
 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 ۶۶

نگهداشت و افزایش تولید میدان نفتی بینک



DATA SHEETS FOR MANUAL VALVES

نگهداشت و افزایش تولید میدان نفتی بینک

Rev.	Date	Purpose of Issue / Status	Prepared by:	Checked by:	Approved by:	CLIENT Approval
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	




Class: 1 CLIENT Doc. Number: F0Z-708885



<p>status:</p> <p>IDC: Inter-Discipline Check</p> <p>IFC: Issued For Comment</p> <p>IFA: Issued For Approval</p> <p>AFD: Approved For Design</p> <p>AFC: Approved For Construction</p> <p>AFP: Approved For Purchase</p> <p>AFQ: Approved For Quotation</p> <p>IFI: Issued For Information</p> <p>AB-R: As-Built for CLIENT Review</p> <p>AB-A: As-Built –Approved</p>
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 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 : ۶۶ از ۲



REVISION RECORD SHEET



page	D00	D01	D02	D03	D04	page	D00	D01	D02	D03	D04
1	x	x				65			x		
2	x	x				66			x		
3	x	x				67					
4	x	x				68					
5	x	x				69					
6	x	x				70					
7	x	x				71					
8	x	x				72					
9	x	x				73					
10	x	x				74					
11	x	x				75					
12	x	x				76					
13	x	x				77					
14	x	x				78					
8	x	x				79					
16	x	x				80					
17	x	x				81					
18	x	x				82					
19	x	x				83					
20	x	x				84					
21	x	x				85					
22	x	x				86					
23	x	x				87					
24	x	x				88					
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37	x	x				101					
38	x	x				102					
39	x	x				103					
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52	x	x				116					
53	x	x				117					
54	x	x				118					
55	x	x				119					
56	x	x				120					
57	x	x				121					
58	x	x				122					
59	x	x				123					
60	x	x				124					
61	x	x				125					
62	x	x				126					
63		x				127					
64		x				128					




	<p>تگهداشت 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 ۱۳					
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-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 Note 10			
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. There are "locked opened/closed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve" 9. 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>								
<p>شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴</p>	<p>DATA SHEETS FOR MANUAL VALVES</p>							<p>شماره صفحه: ۴ از ۶۶</p>	
	پروژه	بسته کاری	صادر کننده	تسهيلات	رشته	نوع مدرک	سریال	نسخه	
	BK	GCS	PEDCO	120	PI	DT	0002		
<p>TAG NO: MV-CHK-F08B</p>									
<p>GENERAL DATA</p>									
<p>Type of Valve: Pattern: Valve Size Range: Piping Class & C.A: NACE MR0175/ISO15156 Compliance</p>					<p>Check Piston Lift Type 1/2 ~ 1 1/2 inch AN04, AN05, AN07, CN05, CN07, FN05 & FN07 & C.A: 6 Yes (Excpet for AN04)</p>				
<p>CODE & STANDARD</p>									
<p>Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:</p>					<p>API 602 / BS EN ISO 15761 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>800# 90 BARG 175 °C Forged SW Note 10</p>				
<p>MATERIAL</p>									
<p>Body/Cover Trim Cover/Bonnet: Stem: Disc Seat: Body Seat: Packing: Gland: Bolt & Nut: Gasket Bonnet:</p>					<p>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</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. There are "locked opened/closed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve" 9. Valves shall be fully painted at vendor shop as per BK-GNRAL-PEDCO-000-PI-SP-0006. 									




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شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴	DATA SHEETS FOR MANUAL VALVES							شماره صفحه: ۵ از ۶۶
	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 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# 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. 8. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"								




