
 NISOC	نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض								
	احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک DATA SHEETS FOR MANUAL VALVES								
شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴	پروژه BK	بسته کاری GCS	صادر کننده PEDCO	تسهیلات 120	رشته PI	نوع مدرک DT	سریال 0002	نسخه D02	شماره صفحه: ۱ از ۷۰

نگهداشت و افزایش تولید میدان نفتی بینک

DATA SHEETS FOR MANUAL VALVES

نگهداشت و افزایش تولید میدان نفتی بینک

D02	AUG.2023	IFA	M.Noori	M.Fakharian	A.M.Mohseni	
D01	FEB.2023	IFA	M.Noori	M.Fakharian	M.Mehrshad	
D00	JUL.2022	IFC	F.Mosayebnejad	M.Fakharian	M.Mehrshad	
Rev.	Date	Purpose of Issue / Status	Prepared by:	Checked by:	Approved by:	CLIENT Approval
Class: 1		CLIENT Doc. Number: F0Z-708885				

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								
	DATA SHEETS FOR MANUAL VALVES								
شماره پیمان: ۹۱۸۴ - ۰۷۳ - ۰۵۳	پروژه BK	بسته کاری GCS	صادر کننده PEDCO	تسهیلات 120	رشته PI	نوع مدرک DT	سریال 0002	نسخه D02	شماره صفحه: ۷۰ از ۲



REVISION RECORD SHEET



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



	<p>تکهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p>احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>		 					
شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴	DATA SHEETS FOR MANUAL VALVES							شماره صفحه: ۷۰ از ۳
	پروژه BK	بسته کاری GCS	صادر کننده PEDCO	تسهیلات 120	رشته PI	نوع مدرک DT	سریال 0002	نسخه D02
TAG NO: MV-CHK-F08A								
GENERAL DATA								
Type of Valve: Pattern: Valve Size Range: Piping Class & C.A: NACE MR0175/ISO15156 Compliance					Check Piston Lift Type 1/2 ~ 1 1/2 inch AN01 & C.A: 1 No			
CODE & STANDARD								
Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:					API 602 / BS EN ISO 15761 ASME B16.10 API 6FA As per API 598			
DESIGN DATA								
Pressure Rating: Design Pressure: Design Temperature: Body Construction: End Connection: Finishing:					800# 18.2 BARG 85 °C Forged SW NA			
MATERIAL								
Body/Cover Trim Cover Stem: Disc Seat: Body Seat: Packing: Gland: Bolt & Nut: Gasket Bonnet:					ASTM A105 13Cr + Stellite 6 (Trim No.8) BC NA 13Cr Stellite 6 NA NA ASTM A193 Gr.B7/ASTM A194 Gr.2H VTA			
<p>General Note:</p> <ol style="list-style-type: none"> 1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2. Inner or outer leakage is not acceptable. 3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7. All valve shall have a fire-safe design. 8. Valves shall be fully painted at vendor shop as per BK-GNRAL-PEDCO-000-PI-SP-0006. 								




 <p>NISOC</p>	<p>نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p>احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>							
شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴	DATA SHEETS FOR MANUAL VALVES				شماره صفحه: ۴ از ۷۰			
	پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
	BK	GCS	PEDCO	120	PI	DT	0002	D02
TAG NO: MV-CHK-F08B								
GENERAL DATA								
Type of Valve: Pattern: Valve Size Range: Piping Class & C.A: NACE MR0175/ISO15156 Compliance					Check Piston Lift Type 1/2 ~ 1 1/2 inch AN04, AN05, AN07, CN05, CN07, FN05 & FN07 & C.A: 6 Yes (Excpet for AN04)			
CODE & STANDARD								
Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:					API 602 / BS EN ISO 15761 ASME B16.10 API 6FA As per API 598			
DESIGN DATA								
Pressure Rating: Design Pressure: Design Temperature: Body Construction: End Connection: Finishing:					800# 90 BARG 175 °C Forged SW NA			
MATERIAL								
Body/Cover Trim Cover/Bonnet: Stem: Disc Seat: Body Seat: Packing: Gland: Bolt & Nut: Gasket Bonnet:					ASTM A105 18Cr-8Ni-Mo/Stellite 6 (Trim No. 12) BC NA 18Cr-8Ni-Mo Stellite 6 NA NA ASTM A193 Gr.B7M/ASTM A194 Gr.2HM VTA			
General Note: 1.Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2.Inner or outer leakage is not acceptable. 3.There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7.All valve shall have a fire-safe design. 8. Valves shall be fully painted at vendor shop as per BK-GNRAL-PEDCO-000-PI-SP-0006.								




 <p>NISOC</p>	<p>نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p>احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>							
شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴	DATA SHEETS FOR MANUAL VALVES							شماره صفحه: ۵ از ۷۰
	پروژه	بسته کاری	صادر کننده	تسهيلات	رشته	نوع مدرک	سریال	نسخه
	BK	GCS	PEDCO	120	PI	DT	0002	D02
TAG NO: MV-CHK-F08S								
GENERAL DATA								
Type of Valve: Pattern: Valve Size Range: Piping Class & C.A: NACE MR0175/ISO15156 Compliance					Check Piston Lift Type 1/2 ~ 1 1/2 inch AS00, CS00 & FS00 & C.A: 0 Yes			
CODE & STANDARD								
Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:					API 602 / BS EN ISO 15761 ASME B16.10 API 6FA As per API 598			
DESIGN DATA								
Pressure Rating: Design Pressure: Design Temperature: Body Construction: End Connection: Finishing:					800# 62.4 BARG 175 °C Forged SW NA			
MATERIAL								
Body/Cover Trim Cover/Bonnet: Stem: Disc Seat: Body Seat: Packing: Gland: Bolt & Nut: Gasket Bonnet:					ASTM A182 F316L 18Cr-8Ni-Mo (Trim No. 10) BC NA 18Cr-8Ni-Mo 18Cr-8Ni-Mo NA NA ASTM A193 Gr.8.8M/ASTM A194 Gr.8M VTA			
General Note: 1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2. Inner or outer leakage is not acceptable. 3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7. All valve shall have a fire-safe design.								



 <p>NISOC</p>	<p>نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p>احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>								
شماره پیمان:	DATA SHEETS FOR MANUAL VALVES								شماره صفحه: ۶ از ۷۰
۰۵۳ - ۰۷۳ - ۹۱۸۴	پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه	
	BK	GCS	PEDCO	120	PI	DT	0002	D02	
TAG NO: MV-CHK-F08AZ									
GENERAL DATA									
Type of Valve: Pattern: Valve Size Range: Piping Class & C.A: NACE MR0175/ISO15156 Compliance					Check Piston Lift Type 1/2 ~ 1 1/2 inch AZ00 & C.A: 0 No				
CODE & STANDARD									
Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:					BS 5154 ASME B16.10 API 6FA As per API 598				
DESIGN DATA									
Pressure Rating: Design Pressure: Design Temperature: Body Construction: End Connection: Finishing:					800# 18.2 BARG 85 °C Forged NPT TRD				
MATERIAL									
Body/Bonnet Trim Cover/Bonnet: Stem: Disc Seat: Body Seat: Packing: Gland: Bolt & Nut: Bonnet Gasket:					ASTM B148 UNS C95800 ASTM B148 UNS C95800 Screwed Bonnet NA ASTM B148 UNS C95800 VTA NA NA ASTM A193 Gr.B7/ASTM A194 Gr.2H (Galvanized) VTA				
General Note: 1.Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2.Inner or outer leakage is not acceptable. 3.There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7.All valve shall have a fire-safe design.									





 <p>NISOC</p>	<p>نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p>احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>								
شماره پیمان:	DATA SHEETS FOR MANUAL VALVES								شماره صفحه: ۷ از ۷۰
۰۵۳ - ۰۷۳ - ۹۱۸۴	پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه	
	BK	GCS	PEDCO	120	PI	DT	0002	D02	
TAG NO: MV-CHK-C08BZ									
GENERAL DATA									
Type of Valve: Pattern: Valve Size Range: Piping Class & C.A: NACE MR0175/ISO15156 Compliance					Check Swing Type 2~4 inch AZ00 & C.A: 0 No				
CODE & STANDARD									
Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:					BS 5154 ASME B16.10 API 6FA As per API 598				
DESIGN DATA									
Pressure Rating: Design Pressure: Design Temperature: Body Construction: End Connection: Finishing:					150# 18.2 BARG 85 °C Casting FLGD RF				
MATERIAL									
Body/Bonnet Trim Cover/Bonnet: Stem: Disc Seat: Body Seat: Packing: Gland: Bolt & Nut: Bonnet Gasket:					ASTM B148 UNS C95800 ASTM B148 UNS C95800 Screwed Bonnet NA ASTM B148 UNS C95800 VTA NA NA ASTM A193 Gr.B7/ASTM A194 Gr.2H (Galvanized) VTA				
General Note: 1.Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2.Inner or outer leakage is not acceptable. 3.There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7.All valve shall have a fire-safe design.									




 NISOC	<p style="text-align: center;">نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p style="text-align: center;">احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>							
شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴	DATA SHEETS FOR MANUAL VALVES							شماره صفحه: ۸ از ۷۰
	پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
	BK	GCS	PEDCO	120	PI	DT	0002	D02
TAG NO: MV-CHK-C01A								
GENERAL DATA								
Type of Valve: Pattern: Valve Size Range: Piping Class & C.A: NACE MR0175/ISO15156 Compliance					Check Swing Type 2 ~ 24 inch AN01 & C.A: 1 No			
CODE & STANDARD								
Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:					BS 1868/API 6D ASME B16.10 API 6FA As per API 598			
DESIGN DATA								
Pressure Rating: Design Pressure: Design Temperature: Body Construction: End Connection: Finishing:					150# 18.2 BARG 85 °C Casting FLGD (In acc. with ASME B16.5) RF			
MATERIAL								
Body/Cover Trim Cover/Bonnet: Stem: Disc Seat: Body Seat: Packing: Gland: Bolt & Nut: Gasket Bonnet:					ASTM A216 WCB 13Cr + Stellite 6 (Trim No.8) BC NA 13Cr Stellite 6 NA NA ASTM A193 Gr.B7/ASTM A194 Gr.2H VTA			
General Note: <ol style="list-style-type: none"> 1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2. Inner or outer leakage is not acceptable. 3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7. All valve shall have a fire-safe design. 8. Valves shall be fully painted at vendor shop as per BK-GNRAL-PEDCO-000-PI-SP-0006. 9. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs. 								




 NISOC	<p style="text-align: center;">نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p style="text-align: center;">احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>						 	
شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴	DATA SHEETS FOR MANUAL VALVES							شماره صفحه: ۹ از ۷۰
	پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
	BK	GCS	PEDCO	120	PI	DT	0002	D02
TAG NO: MV-CHK-C01B								
GENERAL DATA								
Type of Valve: Pattern: Valve Size Range: Piping Class & C.A: NACE MR0175/ISO15156 Compliance					Check Swing Type 2 ~ 24 inch AN04, AN05 & AN07 & C.A: 6 Yes (Excpet for AN04)			
CODE & STANDARD								
Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:					API 594 ASME B16.10 API 6FA As per API 598			
DESIGN DATA								
Pressure Rating: Design Pressure: Design Temperature: Body Construction: End Connection: Finishing:					150# 18.2 BARG 85 °C Casting FLGD (In acc. with ASME B16.5) RF			
MATERIAL								
Body/Cover Trim Cover/Bonnet: Stem: Disc Seat: Body Seat: Packing: Gland: Bolt & Nut: Gasket Bonnet:					ASTM A216 WCB 18Cr-8Ni-Mo/Stellite 6 (Trim No. 12) BC NA 18Cr-8Ni-Mo Stellite 6 NA NA ASTM A193 Gr.B7M/ASTM A194 Gr.2HM VTA			
General Note: 1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2. Inner or outer leakage is not acceptable. 3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7. All valve shall have a fire-safe design. 8. Valves shall be fully painted at vendor shop as per BK-GNRAL-PEDCO-000-PI-SP-0006. 9. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs.								

 <p>NISOC</p>	<p>نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p>احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>						 	
شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴	DATA SHEETS FOR MANUAL VALVES						شماره صفحه: ۱۰ از ۲۰	
	پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
	BK	GCS	PEDCO	120	PI	DT	0002	D02
TAG NO: MV-CHK-C015								
GENERAL DATA								
Type of Valve: Pattern: Valve Size Range: Piping Class & C.A: NACE MR0175/ISO15156 Compliance					Check Swing Type 2 ~ 24 inch AS00 & C.A: 0 Yes			
CODE & STANDARD								
Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:					API 594 ASME B16.10 API 6FA As per API 598			
DESIGN DATA								
Pressure Rating: Design Pressure: Design Temperature: Body Construction: End Connection: Finishing:					150# 13.9 BARG 85 °C Casting FLGD (In acc. with ASME B16.5) RF			
MATERIAL								
Body/Cover Trim Cover/Bonnet: Stem: Disc Seat: Body Seat: Packing: Gland: Bolt & Nut: Gasket Bonnet:					ASTM A351 CF3M 18Cr-8Ni-Mo (Trim No. 10) BC NA 18Cr-8Ni-Mo 18Cr-8Ni-Mo NA NA ASTM A193 Gr.B8M/ASTM A194 Gr.8M VTA			
General Note: 1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2. Inner or outer leakage is not acceptable. 3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7. All valve shall have a fire-safe design. 8. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs.								

	نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک																									
شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴	<table border="1"> <tr> <th colspan="8">DATA SHEETS FOR MANUAL VALVES</th> </tr> <tr> <th>نسخه</th> <th>سریال</th> <th>نوع مدرک</th> <th>رشته</th> <th>تسهیلات</th> <th>صادر کننده</th> <th>بسته کاری</th> <th>پروژه</th> </tr> <tr> <td>D02</td> <td>0002</td> <td>DT</td> <td>PI</td> <td>120</td> <td>PEDCO</td> <td>GCS</td> <td>BK</td> </tr> </table>	DATA SHEETS FOR MANUAL VALVES								نسخه	سریال	نوع مدرک	رشته	تسهیلات	صادر کننده	بسته کاری	پروژه	D02	0002	DT	PI	120	PEDCO	GCS	BK	شماره صفحه: ۱۱ از ۷۰
DATA SHEETS FOR MANUAL VALVES																										
نسخه	سریال	نوع مدرک	رشته	تسهیلات	صادر کننده	بسته کاری	پروژه																			
D02	0002	DT	PI	120	PEDCO	GCS	BK																			
TAG NO: MV-CHK-C03																										
GENERAL DATA																										
Type of Valve: Pattern: Valve Size Range: Piping Class & C.A: NACE MR0175/ISO15156 Compliance		Check Swing Type 2 ~ 24 inch CN05 & CN07 & C.A: 6 Yes																								
CODE & STANDARD																										
Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:		API 594 ASME B16.10 API 6FA As per API 598																								
DESIGN DATA																										
Pressure Rating: Design Pressure: Design Temperature: Body Construction: End Connection: Finishing:		300# 47.7 BARG 155 °C Casting FLGD RF																								
MATERIAL																										
Body/Cover Trim Cover/Bonnet: Stem: Disc Seat: Body Seat: Packing: Gland: Bolt & Nut: Gasket Bonnet:		ASTM A216 WCB 18Cr-8Ni-Mo/Stellite 6 (Trim No. 12) BC NA 18Cr-8Ni-Mo Stellite 6 NA NA ASTM A193 Gr.B7M/ASTM A194 Gr.2HM VTA																								
General Note: 1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2. Inner or outer leakage is not acceptable. 3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7. All valve shall have a fire-safe design. 8. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006. 9. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs.																										

