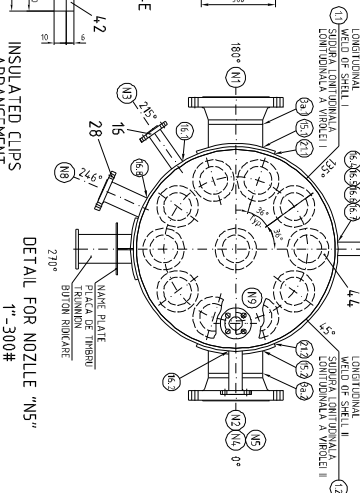
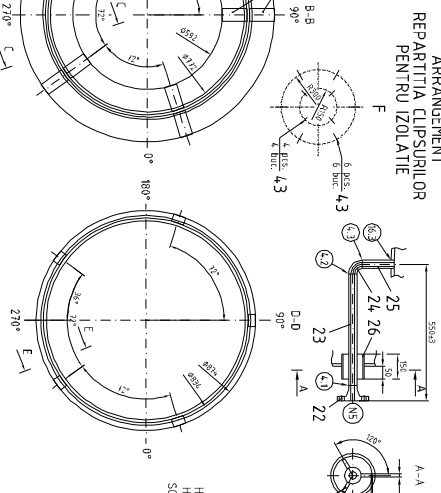


REAL ORIENTATION OF NOZZLES AND LONGITUDINAL WELDS ORIENTAREA REALA A RACORDURILOR SI A SUDURILOR LONGITUDINALE



1"-300#

[illegible]

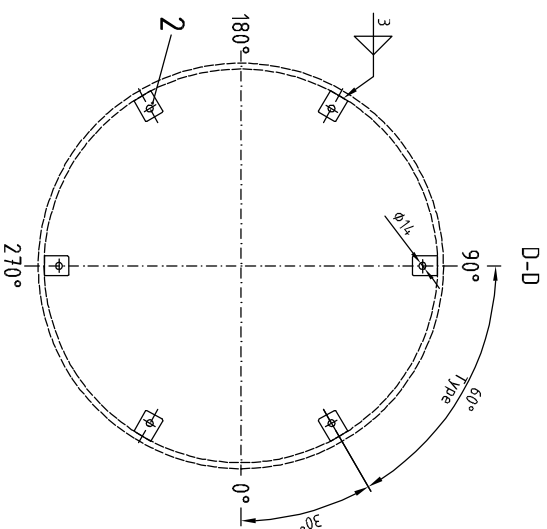
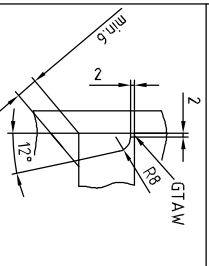
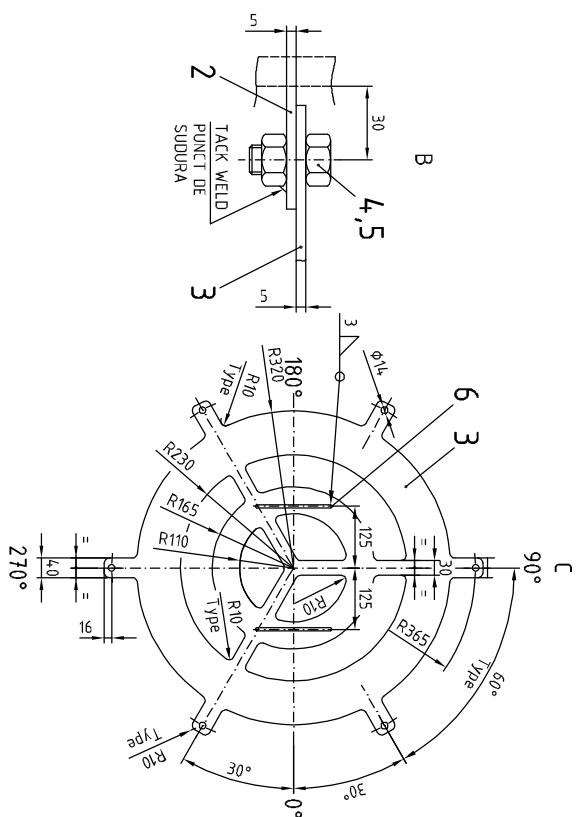
NOTE