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<p>شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴</p>	<table border="1"> <thead> <tr> <th colspan="9">DATA SHEETS FOR MANUAL VALVES</th> </tr> <tr> <th>نسخه</th> <th>سریال</th> <th>نوع مدرک</th> <th>رشته</th> <th>تسهيلات</th> <th>صادرکننده</th> <th>بسته کاری</th> <th>پروژه</th> <th></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> <td></td> </tr> </tbody> </table>	DATA SHEETS FOR MANUAL VALVES									نسخه	سریال	نوع مدرک	رشته	تسهيلات	صادرکننده	بسته کاری	پروژه		D02	0002	DT	PI	120	PEDCO	GCS	BK		<p>شماره صفحه: ۶ از ۶۶</p>
DATA SHEETS FOR MANUAL VALVES																													
نسخه	سریال	نوع مدرک	رشته	تسهيلات	صادرکننده	بسته کاری	پروژه																						
D02	0002	DT	PI	120	PEDCO	GCS	BK																						
<p align="center">TAG NO: MV-CHK-F08AZ</p>																													
<p align="center">GENERAL DATA</p>																													
<p>Type of Valve: Pattern: Valve Size Range: Piping Class & C.A: NACE MR0175/ISO15156 Compliance</p>		<p>Check Piston Lift Type 1/2 ~ 1 1/2 inch AZ00 & C.A: 0 No</p>																											
<p align="center">CODE & STANDARD</p>																													
<p>Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:</p>		<p>BS 5154 ASME B16.10 API 6FA As per API 598</p>																											
<p align="center">DESIGN DATA</p>																													
<p>Pressure Rating: Design Pressure: Design Temperature: Body Construction: End Connection: Finishing:</p>		<p>800# 18.2 BARG 85 °C Forged NPT NA</p>																											
<p align="center">MATERIAL</p>																													
<p>Body/Bonnet Trim Cover/Bonnet: Stem: Disc Seat: Body Seat: Packing: Gland: Bolt & Nut: Bonnet Gasket:</p>		<p>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</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. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve" 																													




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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-C01A</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 AN01 & C.A: 1 No																											
<p style="text-align: center;">CODE & STANDARD</p>																																
Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:					BS 1868/API 6D 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:					150# 18.2 BARG 85 °C Casting FLGD (In acc. with ASME B16.5) Note 10																											
<p style="text-align: center;">MATERIAL</p>																																
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																											
<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. There are "locked opened/closed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve" 9. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006. 11. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs. 																																



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شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴	DATA SHEETS FOR MANUAL VALVES							شماره صفحه: ۸ از ۶۶
	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) Note 10			
MATERIAL								
Body/Cover Trim Cover/Bonnet: Stem: Disc Seat: Body Seat: Packing: Gland: Bolt & Nut: Gasket Bonnet:					ASTM A216 WCB 18Cr-8Ni-Mo(Trim No. 10) BC NA 18Cr-8Ni-Mo 18Cr-8Ni-Mo NA NA ASTM A193 Gr.B7M/ASTM A194 Gr.2HM 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. There are "locked opened/closed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve" 9. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006. 10. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs. 								

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شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴	DATA SHEETS FOR MANUAL VALVES							شماره صفحه: ۹ از ۶۶
	پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	
	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 No			
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) NA			
MATERIAL								
Body/Cover Trim Cover/Bonnet: Stem: Disc Seat: Body Seat: Packing: Gland: Bolt & Nut: Gasket Bonnet:					ASTM A351 CF3M 18Cr-8Ni-Mo/Stellite 6 (Trim No. 12) BC NA 18Cr-8Ni-Mo Stellite 6 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. There are "locked opened/closed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve" 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: ۱۰ از ۶۶														
۰۵۳ - ۰۷۳ - ۹۱۸۴	<table border="1"> <tr> <td>نسخه</td><td>سریال</td><td>نوع مدرک</td><td>رشته</td><td>تسهیلات</td><td>صادر کننده</td><td>بسته کاری</td><td>پروژه</td></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>	نسخه		سریال	نوع مدرک	رشته	تسهیلات	صادر کننده	بسته کاری	پروژه	D02	0002	DT	PI	120	PEDCO	GCS
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# 30.3 BARG 155 °C Casting FLGD Note 10															
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: <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. There are "locked opened/closed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve" 9. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006. 10. 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>تسهيلات</th> <th>صادرکننده</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	تسهيلات	صادرکننده	بسته کاری	پروژه	D02	0002	DT	PI	120	PEDCO	GCS	BK	شماره صفحه: ۱۱ از ۶۶
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-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 No																											
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) NA																											
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. There are "locked opened/closed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve" 9. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs. 																																

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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 align="center">TAG NO: MV-CHK-C06</p>																										
<p align="center">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 align="center">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 align="center">DESIGN DATA</p>																										
<p>Pressure Rating: Design Pressure: Design Temperature: Body Construction: End Connection: Finishing:</p>	<p>600# 90 BARG 175 °C Casting FLGD Note 10</p>																									
<p align="center">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>																									
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شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴	DATA SHEETS FOR MANUAL VALVES							شماره صفحه: ۱۳ از ۶۶
	پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	
	BK	GCS	PEDCO	120	PI	DT	0002	D02
TAG NO: MV-CHK-C06S								
GENERAL DATA								
Type of Valve: Pattern: Valve Size Range: Piping Class & C.A:					Check Swing Type 2 ~ 24 inch FS00 & C.A: 0			
NACE MR0175/ISO15156 Compliance					No			
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:					600# 62.4 BARG 175 °C Casting FLGD (In acc. with ASME B16.5) NA			
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. There are "locked opened/closed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve" 9. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs. 								



