

PRESSURE VESSELS	
COMPANY:	National Iranian South Oilfields Company (NISOC)
PROJECT	Binak Oilfield Development – General Facilities
EPD/EPC CONTRACTOR	Petro Iran Development Company (PEDCO)
EPC CONTRACTOR	Hirgan Energy Companies

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23-Nov-22

Row	Product Name		QTY	Materials Shell / Heads	Clad	Internal	In. Dia. of Shell (mm)	Tan/Tan Dim. (mm)	Vessel Orienta tion	Lethal / SOUR	Shell Wall Thk. (mm)	Head Wall Thk. (mm)	Weight Pressure Vessel (kg)	Total Weight (kg)	Total Weight of S.S (kg)
1	V-2101A/B/C	1st Stage G.C. Suction Drums	3	A 516 Gr. 60 N	NO	S.S. 316	900	3,000	Vertical	Sour HC	8	8	721	2,163	
2	V-2102A/B/C	2nd Stage G.C. Suction Drums	3	A 516 Gr. 70 N	3mm SS 316L	S.S. 316 L	900	3,000	Vertical	Sour HC	12	12	1,350	4,050	
				S.S 316 L	YES	S.S. 316 L	900	3,000	Vertical	Sour HC	3	3	278	-	1,077
3	V-2103	Discharge Gas K.O. Drum	1	A 516 Gr. 70 N	3mm SS 316L	S.S. 316 L	900	3,000	Vertical	No	20	20	1,835	1,835	
				S.S 316 L	YES						3	3	243	-	
4	V-2104	Slug Catcher	1	SA 516 Gr. 60 N	NO	S.S. 315	4,200	12,600	Horizontal	Sour Sevice	25	23	44,551	44,551	
5	V-2105	Inlet Gas K.O. Drum	1	SA 516 Gr. 60N	NO	S.S. 316	1,500	4,500	Horizontal	Sour Sevice	10	10	2,428	2,428	
7	V-2107	Glycol Sump Drum	1	SA 516 70	NO	NO	1,100	3,600	Horizontal	No	5	5	659	659	
8	V-2201	Flare K.O. Drum	1	SA 516 70N	NO	NO	1,000	3,000	Horizontal	Sour Sevice	7	6	808	808	
9	V-2202	Close Drain Drum	1	SA 516 70N	NO	NO	2,600	7,800	Horizontal	No	10	10	6,810	6,810	
10	V-2203	Instrument Air Receiver	1	SA 516 70	NO	NO	1,500	5,000	Vertical	N/A	14	12	3,507	3,507	
11	V-2204	Nitrogen Receiver	1	SA 516 70	NO	NO	1,050	3,150	Vertical	N/A	7	7	780	780	
12	V-2205	Fuel Gas K.O. Drum	1	SA 100 Gr B (18 Pipe, Sch. STD) SA 516 Gr. 60 N	NO	S.S. 316	438	2,950	Vertical	Sour Sevice	9.5	8	392	392	
13	V-2206	Diesel Oil Drum	1	SA 516 70	NO	NO	2,300	6,000	Horizontal	No	8	6	3,773	3,773	
			16											71,756	71.76