FCM is used for pattern and is not simply an approximation of the standard interval requirement stated as, 15, 30, 45, 60, 75, 90, 105, 120, 135, 150, 165, 180, 195, 210, 225, 240, 255, 270, 285, 300, 315, 330, 345, 360, 375, 390, 405, 420, 435, 450, 465, 480, 495, 510, 525, 540, 555, 570, 585, 600, 615, 630, 645, 660, 675, 690, 705, 720, 735, 750, 765, 780, 795, 810, 825, 840, 855, 870, 885, 900, 915, 930, 945, 960, 975, 990, 1005, 1020, 1035, 1050, 1065, 1080, 1095, 1110, 1125, 1140, 1155, 1170, 1185, 1200, 1215, 1230, 1245, 1260, 1275, 1290, 1305, 1320, 1335, 1350, 1365, 1380, 1395, 1410, 1425, 1440, 1455, 1470, 1485, 1500, 1515, 1530, 1545, 1560, 1575, 1590, 1605, 1620, 1635, 1650, 1665, 1680, 1695, 1710, 1725, 1740, 1755, 1770, 1785, 1800, 1815, 1830, 1845, 1860, 1875, 1890, 1905, 1920, 1935, 1950, 1965, 1980, 1995, 2010, 2025, 2040, 2055, 2070, 2085, 2100, 2115, 2130, 2145, 2160, 2175, 2190, 2205, 2220, 2235, 2250, 2265, 2280, 2295, 2310, 2325, 2340, 2355, 2370, 2385, 2400, 2415, 2430, 2445, 2460, 2475, 2490, 2505, 2520, 2535, 2550, 2565, 2580, 2595, 2610, 2625, 2640, 2655, 2670, 2685, 2700, 2715, 2730, 2745, 2760, 2775, 2790, 2805, 2820, 2835, 2850, 2865, 2880, 2895, 2910, 2925, 2940, 2955, 2970, 2985, 3000, 3015, 3030, 3045, 3060, 3075, 3090, 3105, 3120, 3135, 3150, 3165, 3180, 3195, 3210, 3225, 3240, 3255, 3270, 3285, 3300, 3315, 3330, 3345, 3360, 3375, 3390, 3405, 3420, 3435, 3450, 3465, 3480, 3495, 3510, 3525, 3540, 3555, 3570, 3585, 3600, 3615, 3630, 3645, 3660, 3675, 3690, 3705, 3720, 3735, 3750, 3765, 3780, 3795, 3810, 3825, 3840, 3855, 3870, 3885, 3900, 3915, 3930, 3945, 3960, 3975, 3990, 4005, 4020, 4035, 4050, 4065, 4080, 4095, 4110, 4125, 4140, 4155, 4170, 4185, 4200, 4215, 4230, 4245, 4260, 4275, 4290, 4305, 4320, 4335, 4350, 4365, 4380, 4395, 4410, 4425, 4440, 4455, 4470, 4485, 4500, 4515, 4530, 4545, 4560, 4575, 4590, 4605, 4620, 4635, 4650, 4665, 4680, 4695, 4710, 4725, 4740, 4755, 4770, 4785, 4800, 4815, 4830, 4845, 4860, 4875, 4890, 4905, 4920, 4935, 4950, 4965, 4980, 4995, 5010, 5025, 5040, 5055, 5070, 5085, 5100, 5115, 5130, 5145, 5160, 5175, 5190, 5205, 5220, 5235, 5250, 5265, 5280, 5295, 5310, 5325, 5340, 5355, 5370, 5385, 5400, 5415, 5430, 5445, 5460, 5475, 5490, 5505, 5520, 5535, 5550, 5565, 5580, 5595, 5610, 5625, 5640, 5655, 5670, 5685, 5700, 5715, 5730, 5745, 5760, 5775, 5790, 5805, 5820, 5835, 5850, 5865, 5880, 5895, 5910, 5925, 5940, 5955, 5970, 5985, 6000, 6015, 6030, 6045, 6060, 6075, 6090, 6105, 6120, 6135, 6150, 6165, 6180, 6195, 6210, 6225, 6240, 6255, 6270, 6285, 6300, 6315, 6330, 6345, 6360, 6375, 6390, 6405, 6420, 6435, 6450, 6465, 6480, 6495, 6510, 6525, 6540, 6555, 6570, 6585, 6600, 6615, 6630, 6645, 6660, 6675, 6690, 6705, 6720, 6735, 6750, 6765, 6780, 6795, 6810, 6825, 6840, 6855, 6870, 6885, 6900, 6915, 6930, 6945, 6960, 6975, 6990, 7005, 7020, 7035, 7050, 7065, 7080, 7095, 7110, 7125, 7140, 7155, 7170, 7185, 7200, 7215, 7230, 7245, 7260, 7275, 7290, 7305, 7320, 7335, 7350, 7365, 7380, 7395, 7410, 7425, 7440, 7455, 7470, 7485, 7500, 7515, 7530, 7545, 7560, 7575, 7590, 7605, 7620, 7635, 7650, 7665, 7680, 7695, 7710, 7725, 7740, 7755, 7770, 7785, 7800, 7815, 7830, 7845, 7860, 7875, 7890, 7905, 7920, 7935, 7950, 7965, 7980, 7995, 8010, 8025, 8040, 8055, 8070, 8085, 8100, 8115, 8130, 8145, 8160, 8175, 8190, 8205, 8220, 8235, 8250, 8265, 8280, 8295, 8310, 8325, 8340, 8355, 8370, 8385, 8400, 8415, 8430, 8445, 8460, 8475, 8490, 8505, 8520, 8535, 8550, 8565, 8580, 8595, 8610, 8625, 8640, 8655, 8670, 8685, 8700, 8715, 8730, 8745, 8760, 8775, 8790, 8805, 8820, 8835, 8850, 8865, 8880, 8895, 8910, 8925, 8940, 8955, 8970, 8985, 9000, 9015, 9030, 9045, 9060, 9075, 9090, 9105, 9120, 9135, 9150, 9165, 9180, 9195, 9210, 9225, 9240, 9255, 9270, 9285, 9300, 9315, 9330, 9345, 9360, 9375, 9390, 9405, 9420, 9435, 9450, 9465, 9480, 9495, 9510, 9525, 9540, 9555, 9570, 9585, 9600, 9615, 9630, 9645, 9660, 9675, 9690, 9705, 9720, 9735, 9750, 9765, 9780, 9795, 9810, 9825, 9840, 9855, 9870, 9885, 9900, 9915, 9930, 9945, 9960, 9975, 9990, 10005, 10020, 10035, 10050, 10065, 10080, 10095, 10110, 10125, 10140, 10155, 10170, 10185, 10200, 10215, 10230, 10245, 10260, 10275, 10290,