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شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

DATA SHEETS FOR MANUAL VALVES

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

شماره صفحه: ۱۴ از ۶۶

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:	Note 10

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. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"
9. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006.



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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 ۶۶

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:	Note 10

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.
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- 7.All valve shall have a fire-safe design.
8. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"
9. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006.



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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 ۶۶

TAG NO: MV-GAT-F08S

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:	AS00, CS00 & FS00 & C.A: 0
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:	62.4 BARG
Design Temperature:	175 °C
Body Construction:	Forged
End Connection:	SW & SW/FNPT
Finishing:	NA



MATERIAL




Body/Bonnet	ASTM A105
Trim:	18Cr-8Ni-Mo(Trim No. 10)
Cover/Bonnet:	BB
Stem:	18Cr-8Ni-Mo
Body Seat Surface	18Cr-8Ni-Mo
Gate Seat Surface	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.
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DATA SHEETS FOR MANUAL VALVES																													
نسخه	سریال	نوع مدرک	رشته	تسهيلات	صادرکننده	بسته کاری	پروژه																						
D02	0002	DT	PI	120	PEDCO	GCS	BK																						
<p align="center">TAG NO: MV-GAT-F08AZ</p>																													
<p align="center">GENERAL DATA</p>																													
<p>Type of Valve: Pattern: Valve Size Range: Piping Class & C.A: NACE MR0175/ISO15156 Compliance</p>		<p>Gate Solid Wedge, H.W.OP 1/2 ~ 1 1/2 inch AZ00 & C.A: 0 No</p>																											
<p align="center">CODE & STANDARD</p>																													
<p>Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:</p>		<p>BS 5154 ASME B16.10 API 6FA As per API 598</p>																											
<p align="center">DESIGN DATA</p>																													
<p>Pressure Rating: Design Pressure: Design Temperature: Body Construction: End Connection: Finishing:</p>		<p>800# 18.2 BARG 85 °C Forged NPT NA</p>																											
<p align="center">MATERIAL</p>																													
<p>Body/Bonnet Trim: Cover/Bonnet: Stem: Body Seat Surface Gate Seat Surface Packing: Gland: Bolt & Nut: Bonnet Gasket:</p>		<p>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</p>																											
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<p>شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴</p>	<p>DATA SHEETS FOR MANUAL VALVES</p>							<p>شماره صفحه: ۱۸ از ۶۶</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>								
Type of Valve:					Gate			
Pattern:					Flexible Wedge, H.W.OP			
Valve Size Range:					2~12 inch			
Piping Class & C.A:					AN01 & C.A: 1			
NACE MR0175/ISO15156 Compliance					No			
<p>CODE & STANDARD</p>								
Design Code:					API600			
Face to Face Dimensional:					ASME B16.10			
Fire Testing:					API 6FA			
Pressure Testing:					As per API 598			
<p>DESIGN DATA</p>								
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:					Note 10			
<p>MATERIAL</p>								
Body/Bonnet					ASTM A216 WCB			
Trim:					13Cr/Stellite 6 (Trim No. 8)			
Cover/Bonnet:					BB			
Stem:					13Cr			
Body Seat Surface					Stellite 6			
Gate Seat Surface					13Cr			
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. There are "locked opened/closed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve" 9. Valves shall be fully painted at vendor shop as per BK-GNRAL-PEDCO-000-PI-SP-0006. 10. 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: ۱۹ از ۶۶
	پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
	BK	GCS	PEDCO	120	PI	DT	0002	D02
TAG NO: MV-GAT-C01B-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 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) Note 10			
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. There are "locked opened/closed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve" 9. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006. 10. 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: ۲۰ از ۶۶</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>								
Type of Valve:					Gate			
Pattern:					Flexible Wedge, H.W.OP			
Valve Size Range:					2~12 inch			
Piping Class & C.A:					AS00 & C.A: 0			
NACE MR0175/ISO15156 Compliance					No			
<p>CODE & STANDARD</p>								
Design Code:					API600			
Face to Face Dimensional:					ASME B16.10			
Fire Testing:					API 6FA			
Pressure Testing:					As per API 598			
<p>DESIGN DATA</p>								
Pressure Rating:					150#			
Design Pressure:					13.9 BARG			
Design Temperature:					85 °C			
Body Construction:					Casting			
End Connection:					FLGD (In acc. with ASME B16.5)			
Finishing:					NA			
<p>MATERIAL</p>								
Body/Bonnet					ASTM A351 CF3M			
Trim:					18Cr-8Ni-Mo(Trim No. 10)			
Cover/Bonnet:					BB			
Stem:					18Cr-8Ni-Mo			
Body Seat Surface					18Cr-8Ni-Mo			
Gate Seat Surface					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			
<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. There are "locked opened/closed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve" 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: ۶۶ از ۲۱	
	پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک		
	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.:					Gate Flexible Wedge, Gear .OP 14~24 inch AN01 & C.A: 1			
NACE MR0175/ISO15156 Compliance					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) Note 10			
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. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve" 9. Valves shall be fully painted at vendor shop as per BK-GNRAL-PEDCO-000-PI-SP-0006. 10. 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: ۶۶ از ۲۲
	پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
	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.:					Gate Flexible Wedge, Gear .OP 14~24 inch AN04, AN05 & AN07 & C.A: 6			
NACE MR0175/ISO15156 Compliance					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) Note 10			
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. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve" 9. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006. 10. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs.								




