

**NISOC** 

# نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض

# شرکت تومد پتردایرا<sup>ن</sup>





# احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک

MECHANICAL DATA SHEETS FOR 2nd STAGE G.C. SUCTION DRUMS

شماره پیمان:	پروژه	بسته کاری	صادر کننده	تسهيلات	رشته	نوع مدرك	سريال	نسخه
٤٨١٤ – ٧٣ – ٩١٨٤	BK	GCS	PEDCO	120	ME	DT	0004	D05

شماره صفحه: ۱ از ۸

# طرح نگهداشت و افزایش تولید ۲۷ مخزن

## MECHANICAL DATA SHEETS FOR 2nd STAGE G.C. SUCTION DRUMS

# نگهداشت و افزایش تولید میدان نفتی بینک

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Rev.	Date	Purpose of Issue / Status	Prepared by:	Checked by:	Approved by:	CLIENT Approval
D00	DEC.2021	IFC	H.Adineh	M.Fakharian	M.Mehrshad	
D01	JAN. 2022	IFA	H.Adineh	M.Fakharian	M.Mehrshad	
D02	MAY. 2022	IFA	H.Adineh	M.Fakharian	M.Mehrshad	
D03	SEP.2022	IFA	H.Adineh	M.Fakharian	M.Mehrshad	
D04	JUN.2023	IFA	H.Adineh	M.Fakharian	A.M.Mohseni	
D05	SEP.2024	IFA	V.Amjadi	M.Fakharian	M. Sadeghian	

Class: 1 CLIENT Doc. Number: F0Z-708835

status: IDC: Inter-Discipline Check

IFC: Issued For Comment
IFA: Issued For Approval
AFD: Approved For Design

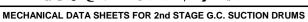
AFC: Approved For Construction
AFP: Approved For Purchase
AFQ: Approved For Quotation
IFI: Issued For Information

AB-R: As-Built for CLIENT Review

AB-A: As-Built -Approved



# احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک







شماره صفحه: ۲ از ۸

#### **REVISION RECORD SHEET**

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Page	D05	D06	D07	D08	D09
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نماره پیمان:

# نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض

# احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک

MECHANICAL DATA SHEETS FOR 2nd STAGE G.C. SUCTION DRUMS

 نسخه
 سریال
 نوع مدر ک
 رشته
 تسهیلات
 صادر کننده
 بسته کاری
 پروژه

 BK
 GCS
 PEDCO
 120
 ME
 DT
 0004
 D05



شماره صفحه: ۱۳ز ۸

#### **General Notes**

#### Rev

- 1. The Asterisk \* denotes information and/or confirmation required from VENDOR.
- 2. Deleted
- 3. VENDOR shall include for the services of a independent verification body for mechanical design, stage inspection, testing and stamping of the equipment (if possible).
- 4. Painting and coating (external) shall be as per project 'Specification for Painting', Doc. No. BK-GNRAL-PEDCO-000-PI-SP-0006. Specification for Lining', Doc. No. BK-GNRAL-PEDCO-000-PI-SP-0007.
- 5. Flanges shall comply with ASME B16.5. Nozzle bolt holes shall straddle the natural centrelines for horizontal nozzles. VENDOR to confirm maximum allowable nozzle loads and moments (RF: Raised Face, WN: Welding Neck)
- 6. All reinforcement pads shall have 1/4" (6mm) tell-tale hole and 1/8" (3mm) vent hole as per Standard Detail Drawing For Pressure Vessels and Heat Exchangers', Doc. No. BK-GNRAL-PEDCO-000-ME-DW-0001".
- 7. Manways shall be supplied complete with blind flange, external grab handles, internal grab handle and ladder rungs, nuts, bolting, gasket and proof load test davits. Davits shall be proof load tested on the vessels to 1.5 x Safe Working Load (SWL) and shall be marked accordingly.
- 8. All external bolts and nuts shall be hot dip galvanized. Internal bolts and nuts shall be stainless steel.
- 9. Loads at support base, Shall be calculated and determined by vendor.
- 10. Access Ladder & Platform to be considered.
- 11. Deleted
- 12. All material, corrosion allowance and their suitability for the process fluid at design pressure and temperature to be confirmed by vendor.
- 13. Deleted
- 14. All nozzle locations and orientations to be finalized later.
- 15. Instrumentation items are excluded from vendor's scope of supply.
- 16. Any changes in material of construction, location & orientation of the nozzles shall be confirmed by client.
- 17. All materials shall be new and unused.
- 18. Fabrication tolerances for vessel shall be in accordance with requirement of ASME code.
- 19. Location and number of lifting lugs on vessels shall be specificed on VENDOR drawing.
- 20. All items shall be clearly match marked against vessel drawings to facilitate erection.
- 21. For instrument's connections please refer to project "Specification For Instrumentation", Doc. No. BK-GNRAL-PEDCO-000-IN-SP-0001 Doc. No. BK-GNRAL-PEDCO-000-IN-SP-0001 and Instrument Hook-up Diagram, Doc.No.BK-PPL-PEDCO-320-IN-DG-0002
- 22. Vendor shall supply details of all welding connections and give general specification of used materials.
- 23. For equipment requiring PWHT, final inspection and acceptance by the CLIENT or its nominated representative shall only be undertaken against NDE after PWHT. All weldings shall be made before vessel heat treatment (if any).
- 24. Equipment packaging, preparation for shipment and delivery shall be in accordance with the project Packing, Marking, Transportation Procedure Doc. No. "BK-GNRAL-PEDCO-000-QC-PR-0045".
- 25. Specified accessories and attachments shall be supplied by vendor.
- 26. Gasket shall be spiral wound type, graphite filled with inner ring and outer ring S.S.316
- 27. Fire proofing requirement will be specified as per result of fire proofing zone layout. "Area Classification: Zone 2, IIB, T3"
- 28. Insulation shall be as per project 'Specification for Insulation', Document No. BK-GNRAL-PEDCO-000-PI-SP-0019.
- 29. Two M12 earthing lugs shall be provided on vessel support. Material of Earthing lugs shall be S.S. 316



