 RAISED FACE					
		2.000	EA		35.040					NA
	HY7246772-02	02	ANSI:B16.5	A2						06.05.2014
					MA BY QC & IBR					
4	0006	HY7142198389	ZSUD	F70	STUD 2 NUTS M22X170					
		24.000	EA		0.758					NA
	HY7142198-04	04	ASTM A193B7/194 2H							06.05.2014
					MA BY QC & IBR					
3	0016	11631111434-24	HALB	E	TEMPERATURE GAUGE CONN. M33X2					
		2.000	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					
		2.000	EA		0.400					NA
	AA7326101-01	01		A2						06.05.2014
					MA BY QC & IBR					

PART LIST-MATERIAL BOM

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

Net Wt(KG) **Created by** **Created on** **Changed on** **Drg no** **Drg Rev**
 36,002.000 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	0002	HY9601207112	ZSUD	F70	PLUG M33X2					
		2.000	EA	0.280			NA			
HY9601207-01-03		04			A1				06.05.2014	
					MA BY QC					
4	0003	HY7161094429	ZSUD	F70	WASHER SEALING 33X39X2					
		2.000	EA	0.001			NA			
HY7161094-00-00-01		01	CSN029310					06.05.2014		
					MA BY QC					
3	0017	41631114127-06	HALB	E	INITIAL HEATING PIPE 14" L=5990					
		1.000	EA	486.530			41631114127-06			00
					1.000	x	06.05.2014			
					MA BY QC & LLOYDS					
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				12.05.2014	
					MA BY QC & LLOYDS					
3	0018	11631111434-10	HALB	E	BFP RECIRCULATION CONN. 10"					
		2.000	EA	107.640			11631111434-10			01
					1.000	x	06.05.2014			
GROUP 1 TO 5, S10, FOR NOZZLE					CONFIG.REF. VAR 10 OF DRG. 11631011178					
4	0001	AA1049355695	ZROH	F70	PIPE(SMLS) 273.1X12.7 CS SA106 GR B					
LENGTH =470.000										
MM	2.000	0.940	M	38.333						
AA10455		09			A2				06.05.2014	
					MA BY QC & IBR					
4	0002	11631111434-10A	HALB	E	RF. PAD DIA. 289/500					
		2.000	EA	28.280			11631111434-10			01
					1.000	x	06.05.2014			

PART LIST-MATERIAL BOM

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

Net Wt(KG) **Created by** **Created on** **Changed on** **Drq no** **Drq Rev**
 36,002.000 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)			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					
5	0001									
		2.000	ST							
				A2						06.05.2014
		RF. PAD DIA. 289/500, MATL. COVERED IN			11631111434-21A,MA BY QC & IBR					
4	0003	HY1041870132	ZROH	F70	PLT BQ 20 (SA516 GR70)					
		SQUARE = 335.000 X 335.000								
MM	2.000	35.238	KG	17.619						
	HY10470	09	SA516GR70	A2						15.04.2015
		BLANKING PLATE, DRILL 1/2" NPT HOLE, CUT			TO DIA. 325 .MA BY QC & IBR					
4	0004	41631612907-00	HALB	F30	DISPERSER PIPE (SS) 10"					
		2.000	EA	21.480			41631612907-00			00
					1.000		x			06.05.2014
5	0001	HY1071155989	ZROH	F70	PIPE SS 273 X 9.3 A312 TP321					
		LENGTH =440.000								
MM	2.000	0.880	M	1.000						
	AA10755	07		A1						02.06.2009
		MA BY QC								
4	0005	HY1071886096	ZROH	F70	PLT SS 12 TP304L					
		SQUARE = 335.000 X 335.000								
MM	2.000	21.548	KG	10.774						
	HY10786	00		A2						15.04.2015
		END COVER, CUT TO DIA. 325			MA BY QC & CIB					
3	0019	11631111434-09	HALB	E	SAMPLING CONN. 1"					
		1.000	EA	1.260			11631111434-09			01
					1.000		x			06.05.2014
		GROUP 1 TO 2, S9, FOR NOZZLE CONFIG.REF.			VAR 06 OF DRG. 11631011178					
4	0001	HE9691001039	ZSUD	F	SW COUPLING ANSI 6000# CS 1"X55					
		1.000	EA	0.960						
	HE91001	05	SA350 LF2	A2						07.05.2014
		MA BY QC & IBR								

PART LIST-MATERIAL BOM

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

Net Wt(KG) Created by Created on Changed on Drg no Drg Rev
 36,002.000 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	0002	HE9791003033	ZSUD	F	3/4" BAR PLUG CS				
		1.000	EA	0.300					
	HE91003	03	SA105	A2					07.05.2014
3	0020	11631111434-08	HALB	E	INITIAL FILLING CONN. 6 "				
		1.000	EA	27.170		11631111434-08		01	
					1.000	x			06.05.2014
GROUP 1 TO 3, S8, FOR NOZZLE CONFIG.REF.					VAR 01 OF DRG. 11631011178				
4	0001	AA1049355520	ZROH	F70	PIPE(SMLS) 168.3X10.97 CS SA106 GR B				
LENGTH =330.000									
MM	1.000	0.330	M	14.045					
	AA10455	09		A2					07.05.2014
					MA BY QC & IBR				
4	0002	11631111434-08A	HALB	E	RF. PAD DIA. 184/300				
		1.000	EA	9.540		11631111434-08		01	
					1.000	x			07.05.2014
5	0001								
		1.000	ST						
				A2					07.05.2014
RF. PAD DIA. 184/300, MATL. COVERED IN					11631111434-21A,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, CUT TO DIA. 220					MA BY QC & IBR				
3	0021	HE9791003025	ZSUD	F	1/2" BAR PLUG CS (SA105)				
		2.000	EA	0.200					
	HE91003	03	SA105						06.05.2014
ON HYDROTEST BLANKING PLATE FOR S10									