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شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴	DATA SHEETS FOR MANUAL VALVES							شماره صفحه: ۲۳ از ۶۶
	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 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# 13.9 BARG 85 °C Casting FLGD (In acc. with ASME B16.5) NA			
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. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve" 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: ۲۴ از ۶۶
	پروژه BK	بسته کاری GCS	صادر کننده PEDCO	تسهیلات 120	رشته PI	نوع مدرک DT	سریال 0002	نسخه 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# 48 BARG 155 °C Casting FLGD (In acc. with ASME B16.5) Note 10			
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. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve" 9. Valves shall be fully painted at vendor shop as per BK-GNRAL-PEDCO-000-PI-SP-0006. 10. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs.								



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شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴	DATA SHEETS FOR MANUAL VALVES							شماره صفحه: ۲۵ از ۶۶
	پروژه	بسته 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 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:					300# 30 BARG 155 °C Casting FLGD (In acc. with ASME B16.5) NA			
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. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve" 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: ۲۶ از ۶۶
	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) Note 10			
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. There are "locked opened/closed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve" 9. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006. 10. 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: ۲۷ از ۶۶</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) Note 10</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(Trim No. 10) BB 18Cr-8Ni-Mo 18Cr-8Ni-Mo 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. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve" 9. Valves shall be fully painted at vendor shop as per BK-GNRAL-PEDCO-000-PI-SP-0006. 10. 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: ۲۸ از ۶۶	
	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 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:					600# 62.4 BARG 175 °C Casting FLGD (In acc. with ASME B16.5) NA				
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. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve" 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:	DATA SHEETS FOR MANUAL VALVES								شماره صفحه: ۲۹ از ۶۶
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-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) Note 10				
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: <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. There are "locked opened/closed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve" 9. Valves shall be fully painted at vendor shop as per BK-GNRAL-PEDCO-000-PI-SP-0006. 10. 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: ۳۰ از ۶۶	
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:						Globe		
Pattern:						OS&Y, SWIVEL PLUG DISC, 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:						API 602/MFR		
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		
Trim Construction:						Forged (VTC)		
End Connection:						SW		
Finishing:						Note 10		
MATERIAL								
Body/Bonnet						ASTM A105		
Trim						13Cr + Stellite 6 (Trim No.8)		
Cover						BC		
Stem:						13Cr		
Disc Seat:						13Cr		
Body Seat:						Stellite 6		
Packing:						STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING		
Gland:						VTA		
Bolt & Nut:						ASTM A193 Gr.B7/ASTM A194 Gr.2H		
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. There are "locked opened/closed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve" 9. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006. 								

