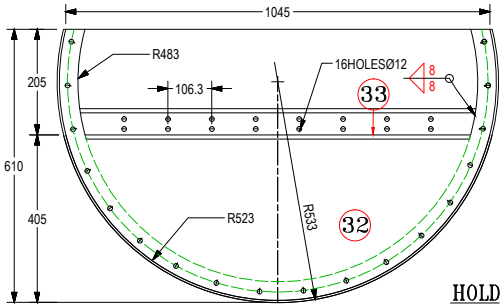
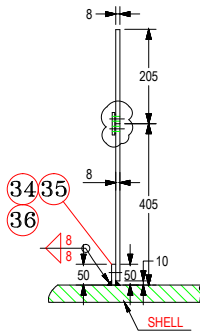


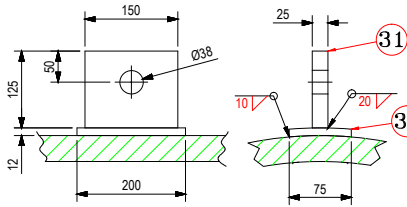
ASME U



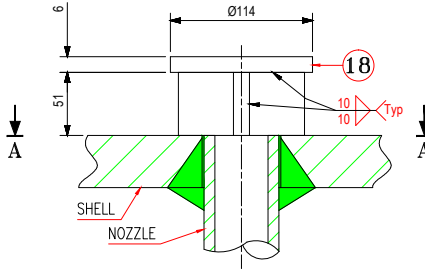
### DETAIL OF WEAR PLATE



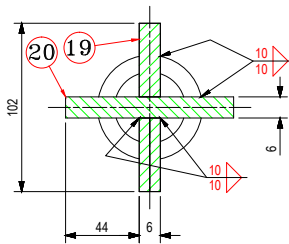
DETAIL "D"