 NISOC	<p style="text-align: center;">نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p style="text-align: center;">احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>						  	
شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴	DATA SHEETS FOR MANUAL VALVES						شماره صفحه: ۱۲ از ۲۰	
	پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
	BK	GCS	PEDCO	120	PI	DT	0002	D02
TAG NO: MV-CHK-C03S								
GENERAL DATA								
Type of Valve: Pattern: Valve Size Range: Piping Class & C.A: NACE MR0175/ISO15156 Compliance						Check Swing Type 2 ~ 24 inch CS00 & C.A: 0 Yes		
CODE & STANDARD								
Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:						API 594 ASME B16.10 API 6FA As per API 598		
DESIGN DATA								
Pressure Rating: Design Pressure: Design Temperature: Body Construction: End Connection: Finishing:						300# 30.3 BARG 155 °C Casting FLGD (In acc. with ASME B16.5) RF		
MATERIAL								
Body/Cover Trim Cover/Bonnet: Stem: Disc Seat: Body Seat: Packing: Gland: Bolt & Nut: Gasket Bonnet:						ASTM A351 CF3M 18Cr-8Ni-Mo(Trim No. 10) BC NA 18Cr-8Ni-Mo 18Cr-8Ni-Mo NA NA ASTM A193 Gr.B8M/ASTM A194 Gr.8M VTA		
General Note: <ol style="list-style-type: none"> 1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2. Inner or outer leakage is not acceptable. 3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7. All valve shall have a fire-safe design. 8. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs. 								

 <p>NISOC</p>	<p>نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p>احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>		 																					
<p>شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴</p>	<p>DATA SHEETS FOR MANUAL VALVES</p> <table border="1"> <tr> <td>پروژه</td> <td>بسته کاری</td> <td>صادر کننده</td> <td>تسهیلات</td> <td>رشته</td> <td>نوع مدرک</td> <td>سریال</td> <td>نسخه</td> </tr> <tr> <td>BK</td> <td>GCS</td> <td>PEDCO</td> <td>120</td> <td>PI</td> <td>DT</td> <td>0002</td> <td>D02</td> </tr> </table>							پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه	BK	GCS	PEDCO	120	PI	DT	0002	D02	<p>شماره صفحه: ۱۳ از ۷۰</p>
پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه																	
BK	GCS	PEDCO	120	PI	DT	0002	D02																	
<p>TAG NO: MV-CHK-C06</p>																								
<p>GENERAL DATA</p>																								
<p>Type of Valve: Pattern: Valve Size Range: Piping Class & C.A: NACE MR0175/ISO15156 Compliance</p>					<p>Check Swing Type 2 ~ 12 inch FN05 & FN07 & C.A: 6 Yes</p>																			
<p>CODE & STANDARD</p>																								
<p>Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:</p>					<p>API 594 ASME B16.10 API 6FA As per API 598</p>																			
<p>DESIGN DATA</p>																								
<p>Pressure Rating: Design Pressure: Design Temperature: Body Construction: End Connection: Finishing:</p>					<p>600# 90 BARG 175 °C Casting FLGD RF</p>																			
<p>MATERIAL</p>																								
<p>Body/Cover Trim Cover/Bonnet: Stem: Disc Seat: Body Seat: Packing: Gland: Bolt & Nut: Gasket Bonnet:</p>					<p>ASTM A216 WCB 18Cr-8Ni-Mo/Stellite 6 (Trim No. 12) BC NA 18Cr-8Ni-Mo Stellite 6 NA NA ASTM A193 Gr.B7M/ASTM A194 Gr.2HM VTA</p>																			
<p>General Note:</p> <ol style="list-style-type: none"> 1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2. Inner or outer leakage is not acceptable. 3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7. All valve shall have a fire-safe design. 8. Valves shall be fully painted at vendor shop as per BK-GNRAL-PEDCO-000-PI-SP-0006. 9. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs. 																								

 NISOC	<p style="text-align: center;">نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p style="text-align: center;">احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>							 																								
شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴	<table border="1"> <thead> <tr> <th colspan="8">DATA SHEETS FOR MANUAL VALVES</th> </tr> <tr> <th>نسخه</th> <th>سریال</th> <th>نوع مدرک</th> <th>رشته</th> <th>تسهیلات</th> <th>صادر کننده</th> <th>بسته کاری</th> <th>پروژه</th> </tr> </thead> <tbody> <tr> <td>D02</td> <td>0002</td> <td>DT</td> <td>PI</td> <td>120</td> <td>PEDCO</td> <td>GCS</td> <td>BK</td> </tr> </tbody> </table>							DATA SHEETS FOR MANUAL VALVES								نسخه	سریال	نوع مدرک	رشته	تسهیلات	صادر کننده	بسته کاری	پروژه	D02	0002	DT	PI	120	PEDCO	GCS	BK	شماره صفحه: ۱۴ از ۲۰
DATA SHEETS FOR MANUAL VALVES																																
نسخه	سریال	نوع مدرک	رشته	تسهیلات	صادر کننده	بسته کاری	پروژه																									
D02	0002	DT	PI	120	PEDCO	GCS	BK																									
<p style="text-align: center;">TAG NO: MV-CHK-C06S</p>																																
<p style="text-align: center;">GENERAL DATA</p>																																
Type of Valve: Pattern: Valve Size Range: Piping Class & C.A: NACE MR0175/ISO15156 Compliance				Check Swing Type 2 ~ 24 inch FS00 & C.A: 0 Yes																												
<p style="text-align: center;">CODE & STANDARD</p>																																
Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:				API 594/ISO 15761 ASME B16.10 API 6FA As per API 598																												
<p style="text-align: center;">DESIGN DATA</p>																																
Pressure Rating: Design Pressure: Design Temperature: Body Construction: End Connection: Finishing:				600# 62.4 BARG 175 °C Casting FLGD (In acc. with ASME B16.5) RF																												
<p style="text-align: center;">MATERIAL</p>																																
Body/Cover Trim Cover/Bonnet: Stem: Disc Seat: Body Seat: Packing: Gland: Bolt & Nut: Gasket Bonnet:				ASTM A351 CF3M 18Cr-8Ni-Mo(Trim No. 10) BC NA 18Cr-8Ni-Mo 18Cr-8Ni-Mo NA NA ASTM A193 Gr.B8M/ASTM A194 Gr.8M VTA																												
<p>General Note:</p> <ol style="list-style-type: none"> 1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2. Inner or outer leakage is not acceptable. 3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7. All valve shall have a fire-safe design. 8. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs. 																																



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احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک



شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

DATA SHEETS FOR MANUAL VALVES

نسخه	سریال	نوع مدرک	رشته	تسهیلات	صادرکننده	پسته کاری	پروژه
D02	0002	DT	PI	120	PEDCO	GCS	BK

شماره صفحه: ۱۵ از ۷۰

TAG NO: MV-GAT-F08A

GENERAL DATA

Type of Valve:	Gate
Pattern:	Solid Wedge, H.W.OP
Valve Size Range:	1/2 ~ 1 1/2 inch
Piping Class & C.A:	AN01 & C.A: 1
NACE MR0175/ISO15156 Compliance	No

CODE & STANDARD

Design Code:	API602
Face to Face Dimensional:	ASME B16.10
Fire Testing:	API 6FA
Pressure Testing:	As per API 598

DESIGN DATA

Pressure Rating:	800#
Design Pressure:	18.2 BARG
Design Temperature:	85 °C
Body Construction:	Forged
End Connection:	SW & SW/FNPT
Finishing:	NA

MATERIAL

Body/Bonnet	ASTM A105
Trim:	13Cr + Stellite 6 (Trim No.8)
Cover/Bonnet:	BB
Stem:	NA
Body Seat Surface	Stellite 6
Gate Seat Surface	13Cr
Packing:	NA
Gland:	NA
Bolt & Nut:	ASTM A193 Gr.B7/ASTM A194 Gr.2H
Bonnet Gasket:	VTa

General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.
However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.
6. All valve data sheets shall be confirmed by vendor.
7. All valve shall have a fire-safe design.
8. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006.



نگهداشت و افزایش تولید میدان نفتی بینک
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شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

DATA SHEETS FOR MANUAL VALVES

نسخه	سریال	نوع مدرک	رشته	تسهیلات	صادرکننده	پسته کاری	پروژه
D02	0002	DT	PI	120	PEDCO	GCS	BK

شماره صفحه: ۱۶ از ۷۰

TAG NO: MV-GAT-F08B

GENERAL DATA

Type of Valve:	Gate
Pattern:	Solid Wedge, H.W.OP
Valve Size Range:	1/2 ~ 1 1/2 inch
Piping Class & C.A:	AN04, AN05, AN07, CN05, CN07, FN05 & FN07 & C.A: 6
NACE MR0175/ISO15156 Compliance	Yes (except for AN04)

CODE & STANDARD

Design Code:	API602
Face to Face Dimensional:	ASME B16.10
Fire Testing:	API 6FA
Pressure Testing:	As per API 598

DESIGN DATA




Pressure Rating:	800#
Design Pressure:	90 BARG
Design Temperature:	175 °C
Body Construction:	Forged
End Connection:	SW & SW/FNPT
Finishing:	NA



MATERIAL



Body/Bonnet	ASTM A105
Trim:	18Cr-8Ni-Mo/Stellite 6(Trim No. 12)
Cover/Bonnet:	BB
Stem:	18Cr-8Ni-Mo
Body Seat Surface	Stellite 6
Gate Seat Surface	18Cr-8Ni-Mo
Packing:	STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING
Gland:	VTA
Bolt & Nut:	ASTM A193 Gr.B7M/ASTM A194 Gr.2HM
Bonnet Gasket:	VTA



General Note:

- 1.Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
- 2.Inner or outer leakage is not acceptable.
- 3.There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.
However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
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- 7.All valve shall have a fire-safe design.
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	<p>نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p>احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>					 				
شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴	DATA SHEETS FOR MANUAL VALVES							شماره صفحه: ۱۷ از ۷۰		
	پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه		
	BK	GCS	PEDCO	120	PI	DT	0002	D02		
TAG NO: MV-GAT-F08S										
GENERAL DATA										
Type of Valve: Pattern: Valve Size Range: Piping Class & C.A: NACE MR0175/ISO15156 Compliance						Gate Solid Wedge, H.W.OP 1/2 ~ 1 1/2 inch AS00, CS00 & FS00 & C.A: 0 Yes				
CODE & STANDARD										
Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:						API602 ASME B16.10 API 6FA As per API 598				
DESIGN DATA										
Pressure Rating: Design Pressure: Design Temperature: Body Construction: End Connection: Finishing:						800# 62.4 BARG 175 °C Forged SW & SW/FNPT NA				
MATERIAL										
Body/Bonnet Trim: Cover/Bonnet: Stem: Body Seat Surface Gate Seat Surface Packing: Gland: Bolt & Nut: Bonnet Gasket:						ASTM A182 F316L 18Cr-8Ni-Mo(Trim No. 10) BB 18Cr-8Ni-Mo 18Cr-8Ni-Mo 18Cr-8Ni-Mo STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING VTA ASTM A193 Gr.B8M/ASTM A194 Gr.8M VTA				
<p>General Note:</p> <ol style="list-style-type: none"> 1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2. Inner or outer leakage is not acceptable. 3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7. All valve shall have a fire-safe design. 										

 <p>NISOC</p>	<p>نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p>احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>								
شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴	DATA SHEETS FOR MANUAL VALVES								شماره صفحه: ۱۸ از ۷۰
	پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه	
	BK	GCS	PEDCO	120	PI	DT	0002	D02	
TAG NO: MV-GAT-F08AZ									
GENERAL DATA									
Type of Valve: Pattern: Valve Size Range: Piping Class & C.A: NACE MR0175/ISO15156 Compliance					Gate Solid Wedge, H.W.OP 1/2 ~ 1 1/2 inch AZ00 & C.A: 0 No				
CODE & STANDARD									
Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:					BS 5154 ASME B16.10 API 6FA As per API 598				
DESIGN DATA									
Pressure Rating: Design Pressure: Design Temperature: Body Construction: End Connection: Finishing:					800# 18.2 BARG 85 °C Forged NPT TRD				
MATERIAL									
Body/Bonnet Trim: Cover/Bonnet: Stem: Body Seat Surface Gate Seat Surface Packing: Gland: Bolt & Nut: Bonnet Gasket:					ASTM B148 UNS C95800 ASTM B148 UNS C95800 Screwed Bonnet Aluminium Bronze ASTM B148 UNS C95800 VTA STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING VTA ASTM A193 Gr.B7/ASTM A194 Gr.2H (Galvanized) VTA				
General Note: 1.Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2.Inner or outer leakage is not acceptable. 3.There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7.All valve shall have a fire-safe design.									

 NISOC	<p>نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p>احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>								
شماره پیمان:	DATA SHEETS FOR MANUAL VALVES								شماره صفحه: ۱۹ از ۷۰
۰۵۳ - ۰۷۳ - ۹۱۸۴	پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه	
	BK	GCS	PEDCO	120	PI	DT	0002	D02	
TAG NO: MV-GAT-C08BZ									
GENERAL DATA									
Type of Valve: Pattern: Valve Size Range: Piping Class & C.A: NACE MR0175/ISO15156 Compliance					Gate Solid Wedge,BB, OS.&Y, H.W.OP 2~4 inch AZ00 & C.A: 0 No				
CODE & STANDARD									
Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:					BS 5154 ASME B16.10 API 6FA As per API 598				
DESIGN DATA									
Pressure Rating: Design Pressure: Design Temperature: Body Construction: End Connection: Finishing:					150# 18.2 BARG 85 °C Casting FLGD RF				
MATERIAL									
Body/Bonnet Trim: Cover/Bonnet: Stem: Body Seat Surface Gate Seat Surface Packing: Gland: Bolt & Nut: Bonnet Gasket:					ASTM B148 UNS C95800 ASTM B148 UNS C95800 Screwed Bonnet Aluminium Bronze ASTM B148 UNS C95800 VTA STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING VTA ASTM A193 Gr.B7/ASTM A194 Gr.2H (Galvanized) VTA				
General Note: 1.Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2.Inner or outer leakage is not acceptable. 3.There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7.All valve shall have a fire-safe design.									