	<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: ۳۱ از ۶۶	
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 Note 10		
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. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve" 9. 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: ۶۶ 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-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 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# 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. 8. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"								

 NISOC	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"> <thead> <tr> <th colspan="9">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>صادرکننده</th> <th>بسته کاری</th> <th>پروژه</th> <th></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> <td></td> </tr> </tbody> </table>	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: ۳۳ از ۶۶
DATA SHEETS FOR MANUAL VALVES																													
نسخه	سریال	نوع مدرک	رشته	تسهیلات	صادرکننده	بسته کاری	پروژه																						
D02	0002	DT	PI	120	PEDCO	GCS	BK																						
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 BARG 85 °C Forged NPT NA																											
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. 8. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"																													

 <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: ۳۴ از ۶۶	
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:					Globe				
Pattern:					OS&Y, SWIVEL PLUG DISC, H.W.OP				
Valve Size Range:					2 ~ 6 inch				
Piping Class & C.A:					AN01 & C.A: 1				
NACE MR0175/ISO15156 Compliance					No				
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:					18.2 BARG				
Design Temperature:					85 °C				
Body Construction:					Casting				
Trim Construction:					Casting				
End Connection:					FLGD (In acc. with ASME B16.5)				
Finishing:					Note 10				
MATERIAL									
Body/Bonnet					ASTM A216 WCB				
Trim					13Cr + Stellite 6 (Trim No.8)				
Cover/Bonnet:					BB				
Stem:					13Cr				
Disc Seat:					13Cr				
Body Seat:					Stellite 6				
Packing:					STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING				
Gland:					VTA				
Bolt & Nut:					ASTM A193 Gr.B7/ASTM A194 Gr.2H				
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. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve" 9. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006. 10. 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>																							
<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>صادرکننده</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	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه	BK	GCS	PEDCO	120	PI	DT	0002	D02	<p>شماره صفحه: ۳۵ از ۶۶</p>
پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه																	
BK	GCS	PEDCO	120	PI	DT	0002	D02																	
<p>TAG NO: MV-GLB-C01B-HO</p>																								
<p>GENERAL DATA</p>																								
<p>Type of Valve: Pattern: Valve Size Range: Piping Class & C.A: NACE MR0175/ISO15156 Compliance</p>					<p>Globe OS&Y, SWIVEL PLUG DISC, H.W.OP 2 ~ 6 inch AN04, AN05 & AN07 & C.A: 6 Yes (Except for AN04)</p>																			
<p>CODE & STANDARD</p>																								
<p>Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:</p>					<p>BS 1873 ASME B16.10 API 6FA As per API 598</p>																			
<p>DESIGN DATA</p>																								
<p>Pressure Rating: Design Pressure: Design Temperature: Body Construction: Trim Construction: End Connection: Finishing:</p>					<p>150# 18.2 BARG 85 °C Casting Casting FLGD (In acc. with ASME B16.5) Note 10</p>																			
<p>MATERIAL</p>																								
<p>Body/Bonnet Trim Cover/Bonnet: Stem: Disc Seat: Body Seat: Packing: Gland: Bolt & Nut: Bonnet Gasket:</p>					<p>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>																			
<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. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve" 9. Valves shall be fully painted at vendor shop as per BK-GNRAL-PEDCO-000-PI-SP-0006. 10. 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: ۳۶ از ۶۶

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	No

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:	NA




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. There are "locked opened/closed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"
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: ۳۷ از ۶۶	
	پروژه BK	بسته کاری GCS	صادرکننده PEDCO	تسهیلات 120	رشته PI	نوع مدرک DT	سریال 0002	نسخه D02
TAG NO: MV-GLB-C01-GO								
GENERAL DATA								
Type of Valve:					Globe			
Pattern:					OS&Y, SWIVEL PLUG DISC, Gear.OP			
Valve Size Range:					8 ~ 24 inch			
Piping Class & C.A:					AN04, AN05 & AN07 & C.A: 6			
NACE MR0175/ISO15156 Compliance					Yes (Except for AN04)			
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:					18 BARG			
Design Temperature:					85 °C			
Body Construction:					Casting			
Trim Construction:					Casting			
End Connection:					FLGD (In acc. with ASME B16.5)			
Finishing:					Note 10			
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 + 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. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve" 9. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006. 10. 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: ۲۸ از ۶۶	
	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:						Globe		
Pattern:						OS&Y, SWIVEL PLUG DISC, Gear.OP		
Valve Size Range:						8 ~ 24 inch		
Piping Class & C.A:						AS00 & C.A: 0		
NACE MR0175/ISO15156 Compliance						No		
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:						NA		
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. There are "locked opened/closed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve" 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: ۳۹ از ۶۶
	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:					Note 10			
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. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve" 9. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006. 10. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs.								








شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴	DATA SHEETS FOR MANUAL VALVES							شماره صفحه: ۶۶ از ۴۰	
	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:					Globe				
Pattern:					OS&Y, SWIVEL PLUG DISC, H.W.OP				
Valve Size Range:					2 ~ 6 inch				
Piping Class & C.A:					CS00 & C.A: 0				
NACE MR0175/ISO15156 Compliance					No				
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:					30.3 BARG				
Design Temperature:					155 °C				
Body Construction:					Casting				
Trim Construction:					Casting				
End Connection:					FLGD (In acc. with ASME B16.5)				
Finishing:					NA				
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. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"									
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: ۴۱ از ۶۶	
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-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# 48 BARG 155 °C Casting Casting FLGD Note 10				
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. There are "locked opened/closed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve" 9. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006. 10. 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: ۴۲ از ۶۶	
	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) Note 10				
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. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve" 9. Valves shall be fully painted at vendor shop as per BK-GNRAL-PEDCO-000-PI-SP-0006. 10. 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: ۴۳ از ۶۶
	پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
	BK	GCS	PEDCO	120	PI	DT	0002	D02
TAG NO: MV-GLB-C06S-HO								
GENERAL DATA								
Type of Valve:					Globe			
Pattern:					OS&Y, SWIVEL PLUG DISC, H.W.OP			
Valve Size Range:					2 ~ 4 inch			
Piping Class & C.A:					FS00 & C.A: 0			
NACE MR0175/ISO15156 Compliance					No			
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:					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:					NA			
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: <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. There are "locked opened/closed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve" 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: ۴۴ از ۶۶
	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:					Globe			
Pattern:					OS&Y, SWIVEL PLUG DISC, Gear.OP			
Valve Size Range:					6 ~ 12 inch			
Piping Class & C.A:					FN05 & FN07 & 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:					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:					Note 10			
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 + 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. There are "locked opened/closed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve" 9. Valves shall be fully painted at vendor shop as per BK-GNRAL-PEDCO-000-PI-SP-0006. 10. 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: ۴۵ از ۶۶					
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-C06S-GO								
GENERAL DATA								
Type of Valve:					Globe			
Pattern:					OS&Y, SWIVEL PLUG DISC, Gear.OP			
Valve Size Range:					6~12 inch			
Piping Class & C.A:					FS00 & C.A: 0			
NACE MR0175/ISO15156 Compliance					No			
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:					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:					NA			
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			
<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. There are "locked opened/closed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve" 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: ۴۶ از ۶۶	
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-F08A								
GENERAL DATA								
Type of Valve: Pattern: Valve Size Range: Piping Class & C.A: NACE MR0175/ISO15156 Compliance						Ball Reduced Bore, Floating Ball, Wrench .OP, 2 Pieces 1/2 ~ 1 1/2 inch ANO1 & 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 Note 10		
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. There are "locked opened/closed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve" 9. Valves shall be fully painted at vendor shop as per BK-GNRAL-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: ۴۷ از ۶۶	
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-F08B								
GENERAL DATA								
Type of Valve:						Ball		
Pattern:						Reduced 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:						Note 10		
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		
<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. There are "locked opened/closed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve" 9. Valves shall be fully painted at vendor shop as per BK-GNRL-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: ۶۸ از ۶۶
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-F08S								
GENERAL DATA								
Type of Valve:					Ball			
Pattern:					Reduced 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					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:					62.4 BARG			
Design Temperature:					175 °C			
Body Construction:					Forged			
Trim Construction:					Forged (VTC)			
End Connection:					SW			
Finishing:					NA			
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			
<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. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve" 								



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: ۴۹ از ۶۶

TAG NO: MV-BAL-F08AZ

GENERAL DATA

Type of Valve:	Ball
Pattern:	Reduced 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:	NA




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. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"




 <p>NISOC</p>	<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: ۵۰ از ۶۶
	پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
	BK	GCS	PEDCO	120	PI	DT	0002	D02
TAG NO: MV-BAL-C01AF-HO								
GENERAL DATA								
Type of Valve: Pattern: Valve Size Range: Piping Class & C.A.:						Ball Full Bore, Split Body, Floating Ball, Wrench .OP, 2 Pieces 2 AN01 & C.A: 1		
NACE MR0175/ISO15156 Compliance						No		
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) Note 10		
MATERIAL								
Body/Bonnet Ball Stem: Seat: Seal: Packing: Gland: Bolt & Nut: Bonnet Gasket:						ASTM A216 WCB 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. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve" 9. Valves shall be fully painted at vendor shop as per BK-GNRAL-PEDCO-000-PI-SP-0006. 10. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs. 11. The body split shall be outside the plane of the stem protrusion								




 <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: ۵۱ از ۶۶
	پروژه	بسته کاری	صادرکننده	تجهیزات	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 Bore, Split Body, Trunnion Mounted, Wrench .OP, 2 Pieces		
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:						Note 10		
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		
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. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve" 9. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006. 10. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs. 11. The body split shall be outside the plane of the stem protrusion. 								