#### **NISOC**

۱۸۶ – ۲۷۰ – ۹۱۸۶

# نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض

#### احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک

MECHANICAL DATA SHEETS FOR 2nd STAGE G.C. SUCTION DRUMS

 نسخه
 سریال
 نوع مدر ک
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 تسهیلات
 صادر کننده
 بسته کاری
 پروژه

 BK
 GCS
 PEDCO
 120
 ME
 DT
 0004
 D05



شماره صفحه: ٤ از ٨

#### General Notes (Cont'd)

#### Rev

- 30. For standard detail of Earth lug execution refer to the Project "Standard Detail Drawing For Pressure Vessels and Heat Exchangers Doc. No. BK-GNRAL-PEDCO-000-ME-DW-0001".
- 31. Elliptical heads shall be Ultrasonic Tested for LAMINATION after forming.

شماره پیمان:

- 32. The projection of equipment's nozzles should be considered as per 'Standard Detail Drawing For Pressure Vessels and Heat Exchangers', Doc. No. BK-GNRAL-PEDCO-000-ME-DW-0001". Projection of Horizontal & Vertical nozzles is from tengent line and centerline respectively.
- 33. The elevation of equipment's nozzels should be specified as follows:
  - I. For vertical vessels : from bottom T.L.
  - II. For horizontal vessels: from Left T.L.
- 34. Nozzles and flanges shall be suitably supported and reinforced based on nozzle loads provided in project Specification for Pressure Vessels, Document No. BK-GNRAL-PEDCO-000-ME-SP-0001.
- 35. Prior to sealing the vessel for shipping and storage, the inside surface of the equipment shall be 100% visually inspected. Internal surfaces shall be clean and thoroughly dried. The CLIENT or its nominated representative shall witness the cleanliness of internal surfaces. Flange faces shall be protected by wooden or plastic dummy flanges.
- 36. Minimum requirement for pre-commissioning, commissioning, start up and two years operation and spare parts shall be in accordance with document E&C-QC-SP-1.
- 37 Lifting Lugs / trunnions shall be provided to facilitate a single point lift. If a single point lift cannot be achieved without the use of a lifting beam, then VENDOR shall provide a suitable, certified, lifting beam.
- 38. Design pressure specified is at top of vessels. VENDOR design shell include static head for vessels flooded with specific gravity of the handled liquid.
- 39. VENDOR is to maximize shop fabrication based on the following transportation limits:
  - Maximum weight: 96 tonnes
  - Maximum load per axle: 12 tonnes
  - Maximum length: 50.0 mMaximum width: 5.0 m
  - Maximum height: 5.2 m
  - For items with dimensions and weights greater than the road capacity specified above, VENDOR may be required to split the package into several components.
- 40. All external attachments directly welded to the pressure part shall be the same material as vessel grade.
- 41. The Vendor shall be fully responsible for the complete mechanical design, preparing calculation book and supply of the vessel.
- 42. All dimensions shown are in mm unless otherwise indicated. All nozzle sizes are in inch.
- 43. Deleted
- 44. DEMISTER specification will be finilized later.
- 45. The material shall be in compliance with NACE MR0175/ISO15156 and Specification For Material Requirements in Sour service Document No. BK-GNRAL-PEDCO-000-PI-SP-0008.
- 46. Welded carbon and carbon manganess steels for vessel shall comply with the following:

Carbon content shall not exceed 0.23%.