 <p>NISOC</p>	<p>نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p>احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>							
<p>شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴</p>	<p>DATA SHEETS FOR MANUAL VALVES</p>						<p>شماره صفحه ۲۰ از ۷۰</p>	
	پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
	BK	GCS	PEDCO	120	PI	DT	0002	D02
<p>TAG NO: MV-GAT-C01A-HO</p>								
<p>GENERAL DATA</p>								
<p>Type of Valve: Pattern: Valve Size Range: Piping Class & C.A: NACE MR0175/ISO15156 Compliance</p>					<p>Gate Flexible Wedge, H.W.OP 2~12 inch AN01 & C.A: 1 No</p>			
<p>CODE & STANDARD</p>								
<p>Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:</p>					<p>API600 ASME B16.10 API 6FA As per API 598</p>			
<p>DESIGN DATA</p>								
<p>Pressure Rating: Design Pressure: Design Temperature: Body Construction: End Connection: Finishing:</p>					<p>150# 18.2 BARG 85 °C Casting FLGD (In acc. with ASME B16.5) RF</p>			
<p>MATERIAL</p>								
<p>Body/Bonnet Trim: Cover/Bonnet: Stem: Body Seat Surface Gate Seat Surface Packing: Gland: Bolt & Nut: Bonnet Gasket:</p>					<p>ASTM A216 WCB 13Cr/Stellite 6 (Trim No. 8) BB 13Cr Stellite 6 13Cr STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING VTA ASTM A193 Gr.B7M/ASTM A194 Gr.2HM VTA</p>			
<p>General Note:</p> <ol style="list-style-type: none"> 1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2. Inner or outer leakage is not acceptable. 3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7. All valve shall have a fire-safe design. 8. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006. 9. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs. 								



نگهداشت و افزایش تولید میدان نفتی بینک
سطح الارض

احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک



شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

DATA SHEETS FOR MANUAL VALVES

پروژه

بسته کاری

صادرکننده

تسهیلات

رشته

نوع مدرک

سریال

نسخه

BK

GCS

PEDCO

120

PI

DT

0002

D02

شماره صفحه: ۲۱ از ۷۰

TAG NO: MV-GAT-C01B-HO

GENERAL DATA

Type of Valve:

Gate

Pattern:

Flexible Wedge, H.W.OP

Valve Size Range:

2~12 inch

Piping Class & C.A:

AN04, AN05 & AN07 & C.A: 6

NACE MR0175/ISO15156 Compliance

Yes (Except for AN04)

CODE & STANDARD

Design Code:

API600

Face to Face Dimensional:

ASME B16.10

Fire Testing:

API 6FA

Pressure Testing:

As per API 598

DESIGN DATA

Pressure Rating:

150#

Design Pressure:

18.2 BARG

Design Temperature:

85 °C

Body Construction:

Casting

End Connection:

FLGD (In acc. with ASME B16.5)

Finishing:

RF

MATERIAL

Body/Bonnet

ASTM A216 WCB

Trim:

18Cr-8Ni-Mo/Stellite 6(Trim No. 12)

Cover/Bonnet:

BB

Stem:

18Cr-8Ni-Mo

Body Seat Surface

Stellite 6

Gate Seat Surface

18Cr-8Ni-Mo

Packing:

STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE
+ PACKING RING

Gland:

VTA

Bolt & Nut:



ASTM A193 Gr.B7M/ASTM A194 Gr.2HM



Bonnet Gasket:



VTA



General Note:




1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.
However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.
6. All valve data sheets shall be confirmed by vendor.
7. All valve shall have a fire-safe design.
8. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006.
9. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs.




 <p>NISOC</p>	<p>نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p>احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>							
<p>شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴</p>	<p>DATA SHEETS FOR MANUAL VALVES</p>							<p>شماره صفحه: ۲۲ از ۷۰</p>
	پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
	BK	GCS	PEDCO	120	PI	DT	0002	D02
<p>TAG NO: MV-GAT-C01S-HO</p>								
<p>GENERAL DATA</p>								
<p>Type of Valve: Pattern: Valve Size Range: Piping Class & C.A: NACE MR0175/ISO15156 Compliance</p>					<p>Gate Flexible Wedge, H.W.OP 2~12 inch AS00 & C.A: 0 Yes</p>			
<p>CODE & STANDARD</p>								
<p>Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:</p>					<p>API600 ASME B16.10 API 6FA As per API 598</p>			
<p>DESIGN DATA</p>								
<p>Pressure Rating: Design Pressure: Design Temperature: Body Construction: End Connection: Finishing:</p>					<p>150# 13.9 BARG 85 °C Casting FLGD (In acc. with ASME B16.5) RF</p>			
<p>MATERIAL</p>								
<p>Body/Bonnet Trim: Cover/Bonnet: Stem: Body Seat Surface Gate Seat Surface Packing: Gland: Bolt & Nut: Bonnet Gasket:</p>					<p>ASTM A351 CF3M 18Cr-8Ni-Mo(Trim No. 10) BB 18Cr-8Ni-Mo 18Cr-8Ni-Mo 18Cr-8Ni-Mo STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING VTA ASTM A193 Gr.B8M/ASTM A194 Gr.8M VTA</p>			
<p>General Note:</p> <ol style="list-style-type: none"> 1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2. Inner or outer leakage is not acceptable. 3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7. All valve shall have a fire-safe design. 8. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs. 								



	<p align="center">نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p align="center">احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>							
شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴	DATA SHEETS FOR MANUAL VALVES						شماره صفحه: ۲۳ از ۷۰	
	پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
	BK	GCS	PEDCO	120	PI	DT	0002	D02
TAG NO: MV-GAT-C01A-GO								
GENERAL DATA								
Type of Valve: Pattern: Valve Size Range: Piping Class & C.A: NACE MR0175/ISO15156 Compliance						Gate Flexible Wedge, Gear .OP 14~24 inch AN01 & C.A: 1 No		
CODE & STANDARD								
Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:						API600 ASME B16.10 API 6FA As per API 598		
DESIGN DATA								
Pressure Rating: Design Pressure: Design Temperature: Body Construction: End Connection: Finishing:						150# 18.2 BARG 85 °C Casting FLGD (In acc. with ASME B16.5) RF		
MATERIAL								
Body/Bonnet Trim: Cover/Bonnet: Stem: Body Seat Surface Gate Seat Surface Packing: Gland: Bolt & Nut: Bonnet Gasket:						ASTM A216 WCB 13Cr/Stellite 6 (Trim No. 8) BB 13Cr Stellite 6 13Cr STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING VTA ASTM A193 Gr.B7M/ASTM A194 Gr.2HM VTA		
General Note: 1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2. Inner or outer leakage is not acceptable. 3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7. All valve shall have a fire-safe design. 8. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006. 9. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs.								




	<p style="text-align: center;">نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p style="text-align: center;">احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>							
شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴	DATA SHEETS FOR MANUAL VALVES						شماره صفحه: ۲۴ از ۷۰	
	پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک		
	BK	GCS	PEDCO	120	PI	DT	0002	D02
TAG NO: MV-GAT-C01B-GO								
GENERAL DATA								
Type of Valve: Pattern: Valve Size Range: Piping Class & C.A: NACE MR0175/ISO15156 Compliance					Gate Flexible Wedge, Gear .OP 14~24 inch AN04, AN05 & AN07 & C.A: 6 Yes (Except for AN04)			
CODE & STANDARD								
Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:					API600 ASME B16.10 API 6FA As per API 598			
DESIGN DATA								
Pressure Rating: Design Pressure: Design Temperature: Body Construction: End Connection: Finishing:					150# 18.2 BARG 85 °C Casting FLGD (In acc. with ASME B16.5) RF			
MATERIAL								
Body/Bonnet Trim: Cover/Bonnet: Stem: Body Seat Surface Gate Seat Surface Packing: Gland: Bolt & Nut: Bonnet Gasket:					ASTM A216 WCB 18Cr-8Ni-Mo/Stellite 6(Trim No. 12) BB 18Cr-8Ni-Mo Stellite 6 18Cr-8Ni-Mo STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING VTA ASTM A193 Gr.B7M/ASTM A194 Gr.2HM VTA			
General Note: 1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2. Inner or outer leakage is not acceptable. 3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7. All valve shall have a fire-safe design. 8. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006. 9. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs.								




	<p style="text-align: center;">نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p style="text-align: center;">احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>									
شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴	DATA SHEETS FOR MANUAL VALVES							شماره صفحه: ۲۵ از ۷۰		
	پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه		
	BK	GCS	PEDCO	120	PI	DT	0002	D02		
TAG NO: MV-GAT-C01S-GO										
GENERAL DATA										
Type of Valve: Pattern: Valve Size Range: Piping Class & C.A: NACE MR0175/ISO15156 Compliance						Gate Flexible Wedge, Gear .OP 14~24 inch AS00 & C.A: 0 Yes				
CODE & STANDARD										
Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:						API600 ASME B16.10 API 6FA As per API 598				
DESIGN DATA										
Pressure Rating: Design Pressure: Design Temperature: Body Construction: End Connection: Finishing:						150# 13.9 BARG 85 °C Casting FLGD (In acc. with ASME B16.5) RF				
MATERIAL										
Body/Bonnet Trim: Cover/Bonnet: Stem: Body Seat Surface Gate Seat Surface Packing: Gland: Bolt & Nut: Bonnet Gasket:						ASTM A351 CF3M 18Cr-8Ni-Mo(Trim No. 10) BB 18Cr-8Ni-Mo 18Cr-8Ni-Mo 18Cr-8Ni-Mo STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING VTA ASTM A193 Gr.B8M/ASTM A194 Gr.8M VTA				
General Note: 1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2. Inner or outer leakage is not acceptable. 3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7. All valve shall have a fire-safe design. 8. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs.										



	<p>نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p>احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>							 
شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴	DATA SHEETS FOR MANUAL VALVES							شماره صفحه: ۲۶ از ۷۰
	پروژه	پسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
	BK	GCS	PEDCO	120	PI	DT	0002	D02
TAG NO: MV-GAT-C03-HO								
GENERAL DATA								
Type of Valve: Pattern: Valve Size Range: Piping Class & C.A: NACE MR0175/ISO15156 Compliance					Gate Flexible Wedge, H.W.OP 2~12 inch CN05 & CN07 & C.A: 6 Yes			
CODE & STANDARD								
Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:					API600 ASME B16.10 API 6FA As per API 598			
DESIGN DATA								
Pressure Rating: Design Pressure: Design Temperature: Body Construction: End Connection: Finishing:					300# 47.7 BARG 155 °C Casting FLGD (In acc. with ASME B16.5) RF			
MATERIAL								
Body/Bonnet Trim: Cover/Bonnet: Stem: Body Seat Surface Gate Seat Surface Packing: Gland: Bolt & Nut: Bonnet Gasket:					ASTM A216 WCB 18Cr-8Ni-Mo/Stellite 6(Trim No. 12) BB 18Cr-8Ni-Mo Stellite 6 18Cr-8Ni-Mo STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING VTA ASTM A193 Gr.B7M/ASTM A194 Gr.2HM VTA			
<p>General Note:</p> <ol style="list-style-type: none"> 1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2. Inner or outer leakage is not acceptable. 3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7. All valve shall have a fire-safe design. 8. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006. 9. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs. 								



 <p>NISOC</p>	<p>نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p>احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>							 
شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴	DATA SHEETS FOR MANUAL VALVES							شماره صفحه: ۲۷ از ۷۰
	پروژه	پسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
	BK	GCS	PEDCO	120	PI	DT	0002	D02
TAG NO: MV-GAT-C03S-HO								
GENERAL DATA								
Type of Valve: Pattern: Valve Size Range: Piping Class & C.A: NACE MR0175/ISO15156 Compliance					Gate Flexible Wedge, H.W.OP 2~12 inch CS00 & C.A: 0 Yes			
CODE & STANDARD								
Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:					API600 ASME B16.10 API 6FA As per API 598			
DESIGN DATA								
Pressure Rating: Design Pressure: Design Temperature: Body Construction: End Connection: Finishing:					300# 30.3 BARG 155 °C Casting FLGD (In acc. with ASME B16.5) RF			
MATERIAL								
Body/Bonnet Trim: Cover/Bonnet: Stem: Body Seat Surface Gate Seat Surface Packing: Gland: Bolt & Nut: Bonnet Gasket:					ASTM A351 CF3M 18Cr-8Ni-Mo(Trim No. 10) BB 18Cr-8Ni-Mo 18Cr-8Ni-Mo 18Cr-8Ni-Mo STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING VTA ASTM A193 Gr.B8M/ASTM A194 Gr.8M VTA			
<p>General Note:</p> <ol style="list-style-type: none"> 1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2. Inner or outer leakage is not acceptable. 3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7. All valve shall have a fire-safe design. 8. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs. 								



 NISOC	<p align="center">نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p align="center">احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>							
شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴	DATA SHEETS FOR MANUAL VALVES							شماره صفحه: ۲۸ از ۷۰
	پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
	BK	GCS	PEDCO	120	PI	DT	0002	D02
TAG NO: MV-GAT-C03-GO								
GENERAL DATA								
Type of Valve: Pattern: Valve Size Range: Piping Class & C.A: NACE MR0175/ISO15156 Compliance						Gate Flexible Wedge, Gear .OP 14~24 inch CN05 & CN07 & C.A: 6 Yes		
CODE & STANDARD								
Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:						API600 ASME B16.10 API 6FA As per API 598		
DESIGN DATA								
Pressure Rating: Design Pressure: Design Temperature: Body Construction: End Connection: Finishing:						300# 47.7 BARG 155 °C Casting FLGD (In acc. with ASME B16.5) RF		
MATERIAL								
Body/Bonnet Trim: Cover/Bonnet: Stem: Body Seat Surface Gate Seat Surface Packing: Gland: Bolt & Nut: Bonnet Gasket:						ASTM A216 WCB 18Cr-8Ni-Mo/Stellite 6(Trim No. 12) BB 18Cr-8Ni-Mo Stellite 6 18Cr-8Ni-Mo STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING VTA ASTM A193 Gr.B7M/ASTM A194 Gr.2HM VTA		
General Note: 1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2. Inner or outer leakage is not acceptable. 3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7. All valve shall have a fire-safe design. 8. Valves shall be fully painted at vendor shop as per BK-GNRAL-PEDCO-000-PI-SP-0006. 9. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs.								