### DETAIL OF LIFTING EYE



### VORTEX BREAKER DETAIL



SECTION C-C

						6496 kg	
38	plate 46 mm Thick SA 516 GR 70N	3685x3048	1	4025			
	Dishend 2:1 Elliptical SF=50mm 42 thick (min) / 46 thick (Nom) SA 516 GR 70N see note # 7	I.D 1124	2	1134.50			
36	GASKET TO SUIT THE PROFILE Non Asbestos		1	0.9			
35	BOLT / NUT M10x40 SA 240 SS 316		12	0.9			
34	Plate 8mm THK SA240 SS316		1	5.5			
33	Plate 8mm THK SA240 SS 316	50x1025	1	4.0			
32	Plate 8mm THK SA240 SS 316	400x1020	1	32.0			WEAR PLATE
31	Plate 25mm THK SA 516 Gr.70	125x150	2	7.40			
30	Plate 12mm THK SA 516 Gr.70	75x200	2	3.30			LIFTING EYE
29	Gasket ; Hoop Material Spiral Wound 4.5mm THK. SS 304 With Graphite Filler Material. ASME-CL600 Flange of RF type NPS DN 450 (18")	-	1	-			
28	1-5/8" 10UNC Stud Bolts with 2 Heavy Hex. Nuts SA 193 GR.B7 / SA 194 GR. 2H	300 LG.	20	85.00			
27	Blind Flange Forged Carbon Steel ASME-600 SA 105N NPS. DN 450 (18")		1	286.00			M1
26	Plate 42mm THK SA 516 GR. 70N	O.D 810	1	140.60			
25	Pipe CS SMLS PE SA 106 GR. B SCH. 80 (THK) NPS DN 450 (18")	204 LG	1	51.80			
24	Flange Forged Carbon Steel ASME-600 WNRFF SCH 80 (THK.) SA 105N NPS. DN 450 (18")		1	268.30			
23	Plate 20mm THK SA 516 GR. 70	O.D 160	1	6.60			
22	Pipe CS SMLS PE SA 106 GR. B SCH. 160 (THK) NPS DN 50 (2")	155 LG	1	3.30			N7
21	Flange Forged Carbon Steel ASME-600 WNRFF SCH 160 (THK.) SA 105N NPS. DN 50 (2")		1	9.00			
20	Plate 6mm THK SA 240 GR SS 316	51X102	5	2.00			
19	Plate 6mm THK SA 240 GR SS 316	45X51	10	1.70			N3,N4,N5,N6 N14B
18	Plate 6mm THK SA 240 GR SS 316	O.D 114	5	3.80			
17	Plate 20mm THK SA 516 GR. 70	O.D 160	6	18.90			N3,N4,N5,N6 N8
16	Pipe CS SMLS PE SA 106 GR. B SCH. 160 (THK) NPS DN 50 (2")	232 LG	1	10.30			N15
15	Pipe CS SMLS PE SA 106 GR. B SCH. 160 (THK) NPS DN 50 (2")	224 LG	1	10.30			N14A
14	Pipe CS SMLS PE SA 106 GR. B SCH. 160 (THK) NPS DN 50 (2")	213 LG	1	10.30			N13
13	Pipe CS SMLS PE SA 106 GR. B SCH. 160 (THK) NPS DN 50 (2")	237 LG	1	10.30			N12B
12	Pipe CS SMLS PE SA 106 GR. B SCH. 160 (THK) NPS DN 50 (2")	221 LG	1	10.30			N12A
11	Pipe CS SMLS PE SA 106 GR. B SCH. 160 (THK) NPS DN 50 (2")	116 LG	9	10.30			N3,N4,N5,N6,N7 N10,N11,N11A N13,N14,N5,N6,N7
10	Flange Forged Carbon Steel ASME-600 WNRFF SCH 160 (THK.) SA 105N NPS. DN 50 (2")		14	36.40			
9	Plate 42mm THK SA 516 GR. 70N	O.D 215	1	11.80			
8	Pipe CS SMLS PE SA 106 GR. B SCH. 120 (THK) NPS DN 100 (4")	138 LG	1	3.90			N2
7	Flange Forged Carbon Steel ASME-600 WNRFF SCH 120 (THK.) SA 105N NPS. DN 100 (4")		1	18.30	18.30		
6	Plate 12mm THK SA240 SS 316	250x250	1	5.90			
5	Plate 12mm THK SA240 SS 316	200x250	1	4.50			
4	Plate 12mm THK SA240 SS 316	111x250	1	2.30			
3	Plate 36mm THK SA 516 GR. 70N	O.D 220	1	19.80			N1
2	Pipe CS SMLS PE SA 106 GR. B SCH. 120 (THK) NPS DN 100 (4")	222 LG	1	12.00			
1	Flange Forged Carbon Steel ASME-600 WNRFF SCH 120 (THK.) SA 105N NPS. DN 100 (4")		1	36.70			
P/No	DESCRIPTION	SIZE	QTY	Wt. (Kg)	REF DWG/STD	REMARKS	

**ISSUED FOR APPROVAL**

0	24-02-2016	ISSUED FOR APPROVAL	TAG	AZ	-	-													
REV.	Date Issue	Description	Made	Checked	Disc. apprd	Proj. apprd													
COMPUTER REFERENCE:-							PET/3/526												
<b>PETROSIN</b>		<b>PETROSIN GROUP</b>																	
DATE	CLIENT--																		
24-02-2016	OIL & GAS DEVELOPMENT COMPANY LIMITED																		
SCALE	PROJECT--																		
NTS	UNIT OF 16MMSCFD MOBILE TRAILER MOUNTED THREE PHASE TEST SEPARATORS (SOUR SERVICE)																		
DRAWN	TAG																		
	TITLE--																		
ENGINEER	NOZZLES & ATTACHMENTS DETAIL THREE PHASE SEPARATOR																		
CHECKED	SA		DRAWING No.												SHEET No.				
AZ	PROJECT No.		PRJ - 105												2 OF 2				
APPROVED	SL		PRJ - 105-M-FD-001												REV. 0				
PROCESS	MECHANICAL	CIVIL	STRUCTURE	PIPING	INSTRUMENT	ELECTRICAL	ENGR.	MOR.	O.C.	GMR.									
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