Based on the ladel analysis, below equation shall be satisfied.

Ceq. = C+MN/6+(Cr+Mo+V)/5+(Cu+Ni)/15 < 0.42 %

- 47. All carbon steel material shall be fully killed, fine grain treated and supplied in the normalized condition.
- 48. VENDOR to advise (VTA) internal for inlet nozzle.



# احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک



NISOC

MECHANICAL DATA SHEETS FOR 2nd STAGE G.C. SUCTION DRUMS

	شماره پیمان:	پروژه	بسته کاری	صادر کننده	تسهيلات	رشته	نوع مدرك	سريال	نسخه
۹۱۸٤ – ۲۷۰ – ۲۵۰		BK	GCS	PEDCO	120	ME	DT	0004	D05

شماره صفحه: ٥ از ٨

			Mech. Data Sheet For 2nd Stage G.C. Such	tion Drums (V-2102 A/B/C) / sheet 1 of 4	4	
Rev			DATA S	HEET		Rev
	1		Stage G.C. Suction Drums			
	2		02 A/B/C	Quantity: 3 Set		
	3	Type : Press	sure Vessel			
	4		Process D	esign Data	GOO YYOG	
	5	Contents	(0)	Corrosive / Erosive	CO2, H2S	4
	-	Operating Temp. (°C)	60	Liquid Flow (kg/h)		-
		Operating Press. (barg)	18.3	Vap. Molec. Weight (kg/kmol)		-
	-	Gas Flow (kg/h)		Liquid Sp. Gravity	0.01828	-
		Liquid Viscosity (cP)	Machanical	Service:	Sour HC D05	-
	10	Design Temp. (°C)	115.4	Design Data Vessel Orientation	Vertical Vertical	4
		Design Temp. (°C) Design Press. (barg)	F.V / 22		mm) 1100	D05
		Test Press. (barg)	Per Code & Specification	`	(m³)	פטען
		Internal Vacuum (barg)	Yes		(m ) mm) -	-
		In. Dia. of Shell (mm)	900		mm) -	-
		Tan/Tan Dim. (mm)	3000	Boot Head Type	-	-
		Vessel Head Type	2:1 Elliptical		mm) -	-
		Shell Wall Thk. (mm)	2.1 Empucar *	Joint Efficiency	0.85 (Shell) / 1 (Head)	-
		Head Wall Thk. (mm)	* (After Forming)		(°C)	-
	19	nead Wall Tilk. (IIIII)		Ambient remp.	( C)	-
		Seismic Design	Site Class: D, Code: ASCE 7-10 Fa=1,FV=1.33,S1=0.46,Ss=1.125,I=1.25		(°C) 5	
		Wind Design	Speed: 232 Km/hr (Max.), Code: ASCE 7-10	Insulation Required	Yes, PP	
	22			erials		
		Code	ASME II / ASTM	Nozzle Necks:	A 106 Gr.B + 3mm Clad SS 316L	
		Shell / Heads	A 516 Gr. 70 N + 3mm Clad SS 316L	Pipes	A 106 Gr.B + 3mm Clad SS 316L	
		Heads	A 516 Gr. 70 N + 3mm Clad SS 316L	Plates	A 516 Gr.70 N	
		Lining / Cladding	-/3mm SS 316L	Forgings	A 105 N + 3mm Clad SS 316L	
		Leg / Pad	A 283 Gr.C/A 516 Gr. 70	Flanges	A 105 N+ 3mm Clad SS 316L	
		Platform Gratings	Hot Dip Galvanized C.S.	Fittings	A 234 Gr. WPB + Cladding	
		Gaskets	Note 26	External Bolts	A193 Gr B7M (Note 8)	
		Lifting Lugs	A 516 Gr.70 N/A 283	External Nuts	A194 Gr 2HM (Note 8)	
		Reinforcing Pads	A 516 Gr.70 N	Internal Bolts	A193 Gr B8M	
		Ladder & Platform	C.S.	Internal Nuts	A194 8M	1
		Internal welded Support	SS 316L	Name Plate	S.S	
	34 35		PEEDENCE STAND	ARDS & DOCUMENTS		
		Mechanical Design Code	REI ERENGE GIAND		G-G-ME-150 (Latest Revision)	-
		Specification for Pressure	/accale		CO-000-ME-SP-0001	-
		Process Basis of Design	V 633613		CO-000-INE-S1 -0001 CO-000-PR-DB-0001	
		Piping & Instrument Diagra	m (P&ID)		CO-120-PR-PI-0009	-
	<u>۸</u> ۵	Specification for Painting	m (r dib)		OCO-000-PI-SP-0006	1
		Specification for Insulation			OCO-000-PI-SP-0019	-
			Requirements in Sour service		000-PI-SP-0008 (Note 45)	1
	43	op companion i or material i	Fabrication and Insp		200 11 DI 0000 (11010 TO)	1
		Inspection Authority	TPI & Client			1
	45		In Accordance with BS EN 10204:2004, T	ype 3.1, Minimum for Pressure Conta	aining and Attachments	1
		Hydro Test Medium	Water	Hydro Test Procedure	Yes; Per Code & Spec. Requirements	1
	47	Post Weld Heat Treatmen		PT	100%	1
	48		100 % on Lifting Lug Fillet Welds	TUT	Yes;Per Code & Spec. Requirements	1
	49	RT	100 % On T-Joints and Head Joints		Tes, revere & specific quirements	1
	<del>5</del> 0			ircumferential Joints Butt-Welds,		1
	51			Fabricated Nozzle Neck Longitudina	ıl Butt-Welds.	1
		RT Report	Yes; Per Code & Spec. Requir.	PT Report	Yes; Per Code & Spec. Requirements	1
	53		Yes; Per Code & Spec. Requir.	UT Report	Yes; Per Code & Spec. Requirements	1
		Fabrication Quality Contro		•	Yes	1
		Welding Procedure Review			Yes	1
		Surface Preparation & Coa			BK-GNRAL-PEDCO-000-PI-SP-0006	1
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# NISOC

