



NISOC

نگهداشت و افزایش تولید میدان نفتی بینک
سطح الارض

احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک



MTO FOR MANUAL VALVES

شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

پروژه

BK

بسته کاری

GCS

صادر کننده

PEDCO

تسهیلات

120

رشته

PI

نوع مدرک

MT

سریال

0004

نسخه

D00

شماره صفحه: ۱ از ۷

طرح نگهداشت و افزایش تولید ۲۷ مخزن

MTO FOR MANUAL VALVES

نگهداشت و افزایش تولید میدان نفتی بینک

D00	OCT.2022	IFI	M.Noori	M.Fakharian	M.Mehrshad	
Rev.	Date	Purpose of Issue / Status	Prepared by:	Checked by:	Approved by:	CLIENT Approval

Class: 3

CLIENT Doc. Number: F8Z-708914

status:

IDC: Inter-Discipline Check

IFC: Issued For Comment

IFA: Issued For Approval

AFD: Approved For Design

AFC: Approved For Construction

AFP: Approved For Purchase

AFQ: Approved For Quotation

IFI: Issued For Information

AB-R: As-Built for CLIENT Review

AB-A: As-Built -Approved

 NISOC	نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک						 		
	MTO FOR MANUAL VALVES								
شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴	پروژه BK	بسته کاری GCS	صادر کننده PEDCO	تسهیلات 120	رشته PI	نوع مدرک MT	سریال 0004	نسخه D00	شماره صفحه: ۷ از ۲

REVISION RECORD SHEET

Page	D00	D01	D02	D03	D04	Page	D00	D01	D02	D03	D04
1	X					65					
2	X					66					
3	X					67					
4	X					68					
5	X					69					
6	X					70					
7	X					71					
8						72					
9						73					
10						74					
11						75					
12						76					
13						77					
14						78					
15						79					
16						80					
17						81					
18						82					
19						83					
20						84					
21						85					
22						86					
23						87					
24						88					
25						89					
26						90					
27						91					
28						92					
29						93					
30						94					
31						95					
32						96					
33						97					
34						98					
35						99					
36						100					
37						101					
38						102					
39						103					
40						104					
41						105					
42						106					
43						107					
44						108					
45						109					
46						110					
47						111					
48						112					
49						113					
50						114					
51						115					
52						116					
53						117					
54						118					
55						119					
56						120					
57						121					
58						122					
59						123					
60						124					
61						125					
62						126					
63						127					
64						128					

 NISOC	نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک								
	MTO FOR MANUAL VALVES								
	شماره پیمان:	پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال	
۰۵۳ - ۰۷۳ - ۹۱۸۴	BK	GCS	PEDCO	120	PI	MT	0004	D00	شماره صفحه: ۳ از ۷