PART LIST-MATERIAL BOM

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

Net Wt(KG) Created by Created on Changed on Drg no Drg Rev
 36,002.000 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	0022	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										
3	0100	D11631011178			NOZZLE DETAIL ASSLY					
		1.000	ST							
		00					15.04.2015			
2	0100	D41631114126			NAME PLATE DETAILS					
		1.000	ST							
		00					13.04.2015			
2	0101	D41631000609			DE ID4000X25 THK. (MIN.) WITH SPH DISH					
		1.000	ST							
		01					13.04.2015			
2	0102	D41631000619			PLATE FOR 2:1 ELLIPSOIDAL DISHED END					
		1.000	ST							
		00					18.04.2015			
1	0161	31631112042-03B	HALB	F30	BOTTOM PLATE (SLIDING SUPPORT)					
		1.000	EA	512.710			31631112042-03		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										

PART LIST-MATERIAL BOM

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

Net Wt(KG) **Created by** **Created on** **Changed on** **Drq no** **Drq Rev**
 36,002.000 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)			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	0162	41631113965-03SC	HALB	F30	SS PLATE					
		2.000	EA	20.000			41631113965-03		00	
					1.000				13.04.2015	
2	0001	HY1071886010	ZROH	F70	PLT SS 5 TP304L					
RECTANGLE :250.000 X 2,000.000										
MM	2.000	40.000	KG	20.000						
	HY10786	00		A1					01.06.2010	
						MA BY QC				
1	0163	HE9817194000	ZSUD	F	TEFLON SHEET 2.5X250X2000					
		2.000	EA	2.500						
	HE51514-00	00	PTFE		A1				13.04.2015	
1	0164	HE9717444218	ZSUD	F	STUD 2 NUTS M56X3X400					
		8.000	EA	10.710			41631000567-21		00	
	HY7142299-00	04	SA193B7/ SA194 2H						13.04.2015	
1	0165	HY7161096260	ZSUD	F70	WASHER MCD GAL 58-ST					
		16.000	EA	0.424			NA			
	HY7161096-00-00-01	01	IS2016 GAL ST						13.04.2015	
1	0167									
		2.000	ST							
				A2					13.04.2015	
SRV 8"300/10"150#, SP 14.0(G),RC 110T/HR					,WT.381KG					
1	0168	AA7246101144	ZSUD	F70	FLANGE SOW CS 10" CL 150 RAISED FACE					
		2.000	EA	17.000			NA			
	AA7246101-02	02	ANSI B16.5		A2				13.04.2015	
FOR S12C,D						MA BY QC				

PART LIST-MATERIAL BOM

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

Net Wt(KG) **Created by** **Created on** **Changed on** **Drq no** **Drq Rev**
 36,002.000 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	0169	HY7142198370	ZSUD	F70	STUD 2 NUTS M22X160					
		24.000	EA	0.728			NA			
	HY7142198-04	04	ASTM A193B7/194 2H						13.04.2015	
FOR S12C,D										
1	0170	HY7240364062	ZSUD	F	NAB M.S.W. GASKET SIZE 10" #150 GRPH					
		2.000	EA	0.300						
	HY7240364	00	GRAPHITE						13.04.2015	
FOR S12C,D										
1	0171	HY7240365093	ZSUD	F	NAB M.S.W. GASKET SIZE 8" #300 GRPH					
		2.000	EA	0.200						
	HY7240365	01	GRAPHITE						13.04.2015	
FOR S12C,D										
1	0172									
		2.000	ST							
				A1					13.04.2015	
	THERMOWELL, C4, COVERED VIDE MATL. NO.				HY7326005290, WT. 0.4KGS.,MA BY QC					
1	0173									
		2.000	ST							
				A1					13.04.2015	
	TEMP. GAUGE, C4, COVERED VIDE MATL. NO.				HY7320301750, WT. 2 KGS.,MA BY QC					
1	0174	AA1049355164	ZROH	F70	PIPE(SMLS)- 33.4X 4.55 CS SA106 GR B					
	LENGTH =1,000.000									
MM	1.000	1.000	M	3.240						
	AA10455	09		A2					13.04.2015	
FOR S9					MA BY QC					
1	0175	AA7501468605	ZSUD	F70	GLOBE VALVE CS 1" CL 800 SW ENDS					
		1.000	EA	3.400			NA			
	AA7501468-00	00	BS:5352		A2				13.04.2015	
FOR S9					MA BY QC					