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# نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض

احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک

MECHANICAL DATA SHEETS FOR 2nd STAGE G.C. SUCTION DRUMS





شماره صفحه: ٦ از ٨

				Mech. Data She	et For 2nd	Stage G.C.	. Suctio	n Drums (V	-2102 A/B/	C) / shee	t 2 of 4			
				ACCES	SORIES	, NOZZ	LESI	IST & L	OADS @	BASI	•			
1				7.0020		sories &					_			
2	Supporting	Saddle	es			No		ame Plate						Yes
3	Access La	dder &	Platform (Note	10)		Yes	N	Name Plate Yes						Yes
4	Insulation	Support				Yes Yes		arthing Lu	g (Note	30)				Yes
5	Insulation							ailing Lug						Yes
6	Insulation					Yes				(Sacrifi	cial Anodes)			No
7			ort (Note 27)			No		nchor Bol						No
8	Lifting Lug		Olima			Yes		strumenta	ations					No
9	Internal/ E Template	xternai	Clips			Yes No		kid upport Cli						No Yes
10	Boot					No		ortex Brea						Yes
12		/lanhole				Yes		ung & Gri						No
	Internal Li		Painting)			Yes		eating Co						No
14	Internal De	emister	Pad (Note 44)			Yes	- 1	Janny Co						
15 16			(											
17 18						Nozzle	e l iet	* (Note 1	1					
19			T _		1	Pipe	J LIST	mote 1	Flange		Proj. (mi	n) Reinfo	rcement	
20		Qty.	Des	cription	Size	Thk.	Sch.	Туре	Rate.	Face	(Note 32)	Thk.	O.D.	Remarks
21	A	1	i	Inlet	6"			WN	#300	RF	727*	*	310*	Note 6
22		1		Outlet	6"			WN	#300	RF	500*	*	310*	Note 6
23	B2	1	Liqui	id Outlet	2"			WN	#300	RF	450*			
24	V	1		Vent	2"			WN	#300	RF	See DWG			
25	M	1		ınhole	20"			WN	#300	RF	827*	*	870*	Note 6
26		1		Connection	2"			WN	#300	RF	659*			
27	L 1,2	2		nd Pipe	3"			WN	#300	RF	718*	*	210*	Note 6
28		2		ransmitter	2"			WN	#300	RF	718*			
29		1		Safety Valve	2"			WN	#300	RF	718*			
30		1		re Gauge	2"			WN	#300	RF	718*			
31 32		1 2		ture Gauge	2"			WN WN	#300	RF	718* 718*			
32 33			I	PDIT	Z			WIV	#300	RF	/18**			
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35 36 37 38 39														
35 36 37 38 39 40														
35 36 37 38 39 40 41					Wind a	nd Seismi	ic Load	s at Base	* Note(9)	)		1		
35 36 37 38 39 40 41 42	Load Co	ondition	Em	pty Condition	Wind a	nd Seismi		s at Base		)		Festing Con	ndition	
35 36 37 38 39 40 41 42 43	Load Co	ondition		1	Wind a		Opera	ing Condi			- Viax.		ndition	
35 36 37 38 39 40 41 42 43 44	Load Co	ondition	Max. Shear	Max.		Max. She	Opera ear	ing Condi Max.	tion	1	Max.	Max.		
35 36 37 38 39 40 41 42 43 44 45	Load Co	ondition	Max. Shear @ Base	Max. Moment @	Weight	Max. She	Opera ear	Max.	tion Weigl	ht S	Max. Shear	Max. oment @		Veight
35 36 37 38 39 40 41 42 43 44 45 46	Load Cc	ondition	Max. Shear	Max.		Max. She	Opera ear	ing Condi Max.	tion	ht S	Max. Shear Base	Max.		Weight (Kg)