MTO FOR MANUAL VALVES

Item	Description	Material	Size (Inch)	Req. Qty. (m)	Total Req. Qty. - Rounded (m)	Remarks
1	GATE VALVE SW/NPT CL800 SW BB OS&Y HO SOLID WEDGE RENEWABLE SEAT RING API602	BODY: ASTM A105 & TRIM NO.12	3/4"	2	2	
2	GATE VALVE SW/NPT CL800 SW BB OS&Y HO SOLID WEDGE RENEWABLE SEAT RING API602	BODY: ASTM A105 & TRIM NO.12 NACE MR0175	3/4"	11	11	
3	BALL VALVE SW CL800 RB BB FLOATING BALL TWO PIECES SOFT SEAT LO RENEWABLE SEAT RING WITH TWO PIECE OF 100	BODY: ASTM A105 , BALL: 13%CR & TRIM: 13%CR+RPTFE	3/4"	2	2	
4	GATE VALVE SW/NPT CL800 SW BB OS&Y HO SOLID WEDGE RENEWABLE SEAT RING API602	BODY: ASTM A182 GR.F316L & TRIM NO.10	3/4"	9	9	
5	CHECK VALVE SW CL800 SW BC LIFT TYPE PISTON TYPE RENEWABLE SEAT RING ISO 15761	BODY: ASTM A105 & TRIM NO.12 NACE MR0175	1"	4	4	
6	GATE VALVE SW/NPT CL800 SW BB OS&Y HO SOLID WEDGE CAR SEALED RENEWABLE SEAT RING API602	BODY: ASTM A105 & TRIM NO.12 NACE MR0175	1"	1	1	
7	GATE VALVE SW/NPT CL800 SW BB OS&Y HO SOLID WEDGE RENEWABLE SEAT RING API602	BODY: ASTM A105 & TRIM NO.12 NACE MR0175	1"	18	18	
8	GATE VALVE SW/NPT CL800 SW BB OS&Y HO SOLID WEDGE CAR SEALED RENEWABLE SEAT RING API602	BODY: ASTM A105 & TRIM NO.8	1"	2	2	
9	GATE VALVE SW/NPT CL800 SW BB OS&Y HO SOLID WEDGE RENEWABLE SEAT RING API602	BODY: ASTM A105 & TRIM NO.8	1"	4	4	
10	BALL VALVE SW CL800 RB BB FLOATING BALL TWO PIECES SOFT SEAT LO RENEWABLE SEAT RING WITH TWO PIECE	BODY: ASTM A105 , BALL: SS316 & TRIM: 316+RPTFE NACE MR0175	1"	4	4	
11	GATE VALVE SW/NPT CL800 SW BB OS&Y HO SOLID WEDGE RENEWABLE SEAT RING API602	BODY: ASTM A182 GR.F316L & TRIM NO.10	1"	6	6	
12	GLOBE VALVE SW CL800 SW BB OS&Y HO RENEWABLE SEAT RING ISO 15761	BODY: ASTM A182 GR.F316L & TRIM NO.10	1"	1	1	
13	GATE VALVE NPT CL800 SCREWED BONNET HO SOLID WEDGE RENEWABLE SEAT RING BS 5154	BODY: ASTM B148 UNS C95800 & TRIM: ALUMINIUM BRONZE	1"	8	8	