 <p>NISOC</p> <p>شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴</p>	<p>نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p>احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p> <p>DATA SHEETS FOR MANUAL VALVES</p> <table border="1"> <tr> <td>پروژه</td> <td>بسته کاری</td> <td>صادر کننده</td> <td>تسهیلات</td> <td>رشته</td> <td>نوع مدرک</td> <td>سریال</td> <td>نسخه</td> </tr> <tr> <td>BK</td> <td>GCS</td> <td>PEDCO</td> <td>120</td> <td>PI</td> <td>DT</td> <td>0002</td> <td>D02</td> </tr> </table>							پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه	BK	GCS	PEDCO	120	PI	DT	0002	D02	  <p>شماره صفحه: ۲۹ از ۷۰</p>
پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه																	
BK	GCS	PEDCO	120	PI	DT	0002	D02																	
<p>TAG NO: MV-GAT-C06-HO</p>																								
<p>GENERAL DATA</p>																								
<p>Type of Valve: Pattern: Valve Size Range: Piping Class & C.A: NACE MR0175/ISO15156 Compliance</p>					<p>Gate Flexible Wedge, H.W .OP 2~10 inch FN05 & FN07 & C.A: 6 Yes</p>																			
<p>CODE & STANDARD</p>																								
<p>Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:</p>					<p>API600 ASME B16.10 API 6FA As per API 598</p>																			
<p>DESIGN DATA</p>																								
<p>Pressure Rating: Design Pressure: Design Temperature: Body Construction: End Connection: Finishing:</p>					<p>600# 90 BARG 175 °C Casting FLGD (In acc. with ASME B16.5) RF</p>																			
<p>MATERIAL</p>																								
<p>Body/Bonnet Trim: Cover/Bonnet: Stem: Body Seat Surface Gate Seat Surface Packing: Gland: Bolt & Nut: Bonnet Gasket:</p>					<p>ASTM A216 WCB 18Cr-8Ni-Mo/Stellite 6(Trim No. 12) BB 18Cr-8Ni-Mo Stellite 6 18Cr-8Ni-Mo STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING ASTM A193 Gr.B7M/ASTM A194 Gr.2HM VTA</p>																			
<p>General Note:</p> <ol style="list-style-type: none"> 1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2. Inner or outer leakage is not acceptable. 3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7. All valve shall have a fire-safe design. 8. Valves shall be fully painted at vendor shop as per BK-GNRAL-PEDCO-000-PI-SP-0006. 9. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs. 																								

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شماره پیمان:	DATA SHEETS FOR MANUAL VALVES								شماره صفحه: ۳۰ از ۷۰
۰۵۳ - ۰۷۳ - ۹۱۸۴	پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه	
	BK	GCS	PEDCO	120	PI	DT	0002	D02	
TAG NO: MV-GAT-C06S-HO									
GENERAL DATA									
Type of Valve: Pattern: Valve Size Range: Piping Class & C.A: NACE MR0175/ISO15156 Compliance					Gate Flexible Wedge, H.W .OP 2~10 inch FS00 & C.A: 0 Yes				
CODE & STANDARD									
Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:					API600 ASME B16.10 API 6FA As per API 598				
DESIGN DATA									
Pressure Rating: Design Pressure: Design Temperature: Body Construction: End Connection: Finishing:					600# 62.4 BARG 175 °C Casting FLGD (In acc. with ASME B16.5) RF				
MATERIAL									
Body/Bonnet Trim: Cover/Bonnet: Stem: Body Seat Surface Gate Seat Surface Packing: Gland: Bolt & Nut: Bonnet Gasket:					ASTM A351 CF3M 18Cr-8Ni-Mo(Trim No. 10) BB 18Cr-8Ni-Mo 18Cr-8Ni-Mo 18Cr-8Ni-Mo STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING VTA ASTM A193 Gr.B8M/ASTM A194 Gr.8M VTA				
<p>General Note:</p> <ol style="list-style-type: none"> 1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2. Inner or outer leakage is not acceptable. 3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7. All valve shall have a fire-safe design. 8. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs. 									

	<p style="text-align: center;">نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p style="text-align: center;">احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>							
شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴	DATA SHEETS FOR MANUAL VALVES							شماره صفحه: ۳۱ از ۷۰
	پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
	BK	GCS	PEDCO	120	PI	DT	0002	D02
TAG NO: MV-GAT-C06-GO								
GENERAL DATA								
Type of Valve: Pattern: Valve Size Range: Piping Class & C.A: NACE MR0175/ISO15156 Compliance					Gate Flexible Wedge, Gear .OP 12~24 inch FN05 & FN07 & C.A: 6 Yes			
CODE & STANDARD								
Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:					API600 ASME B16.10 API 6FA As per API 598			
DESIGN DATA								
Pressure Rating: Design Pressure: Design Temperature: Body Construction: End Connection: Finishing:					600# 90 BARG 175 °C Casting FLGD (In acc. with ASME B16.5) RF			
MATERIAL								
Body/Bonnet Trim: Cover/Bonnet: Stem: Body Seat Surface Gate Seat Surface Packing: Gland: Bolt & Nut: Bonnet Gasket:					ASTM A216 WCB 18Cr-8Ni-Mo/Stellite 6(Trim No. 12) BB 18Cr-8Ni-Mo Stellite 6 18Cr-8Ni-Mo STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING VTA ASTM A193 Gr.B7M/ASTM A194 Gr.2HM VTA			
General Note: 1.Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2.Inner or outer leakage is not acceptable. 3.There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7.All valve shall have a fire-safe design. 8. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006. 9. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs.								




 <p>NISOC</p>	<p>نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p>احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>							
شماره پیمان:	DATA SHEETS FOR MANUAL VALVES						شماره صفحه: ۷۰ از ۳۲	
۰۵۳ - ۰۷۳ - ۹۱۸۴	پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
	BK	GCS	PEDCO	120	PI	DT	0002	D02
TAG NO: MV-GLB-F08A								
GENERAL DATA								
Type of Valve: Pattern: Valve Size Range: Piping Class & C.A: NACE MR0175/ISO15156 Compliance						Globe OS&Y, SWIVEL PLUG DISC, H.W.OP 1/2 ~ 1 1/2 inch ANO1 & C.A: 1 No		
CODE & STANDARD								
Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:						API 602/MFR ASME B16.10 API 6FA As per API 598		
DESIGN DATA								
Pressure Rating: Design Pressure: Design Temperature: Body Construction: Trim Construction: End Connection: Finishing:						800# 18.2 BARG 85 °C Forged Forged (VTC) SW NA		
MATERIAL								
Body/Bonnet Trim Cover Stem: Disc Seat: Body Seat: Packing: Gland: Bolt & Nut: Bonnet Gasket:						ASTM A105 13Cr + Stellite 6 (Trim No.8) BC 13Cr 13Cr Stellite 6 STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING VTA ASTM A193 Gr.B7/ASTM A194 Gr.2H VTA		
<p>General Note:</p> <ol style="list-style-type: none"> 1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2. Inner or outer leakage is not acceptable. 3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7. All valve shall have a fire-safe design. 8. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006. 								




	<p>نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p>احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>							
شماره پیمان:	DATA SHEETS FOR MANUAL VALVES						شماره صفحه: ۷۰ از ۳۳	
۰۵۳ - ۰۷۳ - ۹۱۸۴	پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
	BK	GCS	PEDCO	120	PI	DT	0002	D02
TAG NO: MV-GLB-F08B								
GENERAL DATA								
Type of Valve: Pattern: Valve Size Range: Piping Class & C.A: NACE MR0175/ISO15156 Compliance						Globe OS&Y, SWIVEL PLUG DISC, H.W.OP 1/2 ~ 1 1/2 inch AN04, AN05, AN07, CN05, CN07, FN05 & FN07 & C.A: 6 Yes (Except for AN04)		
CODE & STANDARD								
Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:						API 602/MFR ASME B16.10 API 6FA As per API 598		
DESIGN DATA								
Pressure Rating: Design Pressure: Design Temperature: Body Construction: Trim Construction: End Connection: Finishing:						800# 90 BARG 175 °C Forged Forged (VTC) SW NA		
MATERIAL								
Body/Bonnet Trim Cover/Bonnet: Stem: Disc Seat: Body Seat: Packing: Gland: Bolt & Nut: Bonnet Gasket:						ASTM A105 18Cr-8Ni-Mo/Stellite 6(Trim No. 12) BB 18Cr-8Ni-Mo 18Cr-8Ni-Mo Stellite 6 STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING VTA ASTM A193 Gr.B7M/ASTM A194 Gr.2HM VTA		
General Note: 1.Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2.Inner or outer leakage is not acceptable. 3.There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7.All valve shall have a fire-safe design. 8. Valves shall be fully painted at vendor shop as per BK-GNRAL-PEDCO-000-PI-SP-0006.								

 <p>NISOC</p>	<p>نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p>احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>							
شماره پیمان:	DATA SHEETS FOR MANUAL VALVES						شماره صفحه: ۷۰ از ۳۴	
۰۵۳ - ۰۷۳ - ۹۱۸۴	پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
	BK	GCS	PEDCO	120	PI	DT	0002	D02
TAG NO: MV-GLB-F08S								
GENERAL DATA								
Type of Valve: Pattern: Valve Size Range: Piping Class & C.A: NACE MR0175/ISO15156 Compliance						Globe OS&Y, SWIVEL PLUG DISC, H.W.OP 1/2 ~ 1 1/2 inch AS00, CS00 & FS00 & C.A: 0 Yes		
CODE & STANDARD								
Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:						API 602/MFR ASME B16.10 API 6FA As per API 598		
DESIGN DATA								
Pressure Rating: Design Pressure: Design Temperature: Body Construction: Trim Construction: End Connection: Finishing:						800# 62.4 BARG 175 °C Forged Forged (VTC) SW NA		
MATERIAL								
Body/Bonnet Trim Cover/Bonnet: Stem: Disc Seat: Body Seat: Packing: Gland: Bolt & Nut: Bonnet Gasket:						ASTM A182 F316L 18Cr-8Ni-Mo(Trim No. 10) BB 18Cr-8Ni-Mo 18Cr-8Ni-Mo 18Cr-8Ni-Mo STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING VTA ASTM A193 Gr.B8M/ASTM A194 Gr.8M VTA		
General Note: 1.Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2.Inner or outer leakage is not acceptable. 3.There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7.All valve shall have a fire-safe design.								

 <p>NISOC</p>	<p>نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p>احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>							
شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴	DATA SHEETS FOR MANUAL VALVES							شماره صفحه: ۳۵ از ۷۰
	پروژه BK	بسته کاری GCS	صادر کننده PEDCO	تسهیلات 120	رشته PI	نوع مدرک DT	سریال 0002	نسخه D02
TAG NO: MV-GLB-F08AZ								
GENERAL DATA								
Type of Valve: Pattern: Valve Size Range: Piping Class & C.A: NACE MR0175/ISO15156 Compliance					Globe OS&Y, SWIVEL PLUG DISC, H.W.OP 1/2 ~ 1 1/2 inch AZ00 & C.A: 0 No			
CODE & STANDARD								
Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:					BS 5154 ASME B16.10 API 6FA As per API 598			
DESIGN DATA								
Pressure Rating: Design Pressure: Design Temperature: Body Construction: End Connection: Finishing:					800# 18.2 BARG 85 °C Forged NPT TRD			
MATERIAL								
Body/Bonnet Trim Cover/Bonnet: Stem: Disc Seat: Body Seat: Packing: Gland: Bolt & Nut: Bonnet Gasket:					ASTM B148 UNS C95800 ASTM B148 UNS C95800 Screwed Bonnet Aluminium Bronze ASTM B148 UNS C95800 VTA STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING VTA ASTM A193 Gr.B7/ASTM A194 Gr.2H (Galvanized) VTA			
General Note: 1.Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2.Inner or outer leakage is not acceptable. 3.There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7.All valve shall have a fire-safe design.								

 <p>NISOC</p>	<p>نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p>احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>							
شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴	DATA SHEETS FOR MANUAL VALVES							شماره صفحه: ۳۶ از ۷۰
	پروژه BK	بسته کاری GCS	صادر کننده PEDCO	تسهیلات 120	رشته PI	نوع مدرک DT	سریال 0002	نسخه D02
TAG NO: MV-GLB-C08BZ								
GENERAL DATA								
Type of Valve: Pattern: Valve Size Range: Piping Class & C.A: NACE MR0175/ISO15156 Compliance					Globe OS&Y, SWIVEL PLUG DISC, H.W.OP 2 ~ 4 inch AZ00 & C.A: 0 No			
CODE & STANDARD								
Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:					BS 5154 ASME B16.10 API 6FA As per API 598			
DESIGN DATA								
Pressure Rating: Design Pressure: Design Temperature: Body Construction: End Connection: Finishing:					150# 18.2 BARG 85 °C Casting FLGD RF			
MATERIAL								
Body/Bonnet Trim Cover/Bonnet: Stem: Disc Seat: Body Seat: Packing: Gland: Bolt & Nut: Bonnet Gasket:					ASTM B148 UNS C95800 ASTM B148 UNS C95800 Screwed Bonnet Aluminium Bronze ASTM B148 UNS C95800 VTA STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING VTA ASTM A193 Gr.B7/ASTM A194 Gr.2H (Galvanized) VTA			
General Note: 1.Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2.Inner or outer leakage is not acceptable. 3.There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7.All valve shall have a fire-safe design.								

 <p>NISOC</p>	<p>تجهیزات و افزایش تولید میدان نفتی بینک سطح الارض</p> <p>احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>							 
شماره پیمان:	DATA SHEETS FOR MANUAL VALVES							شماره صفحه: ۷۰ از ۳۷
۰۵۳ - ۰۷۳ - ۹۱۸۴	پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
	BK	GCS	PEDCO	120	PI	DT	0002	D02
TAG NO: MV-GLB-C01A-HO								
GENERAL DATA								
Type of Valve: Pattern: Valve Size Range: Piping Class & C.A: NACE MR0175/ISO15156 Compliance					Globe OS&Y, SWIVEL PLUG DISC, H.W.OP 2 ~ 6 inch AN01 & C.A: 1 No			
CODE & STANDARD								
Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:					BS 1873 ASME B16.10 API 6FA As per API 598			
DESIGN DATA								
Pressure Rating: Design Pressure: Design Temperature: Body Construction: Trim Construction: End Connection: Finishing:					150# 18.2 BARG 85 °C Casting Casting FLGD (In acc. with ASME B16.5) RF			
MATERIAL								
Body/Bonnet Trim Cover/Bonnet: Stem: Disc Seat: Body Seat: Packing: Gland: Bolt & Nut: Bonnet Gasket:					ASTM A216 WCB 13Cr + Stellite 6 (Trim No.8) BB 13Cr 13Cr Stellite 6 STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING VTA ASTM A193 Gr.B7/ASTM A194 Gr.2H VTA			
General Note: 1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2. Inner or outer leakage is not acceptable. 3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7. All valve shall have a fire-safe design. 8. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006. 9. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs.								