35 36 37 38 39 40 41 42 43 44 45 46 47	Load Co		Max. Shear @ Base	Max. Moment @	Weight	Max. She	Opera ear	Max.	tion Weigl	ht S	Max. Shear D Base (Kg)	Max. oment @		-
35 36 37 38 39 40 41 42 43 44 45 46	Load Co	ype	Max. Shear @ Base	Max. Moment @ Base	Weight	Max. She	Opera ear	Max. oment @ Base	tion Weigl	ht S	Max. Shear D Base (Kg)	Max. oment @ Base		-
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50	Load Co	ype D	Max. Shear @ Base	Max. Moment @ Base	Weight	Max. She	Opera ear	Max. oment @ Base	tion Weigl	ht S	Max. Shear D Base (Kg)	Max. oment @ Base		-
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52	Load Co	ype D	Max. Shear @ Base	Max. Moment @ Base	Weight	Max. She	Opera ear	Max. oment @ Base	tion Weigl	ht S	Max. Shear D Base (Kg)	Max. oment @ Base		-
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53	Load Co	ype D	Max. Shear @ Base	Max. Moment @ Base	Weight	Max. She	Opera ear	Max. oment @ Base	tion Weigl	ht S	Max. Shear D Base (Kg)	Max. oment @ Base		-
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54	Load Co	ype D	Max. Shear @ Base	Max. Moment @ Base	Weight	Max. She	Opera ear	Max. oment @ Base	tion Weigl	ht S	Max. Shear D Base (Kg)	Max. oment @ Base		-
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55	Load Co	ype D	Max. Shear @ Base	Max. Moment @ Base	Weight	Max. She	Opera ear	Max. oment @ Base	tion Weigl	ht S	Max. Shear D Base (Kg)	Max. oment @ Base		-
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56	Load Co	ype D	Max. Shear @ Base	Max. Moment @ Base	Weight	Max. She	Opera ear	Max. oment @ Base	tion Weigl	ht S	Max. Shear D Base (Kg)	Max. oment @ Base		-
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57	Load Co	ype D	Max. Shear @ Base	Max. Moment @ Base	Weight	Max. She	Opera ear	Max. oment @ Base	tion Weigl	ht S	Max. Shear D Base (Kg)	Max. oment @ Base		-
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58	Load TO WINI	ype D	Max. Shear @ Base	Max. Moment @ Base	Weight	Max. She	Opera ear	Max. oment @ Base	tion Weigl	ht S	Max. Shear D Base (Kg)	Max. oment @ Base		-
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58	Load TO WINI	ype D	Max. Shear @ Base	Max. Moment @ Base	Weight	Max. She	Opera ear	Max. oment @ Base	tion Weigl	ht S	Max. Shear D Base (Kg)	Max. oment @ Base		-
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60	Load Co	ype D	Max. Shear @ Base	Max. Moment @ Base	Weight	Max. She	Opera ear	Max. oment @ Base	tion Weigl	ht S	Max. Shear D Base (Kg)	Max. oment @ Base		-
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58	Load Co Load T WINI SEISM	ype D	Max. Shear @ Base	Max. Moment @ Base	Weight	Max. She	Opera ear	Max. oment @ Base	tion Weigl	ht S	Max. Shear D Base (Kg)	Max. oment @ Base		-