14	CHECK VALVE SW CL800 SW BC LIFT TYPE PISTON TYPE RENEWABLE SEAT RING ISO 15761	BODY: ASTM A105 & TRIM NO.12 NACE MR0175	1 1/2"	1	1	
15	BALL VALVE SW CL800 RB BB FLOATING BALL TWO PIECES SOFT SEAT LO RENEWABLE SEAT RING WITH TWO PIECE	BODY: ASTM A105 , BALL: SS316 & TRIM: 316+RPTFE NACE MR0175	1 1/2"	1	1	
16	GATE VALVE SW/NPT CL800 SW BB OS&Y HO SOLID WEDGE RENEWABLE SEAT RING API602	BODY: ASTM A182 GR.F316L & TRIM NO.10	1 1/2"	1	1	
17	CHECK VALVE FLGD RF CL150 BC SWING TYPE BS 5154	BODY & TRIM: ASTM B148 UNS C95800	2"	4	4	
18	BALL VALVE FLGD RF CL150 RB BB FLOATING BALL SOFT SEAT LO RENEWABLE SEAT RING API 6D	BODY, TRIM & BALL: ASTM B148 UNS C95800 , SEAT:PTFE	2"	6	6	
19	CHECK VALVE FLGD RF CL150 BC SWING TYPE BS 1868 API 6D	BODY: ASTM A216 GR.WCB & TRIM NO.12	2"	9	9	
20	GATE VALVE FLGD RF CL150 BB OS&Y FLEXIBLE WEDGE HO RENEWABLE SEAT RING API 600	BODY: ASTM A216 GR.WCB & TRIM NO.12	2"	17	17	
21	GLOBE VALVE FLGD RF CL150 BB OS&Y HO RENEWABLE SEAT RING BS 1873	BODY: ASTM A216 GR.WCB & TRIM NO.12	2"	1	1	
22	CHECK VALVE FLGD RF CL150 BC SWING TYPE BS 1868 API 6D	BODY: ASTM A216 GR.WCB & TRIM NO.12 NACE MR0175	2"	19	19	
23	CHECK VALVE FLGD RF CL300 BC SWING TYPE BS 1868 API 6D	BODY: ASTM A216 GR.WCB & TRIM NO.12 NACE MR0175	2"	3	3	
24	CHECK VALVE FLGD RF CL600 BC SWING TYPE BS 1868 API 6D	BODY: ASTM A216 GR.WCB & TRIM NO.12 NACE MR0175	2"	3	3	
25	GATE VALVE FLGD RF CL150 BB OS&Y FLEXIBLE WEDGE HO RENEWABLE SEAT RING API 600	BODY: ASTM A216 GR.WCB & TRIM NO.12 NACE MR0175	2"	18	18	
26	GLOBE VALVE FLGD RF CL150 BB OS&Y HO RENEWABLE SEAT RING BS 1873	BODY: ASTM A216 GR.WCB & TRIM NO.12 NACE MR0175	2"	12	12	
27	GLOBE VALVE FLGD RF CL300 BB OS&Y HO RENEWABLE SEAT RING BS 1873	BODY: ASTM A216 GR.WCB & TRIM NO.12 NACE MR0175	2"	6	6	
28	GLOBE VALVE FLGD RF CL600 BB OS&Y HO RENEWABLE SEAT RING BS 1873	BODY: ASTM A216 GR.WCB & TRIM NO.12 NACE MR0175	2"	5	5	
29	CHECK VALVE FLGD RF CL150 BC SWING TYPE BS 1868 API 6D	BODY: ASTM A216 GR.WCB & TRIM NO.8	2"	5	5	
30	GATE VALVE FLGD RF CL150 BB OS&Y FLEXIBLE WEDGE HO RENEWABLE SEAT RING API 600	BODY: ASTM A216 GR.WCB & TRIM NO.8	2"	13	13	
31	GLOBE VALVE FLGD RF CL150 BB OS&Y HO CAR SEALED RENEWABLE SEAT RING BS 1873	BODY: ASTM A216 GR.WCB & TRIM NO.8	2"	1	1	
32	GLOBE VALVE FLGD RF CL150 BB OS&Y HO RENEWABLE SEAT RING BS 1873	BODY: ASTM A216 GR.WCB & TRIM NO.8	2"	1	1	
33	BALL VALVE FLGD RF CL150 RB BB FLOATING BALL SOFT SEAT LO RENEWABLE SEAT RING API 6D	BODY: ASTM A216 WCB, BALL: 13%CR & TRIM: 13%CR+RPTFE	2"	6	6	