 <p>NISOC</p>	<p>تجهیزات و افزایش تولید میدان نفتی بینک سطح الارض</p> <p>احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>							 
شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴	DATA SHEETS FOR MANUAL VALVES							شماره صفحه: ۷۰ از ۳۸
	پروژه	بسته کاری	صادرکننده	تجهیزات	رشته	نوع مدرک	سریال	نسخه
	BK	GCS	PEDCO	120	PI	DT	0002	D02
TAG NO: MV-GLB-C01B-HO								
GENERAL DATA								
Type of Valve: Pattern: Valve Size Range: Piping Class & C.A: NACE MR0175/ISO15156 Compliance					Globe OS&Y, SWIVEL PLUG DISC, H.W.OP 2 ~ 6 inch AN04, AN05 & AN07 & C.A: 6 Yes (Except for AN04)			
CODE & STANDARD								
Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:					BS 1873 ASME B16.10 API 6FA As per API 598			
DESIGN DATA								
Pressure Rating: Design Pressure: Design Temperature: Body Construction: Trim Construction: End Connection: Finishing:					150# 18.2 BARG 85 °C Casting Casting FLGD (In acc. with ASME B16.5) RF			
MATERIAL								
Body/Bonnet Trim Cover/Bonnet: Stem: Disc Seat: Body Seat: Packing: Gland: Bolt & Nut: Bonnet Gasket:					ASTM A216 WCB 18Cr-8Ni-Mo/Stellite 6(Trim No. 12) BB 18Cr-8Ni-Mo 18Cr-8Ni-Mo Stellite 6 STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING VTA ASTM A193 Gr.B7M/ASTM A194 Gr.2HM VTA			
General Note: 1.Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2.Inner or outer leakage is not acceptable. 3.There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7.All valve shall have a fire-safe design 8. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006. 9. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs.								



شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

تجهیزات و افزایش تولید میدان نفتی بینک
سطح الارض

احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک

DATA SHEETS FOR MANUAL VALVES

نسخه	سریال	نوع مدرک	رشته	تسهیلات	صادرکننده	بسته کاری	پروژه
D02	0002	DT	PI	120	PEDCO	GCS	BK



شماره صفحه: ۷۰ از ۳۹

TAG NO: MV-GLB-C01S-HO

GENERAL DATA

Type of Valve:	Globe
Pattern:	OS&Y, SWIVEL PLUG DISC, H.W.OP
Valve Size Range:	2 ~ 6 inch
Piping Class & C.A:	AS00 & C.A: 0
NACE MR0175/ISO15156 Compliance	Yes

CODE & STANDARD

Design Code:	BS 1873
Face to Face Dimensional:	ASME B16.10
Fire Testing:	API 6FA
Pressure Testing:	As per API 598

DESIGN DATA




Pressure Rating:	150#
Design Pressure:	13.9 BARG
Design Temperature:	85 °C
Body Construction:	Casting
Trim Construction:	Casting
End Connection:	FLGD (In acc. with ASME B16.5)
Finishing:	RF




MATERIAL



Body/Bonnet	ASTM A351 CF3M
Trim	18Cr-8Ni-Mo(Trim No. 10)
Cover/Bonnet:	BB
Stem:	18Cr-8Ni-Mo
Disc Seat:	18Cr-8Ni-Mo
Body Seat:	18Cr-8Ni-Mo
Packing:	STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING
Gland:	VTA
Bolt & Nut:	ASTM A193 Gr.B8M/ASTM A194 Gr.8M
Bonnet Gasket:	VTA



General Note:



1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.
However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.
6. All valve data sheets shall be confirmed by vendor.
7. All valve shall have a fire-safe design.
8. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs.




	<p>نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p>احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>						 	
شماره پیمان:	DATA SHEETS FOR MANUAL VALVES							شماره صفحه: ۷۰ از ۷۰
۰۵۳ - ۰۷۳ - ۹۱۸۴	پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	
	BK	GCS	PEDCO	120	PI	DT	0002	D02
TAG NO: MV-GLB-C01-GO								
GENERAL DATA								
Type of Valve: Pattern: Valve Size Range: Piping Class & C.A: NACE MR0175/ISO15156 Compliance					Globe OS&Y, SWIVEL PLUG DISC, Gear.OP 8 ~ 24 inch AN04, AN05 & AN07 & C.A: 6 Yes (Except for AN04)			
CODE & STANDARD								
Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:					BS 1873 ASME B16.10 API 6FA As per API 598			
DESIGN DATA								
Pressure Rating: Design Pressure: Design Temperature: Body Construction: Trim Construction: End Connection: Finishing:					150# 18.2 BARG 85 °C Casting Casting FLGD (In acc. with ASME B16.5) RF			
MATERIAL								
Body/Bonnet Trim Cover/Bonnet: Stem: Disc Seat: Body Seat: Packing: Gland: Bolt & Nut: Bonnet Gasket:					ASTM A216 WCB 18Cr-8Ni-Mo/Stellite 6(Trim No. 12) BB 18Cr-8Ni-Mo 18Cr-8Ni-Mo Stellite 6 STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING VTA ASTM A193 Gr.B7M/ASTM A194 Gr.2HM VTA			
<p>General Note:</p> <ol style="list-style-type: none"> 1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2. Inner or outer leakage is not acceptable. 3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7. All valve shall have a fire-safe design. 8. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006. 9. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs. 								




 <p>NISOC</p>	<p>نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p>احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>						 	
شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴	DATA SHEETS FOR MANUAL VALVES						شماره صفحه: ۴۱ از ۷۰	
	پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
	BK	GCS	PEDCO	120	PI	DT	0002	D02
TAG NO: MV-GLB-C01S-GO								
GENERAL DATA								
Type of Valve: Pattern: Valve Size Range: Piping Class & C.A: NACE MR0175/ISO15156 Compliance						Globe OS&Y, SWIVEL PLUG DISC, Gear.OP 8 ~ 24 inch AS00 & C.A: 0 Yes		
CODE & STANDARD								
Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:						BS 1873 ASME B16.10 API 6FA As per API 598		
DESIGN DATA								
Pressure Rating: Design Pressure: Design Temperature: Body Construction: Trim Construction: End Connection: Finishing:						150# 13.9 BARG 85 °C Casting Casting FLGD (In acc. with ASME B16.5) RF		
MATERIAL								
Body/Bonnet Trim Cover/Bonnet: Stem: Disc Seat: Body Seat: Packing: Gland: Bolt & Nut: Bonnet Gasket:						ASTM A351 CF3M 18Cr-8Ni-Mo(Trim No. 10) BB 18Cr-8Ni-Mo 18Cr-8Ni-Mo 18Cr-8Ni-Mo STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING VTA ASTM A193 Gr.B8M/ASTM A194 Gr.8M VTA		
General Note: 1.Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2.Inner or outer leakage is not acceptable. 3.There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7.All valve shall have a fire-safe design. 8. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs.								



 <p>NISOC</p>	<p>نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p>احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>							
شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴	DATA SHEETS FOR MANUAL VALVES							شماره صفحه: ۴۲ از ۷۰
	پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
	BK	GCS	PEDCO	120	PI	DT	0002	D02
TAG NO: MV-GLB-C03-HO								
GENERAL DATA								
Type of Valve:					Globe			
Pattern:					OS&Y, SWIVEL PLUG DISC, H.W.OP			
Valve Size Range:					2 ~ 6 inch			
Piping Class & C.A:					CN05 & CN07 & C.A: 6			
NACE MR0175/ISO15156 Compliance					Yes			
CODE & STANDARD								
Design Code:					BS 1873			
Face to Face Dimensional:					ASME B16.10			
Fire Testing:					API 6FA			
Pressure Testing:					As per API 598			
DESIGN DATA								
Pressure Rating:					300#			
Design Pressure:					47.7 BARG			
Design Temperature:					155 °C			
Body Construction:					Casting			
Trim Construction:					Casting			
End Connection:					FLGD (In acc. with ASME B16.5)			
Finishing:					RF			
MATERIAL								
Body/Bonnet					ASTM A216 WCB			
Trim					18Cr-8Ni-Mo/Stellite 6(Trim No. 12)			
Cover/Bonnet:					BB			
Stem:					18Cr-8Ni-Mo			
Disc Seat:					18Cr-8Ni-Mo			
Body Seat:					Stellite 6			
Packing:					STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE			
Gland:					+ PACKING RING			
Bolt & Nut:					ASTM A193 Gr.B7M/ASTM A194 Gr.2HM			
Bonnet Gasket:					VTA			
General Note: 1.Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2.Inner or outer leakage is not acceptable. 3.There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7.All valve shall have a fire-safe design. 8. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006. 9. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs.								




	<p>نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p>احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>							
شماره پیمان:	DATA SHEETS FOR MANUAL VALVES		شماره صفحه: ۴۳ از ۷۰					
۰۵۳ - ۰۷۳ - ۹۱۸۴	پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
	BK	GCS	PEDCO	120	PI	DT	0002	D02
TAG NO: MV-GLB-C03S-HO								
GENERAL DATA								
Type of Valve: Pattern: Valve Size Range: Piping Class & C.A: NACE MR0175/ISO15156 Compliance					Globe OS&Y, SWIVEL PLUG DISC, H.W.OP 2 ~ 6 inch CS00 & C.A: 0 Yes			
CODE & STANDARD								
Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:					BS 1873 ASME B16.10 API 6FA As per API 598			
DESIGN DATA								
Pressure Rating: Design Pressure: Design Temperature: Body Construction: Trim Construction: End Connection: Finishing:					300# 30.3 BARG 155 °C Casting Casting FLGD (In acc. with ASME B16.5) RF			
MATERIAL								
Body/Bonnet Trim Cover/Bonnet: Stem: Disc Seat: Body Seat: Packing: Gland: Bolt & Nut: Bonnet Gasket:					ASTM A351 CF3M 18Cr-8Ni-Mo(Trim No. 10) BB 18Cr-8Ni-Mo 18Cr-8Ni-Mo 18Cr-8Ni-Mo STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING VTA ASTM A193 Gr.B8M/ASTM A194 Gr.8M VTA			
<p>General Note:</p> <ol style="list-style-type: none"> 1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2. Inner or outer leakage is not acceptable. 3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7. All valve shall have a fire-safe design. 8. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs. 								

 <p>NISOC</p>	<p>نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p>احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>							
شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴	DATA SHEETS FOR MANUAL VALVES							شماره صفحه: ۴۴ از ۷۰
	پروژه	بسته کاری	صادر کننده	تسهيلات	رشته	نوع مدرک	سریال	نسخه
	BK	GCS	PEDCO	120	PI	DT	0002	D02
TAG NO: MV-GLB-C03-GO								
GENERAL DATA								
Type of Valve: Pattern: Valve Size Range: Piping Class & C.A: NACE MR0175/ISO15156 Compliance					Globe OS&Y, SWIVEL PLUG DISC, Gear.OP 8 ~ 12 inch CN05 & CN07 & C.A: 6 Yes			
CODE & STANDARD								
Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:					BS 1873 ASME B16.10 API 6FA As per API 598			
DESIGN DATA								
Pressure Rating: Design Pressure: Design Temperature: Body Construction: Trim Construction: End Connection: Finishing:					300# 47.7 BARG 155 °C Casting Casting FLGD RF			
MATERIAL								
Body/Bonnet Trim Cover/Bonnet: Stem: Disc Seat: Body Seat: Packing: Gland: Bolt & Nut: Bonnet Gasket:					ASTM A216 WCB 18Cr-8Ni-Mo/Stellite 6(Trim No. 12) BB 18Cr-8Ni-Mo 18Cr-8Ni-Mo Stellite 6 STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING VTA ASTM A193 Gr.B7M/ASTM A194 Gr.2HM VTA			
General Note: 1.Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2.Inner or outer leakage is not acceptable. 3.There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7.All valve shall have a fire-safe design. 8. Valves shall be fully painted at vendor shop as per BK-GNRAL-PEDCO-000-PI-SP-0006. 9. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs.								

 <p>NISOC</p>	<p>تجهیزات و افزایش تولید میدان نفتی بینک سطح الارض</p> <p>احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>							 	
شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴	DATA SHEETS FOR MANUAL VALVES							شماره صفحه: ۴۵ از ۷۰	
	پروژه BK	بسته کاری GCS	صادر کننده PEDCO	تسهیلات 120	رشته PI	نوع مدرک DT	سریال 0002	نسخه D02	
TAG NO: MV-GLB-C06-HO									
GENERAL DATA									
Type of Valve: Pattern: Valve Size Range: Piping Class & C.A: NACE MR0175/ISO15156 Compliance					Globe OS&Y, SWIVEL PLUG DISC, H.W.OP 2 ~ 4 inch FN05 & FN07 & C.A: 6 Yes				
CODE & STANDARD									
Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:					BS 1873 ASME B16.10 API 6FA As per API 598				
DESIGN DATA									
Pressure Rating: Design Pressure: Design Temperature: Body Construction: Trim Construction: End Connection: Finishing:					600# 90 BARG ## °C Casting Casting FLGD (In acc. with ASME B16.5) RF				
MATERIAL									
Body/Bonnet Trim Cover/Bonnet: Stem: Disc Seat: Body Seat: Packing: Gland: Bolt & Nut: Bonnet Gasket:					ASTM A216 WCB 18Cr-8Ni-Mo/Stellite 6(Trim No. 12) BB 18Cr-8Ni-Mo 18Cr-8Ni-Mo Stellite 6 STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING VTA ASTM A193 Gr.B7M/ASTM A194 Gr.2HM VTA				
General Note: 1.Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2.Inner or outer leakage is not acceptable. 3.There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7.All valve shall have a fire-safe design. 8. Valves shall be fully painted at vendor shop as per BK-GNRAL-PEDCO-000-PI-SP-0006. 9. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs.									

 <p>NISOC</p>	<p>تجهیزات و افزایش تولید میدان نفتی بینک سطح الارض</p> <p>احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>							 
شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴	DATA SHEETS FOR MANUAL VALVES							شماره صفحه: ۷۰ از ۷۰
	پروژه BK	بسته کاری GCS	صادر کننده PEDCO	تسهیلات 120	رشته PI	نوع مدرک DT	سریال 0002	نسخه D02
TAG NO: MV-GLB-C06S-HO								
GENERAL DATA								
Type of Valve: Pattern: Valve Size Range: Piping Class & C.A: NACE MR0175/ISO15156 Compliance					Globe OS&Y, SWIVEL PLUG DISC, H.W.OP 2 ~ 4 inch FS00 & C.A: 0 Yes			
CODE & STANDARD								
Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:					BS 1873 ASME B16.10 API 6FA As per API 598			
DESIGN DATA								
Pressure Rating: Design Pressure: Design Temperature: Body Construction: Trim Construction: End Connection: Finishing:					600# 62.4 BARG 175 °C Casting Casting FLGD (In acc. with ASME B16.5) RF			
MATERIAL								
Body/Bonnet Trim Cover/Bonnet: Stem: Disc Seat: Body Seat: Packing: Gland: Bolt & Nut: Bonnet Gasket:					ASTM A351 CF3M 18Cr-8Ni-Mo(Trim No. 10) BB 18Cr-8Ni-Mo 18Cr-8Ni-Mo 18Cr-8Ni-Mo STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING VTA ASTM A193 Gr.B8M/ASTM A194 Gr.8M VTA			
General Note: 1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2. Inner or outer leakage is not acceptable. 3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7. All valve shall have a fire-safe design. 8. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs.								