 <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: ۵۲ از ۶۶
	پروژه	بسته کاری	صادر کننده	تجهیزات	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 Bore, Split Body, Floating Ball, Wrench .OP, 2 Pieces			
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:					Note 10			
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			
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. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve" 9. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006. 10. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs. 11. The body split shall be outside the plane of the stem protrusion.								

 <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: ۵۳ از ۶۶	
۰۵۳ - ۰۷۳ - ۹۱۸۴	پروژه	بسته کاری	صادرکننده	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 Bore, Split Body, Trunnion Mounted, Wrench .OP, 2 Pieces				
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:					Note 10				
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. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve" 9. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006. 10. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs. 11. The body split shall be outside the plane of the stem protrusion. 									

 <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: ۶۶ از ۶۶
	پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
	BK	GCS	PEDCO	120	PI	DT	0002	D02
TAG NO: MV-BAL-C01SF-HO								
GENERAL DATA								
Type of Valve: Pattern: Valve Size Range: Piping Class & C.A: NACE MR0175/ISO15156 Compliance					Ball Full Bore, Split Body, Floating Ball, Wrench .OP, 2 Pieces 2 inch AS00 & C.A: 0 No			
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) NA			
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 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. There are "locked opened/closed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve" 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 								

	<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: ۶۶ از ۵۵
	پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
	BK	GCS	PEDCO	120	PI	DT	0002	D02
TAG NO: MV-BAL-C01ST-HO								
GENERAL DATA								
Type of Valve:	Ball							
Pattern:	Full Bore, Split Body, Trunnion Mounted, Wrench .OP, 2 Pieces							
Valve Size Range:	3 ~ 6 inch							
Piping Class & C.A:	AS00 & C.A: 0							
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:	13.9 BARG							
Design Temperature:	85 °C							
Body Construction:	Casting							
Trim Construction:	Casting							
End Connection:	FLGD (In acc. with ASME B16.5)							
Finishing:	NA							
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. There are "locked opened/closed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve" 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.								

	<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: ۵۶ از ۶۶	
	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 Bore, Split Body, Trunnion Mounted, Gear .OP 8 ~ 10 inch → 2 Piecess 12 ~ 16 inch → 3 Piecess 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) Note 10			
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			
<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. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve" 9. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006. 10. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs. 11. The body split shall be outside the plane of the stem protrusion. 								

 <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: ۷۵ از ۶۶
۰۵۳ - ۰۷۳ - ۹۱۸۴	پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال	
	BK	GCS	PEDCO	120	PI	DT	0002	D02
TAG NO: MV-BAL-C01S-GO								
GENERAL DATA								
Type of Valve:					Ball			
Pattern:					Full Bore, Split Body, Trunnion Mounted, Gear .OP			
Valve Size Range:					8 ~ 10 inch → 2 Piecess 12 ~ 16 inch → 3 Piecess			
Piping Class & C.A:					AS00 & C.A: 0			
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:					14 BARG			
Design Temperature:					85 °C			
Body Construction:					Casting			
Trim Construction:					Casting			
End Connection:					FLGD (In acc. with ASME B16.5)			
Finishing:					NA			
MATERIAL								
Body/Bonnet					ASTM A351 CF3M			
Ball					SS316			
Stem:					SS316			
Seat:					PTFE			
Seal:					Elast-o-Lion (VTC)			
Body Seat:					PTFE			
Packing:					STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING			
Gland:					VTA			
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. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve" 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. 								



DATA SHEETS FOR MANUAL VALVES

شماره ۵ صفحه ۵۸؛ ۶۶

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

TAG NO: MV-BAL-C03F-HO

GENERAL DATA

Type of Valve:	Ball
Pattern:	Full Bore, Split Body, Floating Ball, Wrench .OP, 2 Piece
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:	Note 10

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




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. There are "locked opened/closed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"
9. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006.
10. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs.
- 11. The body split shall be outside the plane of the stem protrusion.**



شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴	DATA SHEETS FOR MANUAL VALVES								شماره صفحه: ۵۹ از ۶۶
	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:	Ball								
Pattern:	Full Bore, Split Body, Trunnion Mounted, Wrench .OP, 2 Pieces								
Valve Size Range:	3~6 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:	Note 10								
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								
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. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"									
9. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006.									
10. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs.									
11.The body split shall be outside the plane of the stem protrusion.									