34	BALL VALVE FLGD RF CL150 RB BB FLOATING BALL SOFT SEAT LO RENEWABLE SEAT RING API 6D	BODY: ASTM A216 WCB, BALL: SS316 & TRIM: 316+RPTFE	2"	3	3	
35	BALL VALVE FLGD RF CL150 RB BB FLOATING BALL SOFT SEAT LO RENEWABLE SEAT RING API 6D	BODY: ASTM A216 WCB, BALL: SS316 & TRIM: 316+RPTFE NACE MR0175	2"	34	34	
36	BALL VALVE FLGD RF CL300 RB BB TRUNNION MOUNTED SOFT SEAT LO RENEWABLE SEAT RING API 6D	BODY: ASTM A216 WCB, BALL: SS316 & TRIM: 316+RPTFE NACE MR0175	2"	21	21	
37	BALL VALVE FLGD RF CL600 RB BB TRUNNION MOUNTED SOFT SEAT LO RENEWABLE SEAT RING API 6D	BODY: ASTM A216 WCB, BALL: SS316 & TRIM: 316+RPTFE NACE MR0175	2"	21	21	
38	CHECK VALVE FLGD RF CL600 BC SWING TYPE BS 1868 API 6D	BODY: ASTM A351 GR.CF3M & TRIM NO.10	2"	1	1	
39	GATE VALVE FLGD RF CL150 BB OS&Y FLEXIBLE WEDGE HO RENEWABLE SEAT RING API 600	BODY: ASTM A351 GR.CF3M & TRIM NO.10	2"	12	12	
40	GATE VALVE FLGD RF CL300 BB OS&Y FLEXIBLE WEDGE HO RENEWABLE SEAT RING API 600	BODY: ASTM A351 GR.CF3M & TRIM NO.10	2"	9	9	
41	GATE VALVE FLGD RF CL600 BB OS&Y FLEXIBLE WEDGE HO RENEWABLE SEAT RING API 600	BODY: ASTM A351 GR.CF3M & TRIM NO.10	2"	5	5	
42	GLOBE VALVE FLGD RF CL150 BB OS&Y HO RENEWABLE SEAT RING BS 1873	BODY: ASTM A351 GR.CF3M & TRIM NO.10	2"	3	3	
43	GLOBE VALVE FLGD RF CL300 BB OS&Y HO RENEWABLE SEAT RING BS 1873	BODY: ASTM A351 GR.CF3M & TRIM NO.10	2"	3	3	
44	GLOBE VALVE FLGD RF CL600 BB OS&Y HO RENEWABLE SEAT RING BS 1873	BODY: ASTM A351 GR.CF3M & TRIM NO.10	2"	2	2	
45	BALL VALVE FLGD RF CL600 RB BB TRUNNION MOUNTED SOFT SEAT LO RENEWABLE SEAT RING AP	BODY: ASTM A351 GR.CF3M , BALL: SS316 & TRIM: 316+RPTFE	2"	9	9	
46	GATE VALVE FLGD RF CL150 BB OS&Y FLEXIBLE WEDGE CAR SEALED HO RENEWABLE SEAT RING BS 5154	BODY: ASTM B148 UNS C95800 & TRIM: ALUMINIUM BRONZE	2"	1	1	
47	GATE VALVE FLGD RF CL150 BB OS&Y FLEXIBLE WEDGE HO RENEWABLE SEAT RING BS 5154	BODY: ASTM B148 UNS C95800 & TRIM: ALUMINIUM BRONZE	2"	7	7	
48	GLOBE VALVE FLGD RF CL150 BB OS&Y HO RENEWABLE SEAT RING BS 5154	BODY: ASTM B148 UNS C95800 & TRIM: ALUMINIUM BRONZE	2"	1	1	
49	GATE VALVE FLGD RF CL150 BB OS&Y FLEXIBLE WEDGE HO RENEWABLE SEAT RING API 600	BODY: ASTM A216 GR.WCB & TRIM NO.12	3"	7	7	
50	CHECK VALVE FLGD RF CL300 BC SWING TYPE BS 1868 API 6D	BODY: ASTM A216 GR.WCB & TRIM NO.12 NACE MR0175	3"	2	2	
51	GATE VALVE FLGD RF CL300 BB OS&Y FLEXIBLE WEDGE HO RENEWABLE SEAT RING API 600	BODY: ASTM A216 GR.WCB & TRIM NO.12 NACE MR0175	3"	4	4	
52	GLOBE VALVE FLGD RF CL300 BB OS&Y HO RENEWABLE SEAT RING BS 1873	BODY: ASTM A216 GR.WCB & TRIM NO.12 NACE MR0175	3"	1	1	
53	GLOBE VALVE FLGD RF CL600 BB OS&Y HO RENEWABLE SEAT RING BS 1873	BODY: ASTM A216 GR.WCB & TRIM NO.12 NACE MR0175	3"	1	1	