	<p>نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p>احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>							
شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴	DATA SHEETS FOR MANUAL VALVES							شماره صفحه: ۷۰ از ۷۰
	پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
	BK	GCS	PEDCO	120	PI	DT	0002	D02
TAG NO: MV-GLB-C06-GO								
GENERAL DATA								
Type of Valve: Pattern: Valve Size Range: Piping Class & C.A: NACE MR0175/ISO15156 Compliance					Globe OS&Y, SWIVEL PLUG DISC, Gear.OP 6 ~ 12 inch FN05 & FN07 & C.A: 6 Yes			
CODE & STANDARD								
Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:					BS 1873 ASME B16.10 API 6FA As per API 598			
DESIGN DATA								
Pressure Rating: Design Pressure: Design Temperature: Body Construction: Trim Construction: End Connection: Finishing:					600# 90 BARG 175 °C Casting Casting FLGD (In acc. with ASME B16.5) RF			
MATERIAL								
Body/Bonnet Trim Cover/Bonnet: Stem: Disc Seat: Body Seat: Packing: Gland: Bolt & Nut: Bonnet Gasket:					ASTM A216 WCB 18Cr-8Ni-Mo/Stellite 6(Trim No. 12) BB 18Cr-8Ni-Mo 18Cr-8Ni-Mo Stellite 6 STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING VTA ASTM A193 Gr.B7M/ASTM A194 Gr.2HM VTA			
General Note: 1.Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2.Inner or outer leakage is not acceptable. 3.There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7.All valve shall have a fire-safe design. 8. Valves shall be fully painted at vendor shop as per BK-GNRAL-PEDCO-000-PI-SP-0006. 9. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs.								

	<p>نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p>احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>		 					
شماره پیمان: ۰۵۳-۰۷۳-۹۱۸۴	DATA SHEETS FOR MANUAL VALVES							شماره صفحه: ۴۸ از ۷۰
	پروژه	بسته کاری	صادرکننده	تسهيلات	رشته	نوع مدرک	سریال	نسخه
	BK	GCS	PEDCO	120	PI	DT	0002	D02
TAG NO: MV-GLB-C06S-GO								
GENERAL DATA								
Type of Valve: Pattern: Valve Size Range: Piping Class & C.A: NACE MR0175/ISO15156 Compliance					Globe OS&Y, SWIVEL PLUG DISC, Gear.OP 6~12 inch FS00 & C.A: 0 Yes			
CODE & STANDARD								
Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:					BS 1873 ASME B16.10 API 6FA As per API 598			
DESIGN DATA								
Pressure Rating: Design Pressure: Design Temperature: Body Construction: Trim Construction: End Connection: Finishing:					600# 62.4 BARG 175 °C Casting Casting FLGD (In acc. with ASME B16.5) RF			
MATERIAL								
Body/Bonnet Trim Cover/Bonnet: Stem: Disc Seat: Body Seat: Packing: Gland: Bolt & Nut: Bonnet Gasket:					ASTM A351 CF3M 18Cr-8Ni-Mo(Trim No. 10) BB 18Cr-8Ni-Mo 18Cr-8Ni-Mo 18Cr-8Ni-Mo STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING VTA ASTM A193 Gr.B8M/ASTM A194 Gr.8M VTA			
General Note: 1.Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2.Inner or outer leakage is not acceptable. 3.There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7.All valve shall have a fire-safe design. 8. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs.								

	<p style="text-align: center;">نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p style="text-align: center;">احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>							 
شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴	DATA SHEETS FOR MANUAL VALVES							شماره صفحه: ۴۹ از ۷۰
	پروژه	بسته کاری	صادر کننده	تسهيلات	رشته	نوع مدرک	سريال	نسخه
	BK	GCS	PEDCO	120	PI	DT	0002	D02
TAG NO: MV-BAL-F08A								
GENERAL DATA								
Type of Valve: Pattern: Valve Size Range: Piping Class & C.A: NACE MR0175/ISO15156 Compliance					Ball Full Bore, Floating Ball, Wrench .OP, 2 Pieces 1/2 ~ 1 1/2 inch AN01 & C.A: 1 No			
CODE & STANDARD								
Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:					BS EN ISO 17292 ASME B16.10 API 6FA API 6D (Preferred)/API 598			
DESIGN DATA								
Pressure Rating: Design Pressure: Design Temperature: Body Construction: Trim Construction: End Connection: Finishing:					800# 18.2 BARG 85 °C Forged Forged (VTC) SW & SW/FNPT 2 Nipple at End (L=100mm)			
MATERIAL								
Body/Bonnet Ball Stem: Seat: Seal: Packing: Gland: Bolt & Nut: Bonnet Gasket:					ASTM A105 13Cr 13Cr PTFE Elast-o-Lion (VTC) STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING VTA ASTM A193 Gr.B7M/ASTM A194 Gr.2HM VTA			
General Note: 1.Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2.Inner or outer leakage is not acceptable. 3.There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7.All valve shall have a fire-safe design. 8. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006.								

	<p style="text-align: center;">تجهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p style="text-align: center;">احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>							 
شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴	DATA SHEETS FOR MANUAL VALVES							شماره صفحه: ۷۰ از ۵۰
	پروژه	بسته کاری	صادر کننده	تسهيلات	رشته	نوع مدرک	سریال	نسخه
	BK	GCS	PEDCO	120	PI	DT	0002	D02
TAG NO: MV-BAL-F08B								
GENERAL DATA								
Type of Valve:					Ball			
Pattern:					Full Bore, Floating Ball, Wrench .OP, 2 Pieces			
Valve Size Range:					1/2 ~ 1 1/2 inch			
Piping Class & C.A:					AN04, AN05, AN07, CN05, CN07, FN05 & FN07 & C.A: 6			
NACE MR0175/ISO15156 Compliance					Yes (Except for AN04)			
CODE & STANDARD								
Design Code:					BS EN ISO 17292			
Face to Face Dimensional:					ASME B16.10			
Fire Testing:					API 6FA			
Pressure Testing:					API 6D (Preferred)/API 598			
DESIGN DATA								
Pressure Rating:					800#			
Design Pressure:					90 BARG			
Design Temperature:					175 °C			
Body Construction:					Forged			
Trim Construction:					Forged (VTC)			
End Connection:					SW & SW/FNPT			
Finishing:					2 Nipple at End (L=100mm)			
MATERIAL								
Body/Bonnet					ASTM A105			
Ball					SS316			
Stem:					SS316			
Seat:					PTFE			
Seal:					Elast-o-Lion (VTC)			
Packing:					STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING			
Gland:					VTA			
Bolt & Nut:					ASTM A193 Gr.B7M/ASTM A194 Gr.2HM			
Bonnet Gasket:					VTA			
General Note: 1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2. Inner or outer leakage is not acceptable. 3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7. All valve shall have a fire-safe design. 8. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006.								

	<p style="text-align: center;">تجهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p style="text-align: center;">احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>							 
شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴	DATA SHEETS FOR MANUAL VALVES							شماره صفحه: ۷۰ از ۵۱
	پروژه	بسته کاری	صادر کننده	تسهيلات	رشته	نوع مدرک	سريال	نسخه
	BK	GCS	PEDCO	120	PI	DT	0002	D02
TAG NO: MV-BAL-F085								
GENERAL DATA								
Type of Valve:					Ball			
Pattern:					Full Bore, Floating Ball, Wrench .OP, 2 Pieces			
Valve Size Range:					1/2 ~ 1 1/2 inch			
Piping Class & C.A:					AS00, CS00 & FS00 & C.A: 0			
NACE MR0175/ISO15156 Compliance					Yes			
CODE & STANDARD								
Design Code:					BS EN ISO 17292			
Face to Face Dimensional:					ASME B16.10			
Fire Testing:					API 6FA			
Pressure Testing:					API 6D (Preferred)/API 598			
DESIGN DATA								
Pressure Rating:					800#			
Design Pressure:					62.4 BARG			
Design Temperature:					175 °C			
Body Construction:					Forged			
Trim Construction:					Forged (VTC)			
End Connection:					SW			
Finishing:					2 Nipple at End (L=100mm)			
MATERIAL								
Body/Bonnet					ASTM A182 F316L			
Ball					SS316			
Stem:					SS316			
Seat:					PTFE			
Seal:					Elast-o-Lion (VTC)			
Packing:					STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING			
Gland:					VTA			
Bolt & Nut:					ASTM A193 Gr.B8M/ASTM A194 Gr.8M			
Bonnet Gasket:					VTA			
General Note: 1.Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2.Inner or outer leakage is not acceptable. 3.There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7.All valve shall have a fire-safe design.								



نگهداشت و افزایش تولید میدان نفتی بینک
سطح الارض

احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک



شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

DATA SHEETS FOR MANUAL VALVES

پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
BK	GCS	PEDCO	120	PI	DT	0002	D02

شماره صفحه: ۷۰ از ۵۲

TAG NO: MV-BAL-F08AZ

GENERAL DATA

Type of Valve:	Ball
Pattern:	Full Bore, Floating Ball, Wrench .OP, 2 Pieces
Valve Size Range:	1/2 ~ 1 1/2 inch
Piping Class & C.A:	AZ00 & C.A: 0
NACE MR0175/ISO15156 Compliance	No

CODE & STANDARD

Design Code:	BS EN ISO 17292
Face to Face Dimensional:	ASME B16.10
Fire Testing:	API 6FA
Pressure Testing:	API 6D (Preferred)/API 598

DESIGN DATA

Pressure Rating:	800#
Design Pressure:	18.2 BARG
Design Temperature:	85 °C
Body Construction:	Forged
End Connection:	NPT
Finishing:	TRD

MATERIAL

Body/Bonnet	ASTM B148 UNS C95800
Ball	ASTM B148 UNS C95800
Stem:	Aluminium Bronze
Seat:	PTFE
Seal:	Elast-o-Lion (VTC)
Body Seat:	ASTM B148 UNS C95800
Packing:	STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING
Gland:	VTA
Bolt & Nut:	ASTM A193 Gr.B7/ASTM A194 Gr.2H (Galvanized)
Bonnet Gasket:	VTA

General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.
However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.
6. All valve data sheets shall be confirmed by vendor.
7. All valve shall have a fire-safe design.



تجهیزات و افزایش تولید میدان نفتی بینک
سطح الارض

احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک



شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

DATA SHEETS FOR MANUAL VALVES

نسخه	سریال	نوع مدرک	رشته	تسهیلات	صادرکننده	پسته کاری	پروژه
D02	0002	DT	PI	120	PEDCO	GCS	BK

شماره صفحه: ۵۳ از ۷۰

TAG NO: MV-BAL-C08BZ

GENERAL DATA

Type of Valve:	Ball
Pattern:	Full/Reduced Bore, Floating Ball, Wrench .OP, 2 Pieces (Note 8)
Valve Size Range:	2 inch
Piping Class & C.A:	AZ00 & C.A: 0
NACE MR0175/ISO15156 Compliance	No

CODE & STANDARD

Design Code:	API 6D
Face to Face Dimensional:	ASME B16.10
Fire Testing:	API 6FA
Pressure Testing:	API 6D (Preferred)/API 598

DESIGN DATA



Pressure Rating:	150#
Design Pressure:	18.2 BARG
Design Temperature:	85 °C
Body Construction:	Casting
End Connection:	FLGD
Finishing:	RF




MATERIAL



Body/Bonnet	ASTM B148 UNS C95800
Ball	ASTM B148 UNS C95800
Stem:	Aluminium Bronze
Seat:	PTFE
Seal:	Elast-o-Lion (VTC)
Body Seat:	ASTM B148 UNS C95800
Packing:	STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING
Gland:	VTA
Bolt & Nut:	ASTM A193 Gr.B7/ASTM A194 Gr.2H (Galvanized)
Bonnet Gasket:	VTA



General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.
However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.
6. All valve data sheets shall be confirmed by vendor.
7. All valve shall have a fire-safe design.
8. Bore type (Full or Reduced) shall be in accordance with MTO for valves Document.No:BK-GCS-PEDCO-120-PI-MT-0004.

	<p style="text-align: center;">نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p style="text-align: center;">احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>							
شماره پیمان:	DATA SHEETS FOR MANUAL VALVES							شماره صفحه: ۵۴ از ۷۰
۰۵۳ - ۰۷۳ - ۹۱۸۴	پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	
	BK	GCS	PEDCO	120	PI	DT	0002	D02
TAG NO: MV-BAL-C01AF-HO								
GENERAL DATA								
Type of Valve:					Ball			
Pattern:					Full/Reduced Bore, Split Body, Floating Ball, Wrench .OP, 2 Pieces(Note 11)			
Valve Size Range:					2			
Piping Class & C.A:					AN01 & C.A: 1			
NACE MR0175/ISO15156 Compliance					No			
CODE & STANDARD								
Design Code:					API 6D/ASME B16.34			
Face to Face Dimensional:					ASME B16.10			
Fire Testing:					API 6FA			
Pressure Testing:					API 6D (Preferred)/API 598			
DESIGN DATA								
Pressure Rating:					150#			
Design Pressure:					18.2 BARG			
Design Temperature:					85 °C			
Body Construction:					Casting			
Trim Construction:					Casting			
End Connection:					FLGD (In acc. with ASME B16.5)			
Finishing:					RF			
MATERIAL								
Body/Bonnet					ASTM A216 WCB			
Ball					13Cr			
Stem:					13Cr			
Seat:					PTFE			
Seal:					Elast-o-Lion (VTC)			
Packing:					STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING			
Gland:					VTA			
Bolt & Nut:					ASTM A193 Gr.B7M/ASTM A194 Gr.2HM			
Bonnet Gasket:					VTA			
<p>General Note:</p> <ol style="list-style-type: none"> 1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2. Inner or outer leakage is not acceptable. 3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7. All valve shall have a fire-safe design. 8. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006. 9. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs. 10. The body split shall be outside the plane of the stem protrusion 11. Bore type (Full or Reduced) shall be in accordance with MTO for valves Document.No:BK-GCS-PEDCO-120-PI-MT-0004. 								