Figure 1 consists of two parts. The top part is a side view of a mechanical system. It shows a horizontal shaft labeled 'A' supported by two bearings. A pulley is mounted on the shaft. A motor labeled 'M' is connected to the pulley. A spring labeled 'S' is connected to the pulley. The distance between the bearings is labeled 'L'. The pulley has a radius 'R' and a width 'b'. The motor is labeled 'M' and the spring is labeled 'S'. The shaft is labeled 'A'. The bottom part is a cross-section of the pulley. It shows a cylinder with radius 'R' and width 'b'. Three forces are applied to the pulley: F_1 at the top, F_2 at the bottom, and F_3 at the side. The forces are applied at different points on the pulley's rim. The pulley is labeled 'B'.

Notes:
 1. Positive loads (forces and moments) as per WRC 1071.
 2. Conversion should be made to small end of the pulley.
 3. WRC 1071 defines small end as zero.

BY WORKING STATUS AT WORKING PRESSURE, HAVING THE 60 MINUTES. OF PRODUCTION OF LIQUID IN THE PRESENCE OF LIQUID FOR 50 MINUTES. BY 9 AM THE AFTER ROPING BY 9 AM THE AFTER ROPING BY 9 AM THE AFTER ROPING									
1	2	3	4	5	6	7	8	9	10
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31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100
101	102	103	104	105	106	107	108	109	110
111	112	113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128	129	130
131	132	133	134	135	136	137	138	139	140
141	142	143	144	145	146	147	148	149	150
151	152	153	154	155	156	157	158	159	160
161	162	163	164	165	166	167	168	169	170
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371	372	373	374	375	376	377	378	379	380
381	382	383	384	385	386	387	388	389	390
391	392	393	394	395	396	397	398	399	400
401	402	403	404	405	406	407	408	409	410
411	412	413	414	415	416	417	418	419	420



	Symbols	PQR
Symbol Symbol		
21.11		

Desen realizat electronic (CAD)
Modificările pot fi facute doar prin
intermediul (CAD).

-	ELECTRODES ELECTROZI	ASME SFA-5.9	E 309-15/16		
6	HANDEL ø6 MANER	-	2	SA-4.79 Tp304	L=283 mm 0.065
5	NUT M12 PILITA	DIN 934	6	SA-4.79 Tp304	0.020
4	SCREW M12 SUBUB	DIN 933	6	SA-4.79 Tp304	0.030
3	PLATE PLACA	-	1	W1.4462	2.550
2	RIB #5x40x50 NERVURA	-	6	SA-240 Tp304	0.065
1	SUPPORT SUPPORT	-	1	SA-516 Gr.70	122.000
POS.	DENOMINATION	REFERENCE	PCS.	MATERIAL	REMARKS NET WT KG/PC.
0	Prima editie / First issue	0103.2012	Elena Neagu	Carmen Grigoriu	K.H. Wiedl
REV.	Denuntirea modificarii	Data	Desenat / Drawn	Proiectat / Designed	Aprobat / Approved
	 JCR Consulting SRL Societate cu raspundere limitata Bucuresti, Romania Bucuresti, Romania	Nr. protect / Project No.	JCR PR 11-100	Nr. desen / Drawing No.	Rev.
					0
Beneficiar / Owner: S.C. Petroel-Lukoil S.A.					
Instiatare / Unit: Reformare catalitica					
Scara / Scale	Denumire desen / Drawing name				
-	INTERNAL ARRANGEMENT/INTERIOARE				

In. DAIS-1441-10.12.19