54	BALL VALVE FLGD RF CL150 RB BB FLOATING BALL SOFT SEAT LO RENEWABLE SEAT RING API 6D	BODY: ASTM A216 WCB, BALL: SS316 & TRIM: 316+RPTFE NACE MR0175	3"	8	8	
55	BALL VALVE FLGD RF CL300 RB BB TRUNNION MOUNTED SOFT SEAT LO RENEWABLE SEAT RING API 6D	BODY: ASTM A216 WCB, BALL: SS316 & TRIM: 316+RPTFE NACE MR0175	3"	3	3	
56	GATE VALVE FLGD RF CL150 BB OS&Y FLEXIBLE WEDGE HO RENEWABLE SEAT RING API 600	BODY: ASTM A351 GR.CF3M & TRIM NO.10	3"	1	1	
57	GATE VALVE FLGD RF CL150 BB OS&Y FLEXIBLE WEDGE HO RENEWABLE SEAT RING API 600	BODY: ASTM A216 GR.WCB & TRIM NO.12	4"	1	1	
58	GATE VALVE FLGD RF CL300 BB OS&Y FLEXIBLE WEDGE HO RENEWABLE SEAT RING API 600	BODY: ASTM A216 GR.WCB & TRIM NO.12 NACE MR0175	4"	1	1	
59	GATE VALVE FLGD RF CL600 BB OS&Y FLEXIBLE WEDGE HO RENEWABLE SEAT RING API 600	BODY: ASTM A216 GR.WCB & TRIM NO.12 NACE MR0175	4"	2	2	
60	GLOBE VALVE FLGD RF CL600 BB OS&Y HO RENEWABLE SEAT RING BS 1873	BODY: ASTM A216 GR.WCB & TRIM NO.12 NACE MR0175	4"	2	2	
61	BALL VALVE FLGD RF CL600 RB BB TRUNNION MOUNTED SOFT SEAT LO RENEWABLE SEAT RING API 6D	BODY: ASTM A216 WCB, BALL: SS316 & TRIM: 316+RPTFE NACE MR0175	4"	1	1	
62	GATE VALVE FLGD RF CL150 BB OS&Y FLEXIBLE WEDGE HO RENEWABLE SEAT RING API 600	BODY: ASTM A351 GR.CF3M & TRIM NO.10	4"	3	3	
63	BALL VALVE FLGD RF CL600 RB BB TRUNNION MOUNTED SOFT SEAT LO RENEWABLE SEAT RING API 6D	BODY: ASTM A351 GR.CF3M , BALL: SS316 & TRIM: 316+RPTFE	4"	6	6	
64	CHECK VALVE FLGD RF CL600 BC SWING TYPE BS 1868 API 6D	BODY: ASTM A216 GR.WCB & TRIM NO.12 NACE MR0175	6"	4	4	
65	CHECK VALVE FLGD RF CL150 BC SWING TYPE BS 1868 API 6D	BODY: ASTM A216 GR.WCB & TRIM NO.12 NACE MR0175	6"	1	1	
66	GATE VALVE FLGD RF CL150 BB OS&Y FLEXIBLE WEDGE HO RENEWABLE SEAT RING API 600	BODY: ASTM A216 GR.WCB & TRIM NO.12 NACE MR0175	6"	1	1	
67	GATE VALVE FLGD RF CL600 BB OS&Y FLEXIBLE WEDGE HO RENEWABLE SEAT RING API 600	BODY: ASTM A216 GR.WCB & TRIM NO.12 NACE MR0175	6"	5	5	
68	GLOBE VALVE FLGD RF CL150 BB OS&Y HO RENEWABLE SEAT RING BS 1873	BODY: ASTM A216 GR.WCB & TRIM NO.12 NACE MR0175	6"	2	2	
69	GLOBE VALVE FLGD RF CL600 BB OS&Y GO RENEWABLE SEAT RING BS 1873	BODY: ASTM A216 GR.WCB & TRIM NO.12 NACE MR0175	6"	1	1	
70	GATE VALVE FLGD RF CL150 BB OS&Y FLEXIBLE WEDGE HO RENEWABLE SEAT RING API 600	BODY: ASTM A216 GR.WCB & TRIM NO.8	6"	4	4	
71	BALL VALVE FLGD RF CL150 RB BB TRUNNION MOUNTED SOFT SEAT LO RENEWABLE SEAT	BODY: ASTM A216 WCB, BALL: SS316 & TRIM: 316+RPTFE NACE MR0175	6"	13	13	
72	BALL VALVE FLGD RF CL600 RB BB TRUNNION MOUNTED SOFT SEAT GO RENEWABLE SEAT RING API 6D	BODY: ASTM A216 WCB, BALL: SS316 & TRIM: 316+RPTFE NACE MR0175	6"	2	2	