 <p>NISOC</p>	<p>نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p>احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>						 	
شماره پیمان:	DATA SHEETS FOR MANUAL VALVES						شماره صفحه: ۷۰ از ۵۵	
۰۵۳ - ۰۷۳ - ۹۱۸۴	پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
	BK	GCS	PEDCO	120	PI	DT	0002	D02
TAG NO: MV-BAL-C01AT-HO								
GENERAL DATA								
Type of Valve:					Ball			
Pattern:					Full/Reduced Bore, Split Body, Trunnion Mounted, Wrench .OP, 2 Pieces (Note 11)			
Valve Size Range:					3 ~ 6 inch			
Piping Class & C.A:					AN01 & C.A: 1			
NACE MR0175/ISO15156 Compliance					No			
CODE & STANDARD								
Design Code:					API 6D/ASME B16.34			
Face to Face Dimensional:					ASME B16.10			
Fire Testing:					API 6FA			
Pressure Testing:					API 6D (Preferred)/API 598			
DESIGN DATA								
Pressure Rating:					150#			
Design Pressure:					18.2 BARG			
Design Temperature:					85 °C			
Body Construction:					Casting			
Trim Construction:					Casting			
End Connection:					FLGD (In acc. with ASME B16.5)			
Finishing:					RF			
MATERIAL								
Body/Bonnet					ASTM A216 WCB			
Ball					13Cr			
Stem:					13Cr			
Seat:					PTFE			
Seal:					Elast-o-Lion (VTC)			
Packing:					STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING			
Gland:					VTA			
Bolt & Nut:					ASTM A193 Gr. B7M/ASTM A194 Gr. 2HM			
Bonnet Gasket:					VTA			
<p>General Note:</p> <ol style="list-style-type: none"> 1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2. Inner or outer leakage is not acceptable. 3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7. All valve shall have a fire-safe design. 8. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006. 9. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs. 10. The body split shall be outside the plane of the stem protrusion. 11. Bore type (Full or Reduced) shall be in accordance with MTO for valves Document.No: BK-GCS-PEDCO-120-PI-MT-0004. 								

	<p style="text-align: center;">نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p style="text-align: center;">احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>							
شماره پیمان:	DATA SHEETS FOR MANUAL VALVES						شماره صفحه: ۷۰ از ۵۶	
۰۵۳ - ۰۷۳ - ۹۱۸۴	پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
	BK	GCS	PEDCO	120	PI	DT	0002	D02
TAG NO: MV-BAL-C01BF-HO								
GENERAL DATA								
Type of Valve:					Ball			
Pattern:					Full/Reduced Bore, Split Body, Floating Ball, Wrench .OP, 2 Pieces (Note 11)			
Valve Size Range:					2 inch			
Piping Class & C.A:					AN04, AN05 & AN07 & C.A: 6			
NACE MR0175/ISO15156 Compliance					Yes (Except for AN04)			
CODE & STANDARD								
Design Code:					API 6D/ASME B16.34			
Face to Face Dimensional:					ASME B16.10			
Fire Testing:					API 6FA			
Pressure Testing:					API 6D (Preferred)/API 598			
DESIGN DATA								
Pressure Rating:					150#			
Design Pressure:					18.2 BARG			
Design Temperature:					85 °C			
Body Construction:					Casting			
Trim Construction:					Casting			
End Connection:					FLGD (In acc. with ASME B16.5)			
Finishing:					RF			
MATERIAL								
Body/Bonnet					ASTM A216 WCB			
Ball					SS316			
Stem:					SS316			
Seat:					PTFE			
Seal:					Elast-o-Lion (VTC)			
Packing:					STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING			
Gland:					VTA			
Bolt & Nut:					ASTM A193 Gr. B7M/ASTM A194 Gr. 2HM			
Bonnet Gasket:					VTA			
<p>General Note:</p> <ol style="list-style-type: none"> 1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2. Inner or outer leakage is not acceptable. 3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7. All valve shall have a fire-safe design. 8. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006. 9. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs. 10. The body split shall be outside the plane of the stem protrusion. 11. Bore type (Full or Reduced) shall be in accordance with MTO for valves Document.No: BK-GCS-PEDCO-120-PI-MT-0004. 								

 <p>NISOC</p>	<p>نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p>احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>							
شماره پیمان:	DATA SHEETS FOR MANUAL VALVES						شماره صفحه: ۷۰ از ۵۷	
۰۵۳ - ۰۷۳ - ۹۱۸۴	پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
	BK	GCS	PEDCO	120	PI	DT	0002	D02
TAG NO: MV-BAL-C01BT-HO								
GENERAL DATA								
Type of Valve:					Ball			
Pattern:					Full/Reduced Bore, Split Body, Trunnion Mounted, Wrench .OP, 2 Pieces (Note 11)			
Valve Size Range:					3 ~ 6 inch			
Piping Class & C.A:					AN04, AN05 & AN07 & C.A: 6			
NACE MR0175/ISO15156 Compliance					Yes (Except for AN04)			
CODE & STANDARD								
Design Code:					API 6D/ASME B16.34			
Face to Face Dimensional:					ASME B16.10			
Fire Testing:					API 6FA			
Pressure Testing:					API 6D (Preferred)/API 598			
DESIGN DATA								
Pressure Rating:					150#			
Design Pressure:					18.2 BARG			
Design Temperature:					85 °C			
Body Construction:					Casting			
Trim Construction:					Casting			
End Connection:					FLGD (In acc. with ASME B16.5)			
Finishing:					RF			
MATERIAL								
Body/Bonnet					ASTM A216 WCB			
Ball					SS316			
Stem:					SS316			
Seat:					PTFE			
Seal:					Elast-o-Lion (VTC)			
Packing:					STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING			
Gland:					VTA			
Bolt & Nut:					ASTM A193 Gr.B7M/ASTM A194 Gr.2HM			
Bonnet Gasket:					VTA			
<p>General Note:</p> <ol style="list-style-type: none"> 1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2. Inner or outer leakage is not acceptable. 3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7. All valve shall have a fire-safe design. 8. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006. 9. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs. 10. The body split shall be outside the plane of the stem protrusion. 11. Bore type (Full or Reduced) shall be in accordance with MTO for valves Document.No: BK-GCS-PEDCO-120-PI-MT-0004. 								



نگهداشت و افزایش تولید میدان نفتی بینک
سطح الارض

احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک



شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

DATA SHEETS FOR MANUAL VALVES

شماره صفحه: ۵۸ از ۷۰

نسخه	سریال	نوع مدرک	رشته	تجهیزات	صادر کننده	بسته کاری	پروژه
D02	0002	DT	PI	120	PEDCO	GCS	BK

TAG NO: MV-BAL-C01SF-HO

GENERAL DATA

Type of Valve:	Ball
Pattern:	Full/Reduced Bore, Split Body, Floating Ball, Wrench .OP, 2 Pieces (Note 10)
Valve Size Range:	2 inch
Piping Class & C.A:	AS00 & C.A: 0
NACE MR0175/ISO15156 Compliance	Yes

CODE & STANDARD

Design Code:	API 6D/ASME B16.34
Face to Face Dimensional:	ASME B16.10
Fire Testing:	API 6FA
Pressure Testing:	API 6D (Preferred)/API 598

DESIGN DATA

Pressure Rating:	150#
Design Pressure:	13.9 BARG
Design Temperature:	85 °C
Body Construction:	Casting
Trim Construction:	Casting
End Connection:	FLGD (In acc. with ASME B16.5)
Finishing:	RF

MATERIAL

Body/Bonnet	ASTM A351 CF3M
Ball	SS316
Stem:	SS316
Seat:	PTFE
Seal:	Elast-o-Lion (VTC)
Packing:	STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING
Gland:	VTA
Bolt & Nut:	ASTM A193 Gr.B8M/ASTM A194 Gr.8M
Bonnet Gasket:	VTA

General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.
However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.
6. All valve data sheets shall be confirmed by vendor.
7. All valve shall have a fire-safe design.
8. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs.
9. The body split shall be outside the plane of the stem protrusion type (Full or Reduced) shall be in accordance with MTO for valves Document.No: BK-GCS-PEDCO-120-PI-MT-0004.

10. Bore



نگهداشت و افزایش تولید میدان نفتی بینک
سطح الارض

احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک



شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

DATA SHEETS FOR MANUAL VALVES

نسخه	سریال	نوع مدرک	رشته	تسهيلات	صادر کننده	بسته کاری	پروژه
D02	0002	DT	PI	120	PEDCO	GCS	BK

شماره صفحه: ۵۹ از ۷۰

TAG NO: MV-BAL-C01ST-HO

GENERAL DATA

Type of Valve:	Ball
Pattern:	Full/Reduced Bore, Split Body, Trunnion Mounted, Wrench . OP, 2 Pieces (Note 10)
Valve Size Range:	3 ~ 6 inch
Piping Class & C.A:	AS00 & C.A: 0
NACE MR0175/ISO15156 Compliance	Yes

CODE & STANDARD

Design Code:	API 6D/ASME B16.34
Face to Face Dimensional:	ASME B16.10
Fire Testing:	API 6FA
Pressure Testing:	API 6D (Preferred)/API 598

DESIGN DATA




Pressure Rating:	150#
Design Pressure:	13.9 BARG
Design Temperature:	85 °C
Body Construction:	Casting
Trim Construction:	Casting
End Connection:	FLGD (In acc. with ASME B16.5)
Finishing:	RF




MATERIAL

Body/Bonnet	ASTM A351 CF3M
Ball	SS316
Stem:	SS316
Seat:	PTFE
Seal:	Elast-o-Lion (VTC)
Packing:	STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING
Gland:	VTA
Bolt & Nut:	ASTM A193 Gr. B8M/ASTM A194 Gr. 8M
Bonnet Gasket:	VTA

General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.
However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.
6. All valve data sheets shall be confirmed by vendor.
7. All valve shall have a fire-safe design.
8. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs.
9. The body split shall be outside the plane of the stem protrusion.
10. Bore type (Full or Reduced) shall be in accordance with MTO for valves Document.No: BK-GCS-PEDCO-120-PI-MT-0004.

	<p style="text-align: center;">نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p style="text-align: center;">احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>							 
شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴	DATA SHEETS FOR MANUAL VALVES							شماره صفحه: ۷۰ از ۷۰
	پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
	BK	GCS	PEDCO	120	PI	DT	0002	D02
TAG NO: MV-BAL-C01-GO								
GENERAL DATA								
Type of Valve: Pattern: Valve Size Range: Piping Class & C.A: NACE MR0175/ISO15156 Compliance					Ball Full/Reduced Bore, Split Body, Trunnion Mounted, Gear .OP (Note11) 8 ~ 10 inch → 2 Piece 12 ~ 16 inch → 3 Piece AN04, AN05 & AN07 & C.A: 6 Yes (Except for AN04)			
CODE & STANDARD								
Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:					API 6D/ASME B16.34 ASME B16.10 API 6FA API 6D (Preferred)/API 598			
DESIGN DATA								
Pressure Rating: Design Pressure: Design Temperature: Body Construction: Trim Construction: End Connection: Finishing:					150# 18.2 BARG 85 °C Casting Casting FLGD (In acc. with ASME B16.5) RF			
MATERIAL								
Body/Bonnet Ball Stem: Seat: Seal: Packing: Gland: Bolt & Nut: Bonnet Gasket:					ASTM A216 WCB SS316 SS316 PTFE Elast-o-Lion (VTC) STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING VTA ASTM A193 Gr.B7M/ASTM A194 Gr.2HM VTA			
General Note: 1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2. Inner or outer leakage is not acceptable. 3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7. All valve shall have a fire-safe design. 8. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006. 9. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs. 10. The body split shall be outside the plane of the stem protrusion. 11. Bore type (Full or Reduced) shall be in accordance with MTO for valves Document.No: BK-GCS-PEDCO-120-PI-MT-0004.								

 NISOC	<p style="text-align: center;">نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p style="text-align: center;">احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>						 	
شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴	DATA SHEETS FOR MANUAL VALVES						شماره صفحه: ۷۰ از ۶۱	
	پروژه	بسته کاری	صادر کننده	تسهيلات	رشته	نوع مدرک	سریال	نسخه
	BK	GCS	PEDCO	120	PI	DT	0002	D02
TAG NO: MV-BAL-C01S-GO								
GENERAL DATA								
Type of Valve: Pattern: Valve Size Range: Piping Class & C.A: NACE MR0175/ISO15156 Compliance						Ball Full/Reduced Bore, Split Body, Trunnion Mounted, Gear .OP (Note 10) 8 ~ 10 inch → 2 Piecess 12 ~ 16 inch → 3 Piecess AS00 & C.A: 0 Yes		
CODE & STANDARD								
Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:						API 6D/ASME B16.34 ASME B16.10 API 6FA API 6D (Preferred)/API 598		
DESIGN DATA								
Pressure Rating: Design Pressure: Design Temperature: Body Construction: Trim Construction: End Connection: Finishing:						150# 13.9 BARG 85 °C Casting Casting FLGD (In acc. with ASME B16.5) RF		
MATERIAL								
Body/Bonnet Ball Stem: Seat: Seal: Body Seat: Packing: Gland: Bolt & Nut: Bonnet Gasket:						ASTM A351 CF3M SS316 SS316 PTFE Elast-o-Lion (VTC) PTFE STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING VTA ASTM A193 Gr.B8M/ASTM A194 Gr.8M VTA		
<p>General Note:</p> <ol style="list-style-type: none"> 1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2. Inner or outer leakage is not acceptable. 3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7. All valve shall have a fire-safe design. 8. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs. 9. The body split shall be outside the plane of the stem protrusion. Reduced) shall be in accordance with MTO for valves Document.No: BK-GCS-PEDCO-120-PI-MT-0004. 10. Bore type (Full or 								



نگهداشت و افزایش تولید میدان نفتی بینک
سطح الارض

احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک



شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

DATA SHEETS FOR MANUAL VALVES

نسخه	سریال	نوع مدرک	رشته	تسهیلات	صادر کننده	بسته کاری	پروژه
D02	0002	DT	PI	120	PEDCO	GCS	BK

شماره صفحه: ۷۰ از ۶۲

TAG NO: MV-BAL-C03F-HO

GENERAL DATA

Type of Valve:	Ball
Pattern:	Full/Reduced Bore, Split Body, Floating Ball, Wrench .OP, 2 Piecess (Note 11)
Valve Size Range:	2 inch
Piping Class & C.A:	CN05 & CN07 & C.A: 6
NACE MR0175/ISO15156 Compliance	Yes

CODE & STANDARD

Design Code:	API 6D/ASME B16.34
Face to Face Dimensional:	ASME B16.10
Fire Testing:	API 6FA
Pressure Testing:	API 6D (Preferred)/API 598

DESIGN DATA




Pressure Rating:	300#
Design Pressure:	47.7 BARG
Design Temperature:	155 °C
Body Construction:	Casting
Trim Construction:	Casting
End Connection:	FLGD (In acc. with ASME B16.5)
Finishing:	RF




MATERIAL



Body/Bonnet	ASTM A216 WCB
Ball	SS316
Stem:	SS316
Seat:	PTFE
Seal:	Elast-o-Lion (VTC)
Packing:	STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING
Gland:	
Bolt & Nut:	ASTM A193 Gr. B7M/ASTM A194 Gr. 2HM
Bonnet Gasket:	VTA




General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.
However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.
6. All valve data sheets shall be confirmed by vendor.
7. All valve shall have a fire-safe design.
8. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006.
9. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs.
10. The body split shall be outside the plane of the stem protrusion.
11. Bore type (Full or Reduced) shall be in accordance with MTO for valves Document.No: BK-GCS-PEDCO-120-PI-MT-0004.