 <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: ۶۰ از ۶۶
	پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
	BK	GCS	PEDCO	120	PI	DT	0002	D02
TAG NO: MV-BAL-C03SF-HO								
GENERAL DATA								
Type of Valve:					Ball			
Pattern:					Full Bore, Split Body, Floating Ball, Wrench .OP, 2 Piecess			
Valve Size Range:					2 inch			
Piping Class & C.A:					CS00 & C.A: 0			
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:					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:					NA			
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			
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. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve" 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.								

 <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: ۶۶ از ۶۱	
	پروژه	بسته کاری	صادر کننده	تجهیزات	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 Bore, Split Body, Trunnion Mounted, Wrench .OP, 2 Pieces			
Valve Size Range:					3~6 inch			
Piping Class & C.A:					CS00 & C.A: 0			
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:					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:					NA			
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			
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. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve" 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. 								

 <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: ۶۶ از ۶۲
	پروژه BK	بسته کاری GCS	صادر کننده PEDCO	تسهیلات 120	رشته PI	نوع مدرک DT	سریال 0002	نسخه D02
TAG NO: MV-BAL-C06-HO								
GENERAL DATA								
Type of Valve:					Ball			
Pattern:					Full Bore, Split Body, Trunnion Mounted, Wrench .OP, 3 Pieces			
Valve Size Range:					2 ~ 4 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:					## °C			
Body Construction:					Casting			
Trim Construction:					Casting			
End Connection:					FLGD (In acc. with ASME B16.5)			
Finishing:					Note 10			
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. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve" 9. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006. 10. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs. 11. The body split shall be outside the plane of the stem protrusion. 								



شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

نگهداشت 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	صادر کننده	بسته کاری	پروژه
D02	0002	DT	PI	120	PEDCO	GCS	BK



شماره صفحه: ۶۶ از ۶۳

TAG NO: MV-BAL-C06-GO

GENERAL DATA

Type of Valve:	Ball
Pattern:	Full Bore, Split Body, Trunnion Mounted, Gear .OP, 3 Pieces
Valve Size Range:	6 ~ 8 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:	### °C
Body Construction:	Casting
Trim Construction:	Casting
End Connection:	FLGD (In acc. with ASME B16.5)
Finishing:	Note 10




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

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. There are "locked opened/closed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"
9. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006.
10. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs.
11. The body split shall be outside the plane of the stem protrusion.

	<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: ۶۴ از ۶۶
	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: Pattern: Valve Size Range: Piping Class & C.A: NACE MR0175/ISO15156 Compliance					Ball Full Bore, Split Body, Trunnion Mounted, Wrench .OP, 3 Pieces 2 ~ 4 inch FS00 & C.A: 0 No			
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:					600# 62 BARG ### °C Casting Casting FLGD (In acc. with ASME B16.5) NA			
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. There are "locked opened/closed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve" 9. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs. 12. The body split shall be outside the plane of the stem protrusion. 								

	<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: ۶۵ از ۶۶
	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 Bore, Split Body, Trunnion Mounted, Gear .OP, 3 Pieces			
Valve Size Range:					6 ~ 8 inch			
Piping Class & C.A:					FS00 & C.A: 0			
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:					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:					NA			
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			
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. There are "locked opened/closed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve" 9. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs. 12. The body split shall be outside the plane of the stem protrusion.								

	<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 ۶۶
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:					Butterfly			
Pattern:					Lug Type, Center Line Seat, H.W.OP			
Valve Size Range:					1 ~ 4 inch			
Piping Class & C.A:					AX01 & C.A: 0			
NACE MR0175/ISO15156 Compliance					No			
CODE & STANDARD								
Design Code:					API 609/CAT A			
Face to Face Dimensional:					API 609			
Fire Testing:					API 6FA			
Pressure Testing:					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), FF			
Finishing:					NA			
MATERIAL								
Body/Cover					A 216 WCB			
Trim					13Cr			
shaft					13 Cr			
Disc Seat:					13 Cr			
Body Seat:					PTFE			
Packing:					STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE			
Gland:					+ PACKING RING			
Bolt & Nut:					VTA			
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. There are "locked opened/closed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve" 9. Valves with weight of 500 KG and more shall be equipped with Lifting Lugs. 								