73	GATE VALVE FLGD RF CL600 BB OS&Y FLEXIBLE WEDGE HO RENEWABLE SEAT RING API 600	BODY: ASTM A351 GR.CF3M & TRIM NO.10	6"	1	1	
74	BALL VALVE FLGD RF CL600 RB BB TRUNNION MOUNTED SOFT SEAT GO RENEWABLE SEAT RING API 6D	BODY: ASTM A351 GR.CF3M , BALL: SS316 & TRIM: 316+RPTFE	6"	9	9	
75	CHECK VALVE FLGD RF CL300 BC SWING TYPE BS 1868 API 6D	BODY:ASTM A216 GR. WCB NACE MR 0175	6"	3	3	
76	CHECK VALVE FLGD RF CL150 BC SWING TYPE BS 1868 API 6D	BODY: ASTM A216 GR.WCB & TRIM NO.12 NACE MR0175	8"	1	1	
77	CHECK VALVE FLGD RF CL600 BC SWING TYPE BS 1868 API 6D	BODY: ASTM A216 GR.WCB & TRIM NO.12 NACE MR0175	8"	2	2	
78	GLOBE VALVE FLGD RF CL600 BB OS&Y GO RENEWABLE SEAT RING BS 1873	BODY: ASTM A216 GR.WCB & TRIM NO.12 NACE MR0175	8"	1	1	
79	BALL VALVE FLGD RF CL150 RB BB TRUNNION MOUNTED SOFT SEAT LO RENEWABLE SEAT RING API 6D	BODY: ASTM A216 WCB, BALL: SS316 & TRIM: 316+RPTFE NACE MR0175	8"	8	8	
80	BALL VALVE FLGD RF CL600 RB BB TRUNNION MOUNTED SOFT SEAT GO RENEWABLE SEAT RING API 6D	BODY: ASTM A216 WCB, BALL: SS316 & TRIM: 316+RPTFE NACE MR0175	8"	5	5	
81	CHECK VALVE FLGD RF CL150 BC SWING TYPE BS 1868 API 6D	BODY: ASTM A216 GR.WCB & TRIM NO.12	10"	2	2	
82	GATE VALVE FLGD RF CL150 BB OS&Y FLEXIBLE WEDGE HO RENEWABLE SEAT RING API 600	BODY: ASTM A216 GR.WCB & TRIM NO.12	10"	13	13	
83	CHECK VALVE FLGD RF CL150 BC SWING TYPE BS 1868 API 6D	BODY: ASTM A216 GR.WCB & TRIM NO.12 NACE MR0175	10"	1	1	
84	BALL VALVE FLGD RF CL150 RB BB TRUNNION MOUNTED SOFT SEAT GO RENEWABLE SEAT RING API 6D	BODY: ASTM A216 WCB, BALL: SS316 & TRIM: 316+RPTFE NACE MR0175	10"	3	3	
85	GLOBE VALVE CL600 FLGD RF SMOOTH FINISH TR:13CR BB-BG-OS&Y GO SWIVEL PLUG DISC RENEWABLE SEAT BS1873 ASME B16.10 B16.34	BODY: ASTM A216 GR.WCB & TRIM NO.12 NACE MR0175	10"	1	1	
86	GATE VALVE FLGD FF CL150 BB OS&Y SOLID WEDGE HO RENEWABLE SEAT RING ASME B16.34	ALU-BRO	10"	2	2	
87	BALL VALVE FLGD RF CL600 RB BB TRUNNION MOUNTED SOFT SEAT GO RENEWABLE SEAT RING API 6D	BODY: ASTM A216 WCB, BALL: SS316 & TRIM: 316+RPTFE NACE MR0175	10"	2	2	
88	GATE VALVE FLGD RF CL150 BB OS&Y FLEXIBLE WEDGE GO RENEWABLE SEAT RING API 600	BODY: ASTM A216 GR.WCB & TRIM NO.12	12"	8	8	