 <p>NISOC</p>	<p>نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p>احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>							 
شماره پیمان:	DATA SHEETS FOR MANUAL VALVES							شماره صفحه: ۷۰ از ۶۳
۰۵۳ - ۰۷۳ - ۹۱۸۴	پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
	BK	GCS	PEDCO	120	PI	DT	0002	D02
TAG NO: MV-BAL-C03T-HO								
GENERAL DATA								
Type of Valve: Pattern: Valve Size Range: Piping Class & C.A: NACE MR0175/ISO15156 Compliance						Ball Full/Reduced Bore, Split Body, Trunnion Mounted, Wrench .OP, 2 Pieces (Note 11) 3~4 inch CN05 & CN07 & C.A: 6 Yes		
CODE & STANDARD								
Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:						API 6D/ASME B16.34 ASME B16.10 API 6FA API 6D (Preferred)/API 598		
DESIGN DATA								
Pressure Rating: Design Pressure: Design Temperature: Body Construction: Trim Construction: End Connection: Finishing:						300# 47.7 BARG 155 °C Casting Casting FLGD (In acc. with ASME B16.5) RF		
MATERIAL								
Body/Bonnet Ball Stem: Seat: Seal: Packing: Gland: Bolt & Nut: Bonnet Gasket:						ASTM A216 WCB SS316 SS316 PTFE Elast-o-Lion (VTC) STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING ASTM A193 Gr. B7M/ASTM A194 Gr. 2HM VTA		
<p>General Note:</p> <ol style="list-style-type: none"> Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. Inner or outer leakage is not acceptable. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. All valve data sheets shall be confirmed by vendor. All valve shall have a fire-safe design. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs. The body split shall be outside the plane of the stem protrusion. Bore type (Full or Reduced) shall be in accordance with MTO for valves Document.No: BK-GCS-PEDCO-120-PI-MT-0004. 								

 <p>NISOC</p>	<p>نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p>احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>						 	
شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴	DATA SHEETS FOR MANUAL VALVES						شماره صفحه: ۷۰ از ۶۴	
	پروژه BK	بسته کاری GCS	صادر کننده PEDCO	تسهیلات 120	رشته PI	نوع مدرک DT	سریال 0002	نسخه D02
TAG NO: MV-BAL-C03SF-HO								
GENERAL DATA								
Type of Valve: Pattern: Valve Size Range: Piping Class & C.A: NACE MR0175/ISO15156 Compliance				Ball Full/Reduced Bore, Split Body, Floating Ball, Wrench .OP, 2 Piece (Note 10) 2 inch CS00 & C.A: 0 Yes				
CODE & STANDARD								
Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:				API 6D/ASME B16.34 ASME B16.10 API 6FA API 6D (Preferred)/API 598				
DESIGN DATA								
Pressure Rating: Design Pressure: Design Temperature: Body Construction: Trim Construction: End Connection: Finishing:				300# 30.3 BARG 155 °C Casting Casting FLGD (In acc. with ASME B16.5) RF				
MATERIAL								
Body/Bonnet Ball Stem: Seat: Seal: Packing: Gland: Bolt & Nut: Bonnet Gasket:				ASTM A351 CF3M SS316 SS316 PTFE Elast-o-Lion (VTC) STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING ASTM A193 Gr. B8M/ASTM A194 Gr. 8M VTA				
<p>General Note:</p> <ol style="list-style-type: none"> 1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2. Inner or outer leakage is not acceptable. 3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7. All valve shall have a fire-safe design. 8. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs. 9. The body split shall be outside the plane of the stem protrusion. (Full or Reduced) shall be in accordance with MTO for valves Document.No: BK-GCS-PEDCO-120-PI-MT-0004. 10. Bore type 								

 <p>NISOC</p>	<p>نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p>احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>								
شماره پیمان:	DATA SHEETS FOR MANUAL VALVES							شماره صفحه: ۷۰ از ۶۵	
۰۵۳ - ۰۷۳ - ۹۱۸۴	پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال		نسخه
	BK	GCS	PEDCO	120	PI	DT	0002		D02
TAG NO: MV-BAL-C03ST-HO									
GENERAL DATA									
Type of Valve:	Ball								
Pattern:	Full/Reduced Bore, Split Body, Trunnion Mounted, Wrench .OP, 2 Pieces (Note 10)								
Valve Size Range:	3~4 inch								
Piping Class & C.A:	CS00 & C.A: 0								
NACE MR0175/ISO15156 Compliance	Yes								
CODE & STANDARD									
Design Code:	API 6D/ASME B16.34								
Face to Face Dimensional:	ASME B16.10								
Fire Testing:	API 6FA								
Pressure Testing:	API 6D (Preferred)/API 598								
DESIGN DATA									
Pressure Rating:	300#								
Design Pressure:	30.3 BARG								
Design Temperature:	155 °C								
Body Construction:	Casting								
Trim Construction:	Casting								
End Connection:	FLGD (In acc. with ASME B16.5)								
Finishing:	RF								
MATERIAL									
Body/Bonnet	ASTM A351 CF3M								
Ball	SS316								
Stem:	SS316								
Seat:	PTFE								
Seal:	Elast-o-Lion (VTC)								
Packing:	STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING								
Gland:									
Bolt & Nut:	ASTM A193 Gr. B8M/ASTM A194 Gr. 8M								
Bonnet Gasket:	VTA								
<p>General Note:</p> <ol style="list-style-type: none"> 1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2. Inner or outer leakage is not acceptable. 3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7. All valve shall have a fire-safe design. 8. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs. 9. The body split shall be outside the plane of the stem protrusion. 10. Bore type (Full or Reduced) shall be in accordance with MTO for valves Document.No: BK-GCS-PEDCO-120-PI-MT-0004. 									

 <p>NISOC</p>	<p>نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p>احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>							 
شماره پیمان:	DATA SHEETS FOR MANUAL VALVES							شماره صفحه: ۶۶ از ۷۰
۰۵۳ - ۰۷۳ - ۹۱۸۴	پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	
	BK	GCS	PEDCO	120	PI	DT	0002	D02
TAG NO: MV-BAL-C06-HO								
GENERAL DATA								
Type of Valve:					Ball			
Pattern:					Full/Reduced Bore, Split Body, Trunnion Mounted, Wrench .OP, 3 Pieces (Note11)			
Valve Size Range:					2 ~ 3 inch			
Piping Class & C.A:					FN05 & FN07 & C.A: 6			
NACE MR0175/ISO15156 Compliance					Yes			
CODE & STANDARD								
Design Code:					API 6D/ASME B16.34			
Face to Face Dimensional:					ASME B16.10			
Fire Testing:					API 6FA			
Pressure Testing:					API 6D (Preferred)/API 598			
DESIGN DATA								
Pressure Rating:					600#			
Design Pressure:					90 BARG			
Design Temperature:					175 °C			
Body Construction:					Casting			
Trim Construction:					Casting			
End Connection:					FLGD (In acc. with ASME B16.5)			
Finishing:					RF			
MATERIAL								
Body/Bonnet					ASTM A216 WCB			
Ball					SS316			
Stem:					SS316			
Seat:					PTFE			
Seal:					Elast-o-Lion (VTC)			
Packing:					STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE			
Gland:					+ PACKING RING			
Bolt & Nut:					ASTM A193 Gr.B7M/ASTM A194 Gr.2HM			
Bonnet Gasket:					VTA			
<p>General Note:</p> <ol style="list-style-type: none"> 1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2. Inner or outer leakage is not acceptable. 3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7. All valve shall have a fire-safe design. 8. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006. 9. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs. 10. The body split shall be outside the plane of the stem protrusion. 11. Bore type (Full or Reduced) shall be in accordance with MTO for valves Document.No: BK-GCS-PEDCO-120-PI-MT-0004. 								



شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

نگهداشت و افزایش تولید میدان نفتی بینک
سطح الارض

احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک



شماره صفحه: ۷۰ از ۶۷

DATA SHEETS FOR MANUAL VALVES

نسخه	سریال	نوع مدرک	رشته	تسهيلات	صادرکننده	بسته کاری	پروژه
D02	0002	DT	PI	120	PEDCO	GCS	BK

TAG NO: MV-BAL-C06-GO

GENERAL DATA

Type of Valve:	Ball
Pattern:	Full/Reduced Bore, Split Body, Trunnion Mounted, Gear .OP, 3 Pieces (Note 11)
Valve Size Range:	4 ~ 10 inch
Piping Class & C.A:	FN05 & FN07 & C.A: 6
NACE MR0175/ISO15156 Compliance	Yes

CODE & STANDARD

Design Code:	API 6D/ASME B16.34
Face to Face Dimensional:	ASME B16.10
Fire Testing:	API 6FA
Pressure Testing:	API 6D (Preferred)/API 598

DESIGN DATA




Pressure Rating:	600#
Design Pressure:	90 BARG
Design Temperature:	175 °C
Body Construction:	Casting
Trim Construction:	Casting
End Connection:	FLGD (In acc. with ASME B16.5)
Finishing:	RF




MATERIAL




Body/Bonnet	ASTM A216 WCB
Ball	SS316
Stem:	SS316
Seat:	PTFE
Seal:	Elast-o-Lion (VTC)
Packing:	STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING
Gland:	
Bolt & Nut:	ASTM A193 Gr.B7M/ASTM A194 Gr.2HM
Bonnet Gasket:	VTA

General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.
However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.
6. All valve data sheets shall be confirmed by vendor.
7. All valve shall have a fire-safe design.
8. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006.
9. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs.
10. The body split shall be outside the plane of the stem protrusion.
11. Bore type (Full or Reduced) shall be in accordance with MTO for valves Document.No: BK-GCS-PEDCO-120-PI-MT-0004.

	<p style="text-align: center;">نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p style="text-align: center;">احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>						 	
شماره پیمان:	DATA SHEETS FOR MANUAL VALVES							شماره صفحه: ۶۸ از ۷۰
۰۵۳ - ۰۷۳ - ۹۱۸۴	پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
	BK	GCS	PEDCO	120	PI	DT	0002	D02
TAG NO: MV-BAL-C06S-HO								
GENERAL DATA								
Type of Valve:					Ball			
Pattern:					Full/Reduced Bore, Split Body, Trunnion Mounted, Wrench .OP, 3 Pieces (Note 10)			
Valve Size Range:					2 ~ 3 inch			
Piping Class & C.A:					FS00 & C.A: 0			
NACE MR0175/ISO15156 Compliance					Yes			
CODE & STANDARD								
Design Code:					API 6D/ASME B16.34			
Face to Face Dimensional:					ASME B16.10			
Fire Testing:					API 6FA			
Pressure Testing:					API 6D (Preferred)/API 598			
DESIGN DATA								
Pressure Rating:					600#			
Design Pressure:					62.4 BARG			
Design Temperature:					175 °C			
Body Construction:					Casting			
Trim Construction:					Casting			
End Connection:					FLGD (In acc. with ASME B16.5)			
Finishing:					RF			
MATERIAL								
Body/Bonnet					ASTM A351 CF3M			
Ball					SS316			
Stem:					SS316			
Seat:					PTFE			
Seal:					Elast-o-Lion (VTC)			
Packing:					STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE			
Gland:					+ PACKING RING			
Bolt & Nut:					ASTM A193 Gr. B8M/ASTM A194 Gr. 8M			
Bonnet Gasket:					VTA			
<p>General Note:</p> <ol style="list-style-type: none"> 1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2. Inner or outer leakage is not acceptable. 3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7. All valve shall have a fire-safe design. 8. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs. 9. The body split shall be outside the plane of the stem protrusion. 10. Bore type (Full or Reduced) shall be in accordance with MTO for valves Document.No: BK-GCS-PEDCO-120-PI-MT-0004. 								

	<p style="text-align: center;">نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p style="text-align: center;">احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>						 	
شماره پیمان:	DATA SHEETS FOR MANUAL VALVES							شماره صفحه: ۷۰ از ۶۹
۰۵۳ - ۰۷۳ - ۹۱۸۴	پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
	BK	GCS	PEDCO	120	PI	DT	0002	D02
TAG NO: MV-BAL-C06S-GO								
GENERAL DATA								
Type of Valve:					Ball			
Pattern:					Full/Reduced Bore, Split Body, Trunnion Mounted, Gear .OP, 3 Pieces (Note 10)			
Valve Size Range:					4 ~ 8 inch			
Piping Class & C.A:					FS00 & C.A: 0			
NACE MR0175/ISO15156 Compliance					Yes			
CODE & STANDARD								
Design Code:					API 6D/ASME B16.34			
Face to Face Dimensional:					ASME B16.10			
Fire Testing:					API 6FA			
Pressure Testing:					API 6D (Preferred)/API 598			
DESIGN DATA								
Pressure Rating:					600#			
Design Pressure:					62.4 BARG			
Design Temperature:					175 °C			
Body Construction:					Casting			
Trim Construction:					Casting			
End Connection:					FLGD (In acc. with ASME B16.5)			
Finishing:					RF			
MATERIAL								
Body/Bonnet					ASTM A351 CF3M			
Ball					SS316			
Stem:					SS316			
Seat:					PTFE			
Seal:					Elast-o-Lion (VTC)			
Packing:					STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE			
Gland:					+ PACKING RING			
Bolt & Nut:					ASTM A193 Gr.8M/ASTM A194 Gr.8M			
Bonnet Gasket:					VTA			
<p>General Note:</p> <ol style="list-style-type: none"> 1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2. Inner or outer leakage is not acceptable. 3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7. All valve shall have a fire-safe design. 8. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs. 9. The body split shall be outside the plane of the stem protrusion. 10. Bore type (Full or Reduced) shall be in accordance with MTO for valves Document.No: BK-GCS-PEDCO-120-PI-MT-0004. 								

	<p>نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p>احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>							 
شماره پیمان:	DATA SHEETS FOR MANUAL VALVES							شماره صفحه: ۷۰ از ۷۰
۰۵۳ - ۰۷۳ - ۹۱۸۴	پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
	BK	GCS	PEDCO	120	PI	DT	0002	D02
TAG NO: MV-BUT-C01-HO								
GENERAL DATA								
Type of Valve: Pattern: Valve Size Range: Piping Class & C.A: NACE MR0175/ISO15156 Compliance					Butterfly Lug Type, Center Line Seat, H.W.OP 1 ~ 4 inch AX01 & C.A: 0 No			
CODE & STANDARD								
Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:					API 609/CAT A API 609 API 6FA API 598			
DESIGN DATA								
Pressure Rating: Design Pressure: Design Temperature: Body Construction: Trim Construction: End Connection: Finishing:					150# 18.2 BARG 85 °C Casting Casting FLGD (In acc. with ASME B16.5), FF RF			
MATERIAL								
Body/Cover Trim shaft Disc Seat: Body Seat: Packing: Gland: Bolt & Nut: Bonnet Gasket:					A 216 WCB 13Cr 13 Cr 13 Cr PTFE STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING VTA VTA			
General Note: <ol style="list-style-type: none"> 1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated. 2. Inner or outer leakage is not acceptable. 3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR. 4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve. 5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified. 6. All valve data sheets shall be confirmed by vendor. 7. All valve shall have a fire-safe design. 8. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs. 								