# HIRGAN ENERGY

## **NISOC**

- ۳۵ -

# احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک

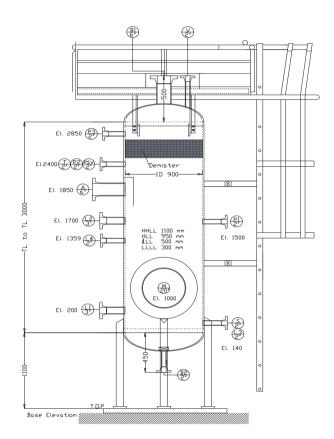
MECHANICAL	DATA SHEETS	FOR 2nd S	TAGEGC	SUCTION DRUMS
MECHANICAL	. DATA SHEETS	FUR ZIIU 3	I AGE G.C.	SUCTION DRUMS

شماره پیمان:	پروژه	بسته کاری	صادر كننده	تسهيلات	رشته	نوع مدرك	سريال	نسخه
۰ <b>۷۳</b> – ۹۱۸٤	BK	GCS	PEDCO	120	ME	DT	0004	D05

شماره صفحه: ۱۷ز ۸

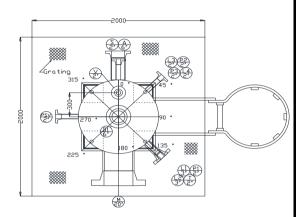
#### Mech. Data Sheet For 2nd Stage G.C. Suction Drums (V-2102 A/B/C) / sheet 3 of 4

#### Sketch



Elevation View

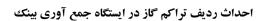
Elevation View will be finalized later by piping department



☐rientation View
☐rientation View will be finalized later by piping department

All dimensions are in mm.









**NISOC** 

MECHANICAL DATA SHEETS FOR 2nd STAGE G.C. SUCTION DRUMS

شماره پیمان: صادر کننده بسته کاری پروژه تسهيلات نوع مدرك رشته سريال نسخه ٤٨١ - ٣٧٠ - ٣١٨٤ GCS PEDCO 120 0004 D05 ME DT

شماره صفحه: ۱ از ۸

DATA SHEET   SI UNIT *   Service : 2nd Stage G.C. Suction Drums   Location : Bushehr (Binak Oilfield)					Suction Drums (V-2102 A/B/C) /		
WEIGHT CONTROL DATA SHEET SI UNIT*  Service: 2nd Stage G.C. Suction Drums   Location   Hushehr (Binok Olifield)				W	EIGHT		
Service : 2nd Stage G.C. Suction Drows   Location   Bushelv (Binak Otifield)   Type : Quotation No. : No. stages : Serial No. : No. stages : Supplier :   Manufacturer :   Model :   No. Stages : Serial No. : Note: Information to be completed by equipment vendor.  Fabrication   Erection   Operation   Hydrostatic Test   Removable internal   Ladder & Platform	2 3 4		DATA SHE	ET		1/1	
Type : Quotation No. :  No. trains : Serial No. :  Manufacturer :  Model : Model : Mode : Mode : Mode : Model : Mode	6	Service :	2nd Stage G.C. Suc	tion Drums		Bushehr (Bina	k Oilfield)
3 No. stages :		Type :					
Supplier :					Seriai No.		
Note: Information to be completed by equipment vendor.    Note: Information to be completed by equipment vendor.	0	Supplier :					
Note: Information to be completed by equipment vendor.    Total weight (kg)*   Fabrication   Erection   Operation   Hydrostatic Test   Removable internal   Ladder & Platform							
Fabrication Erection Operation Hydrostatic Test Removable internal Ladder & Platform  WEIGHT AND C OF G DATA REQUIRED*  CONDITION WEIGHT ACCURACY % (kg) X Y Z  Dry SKETCH  SKETCH  SKETCH  SKETCH  SINGLE STATE OF SAVITY (mm)  LINDERSIDE OF BASE  NOTES  1) All lifting points to be load tested and certified. 2) Any spreader beam to be load tested and certified. 3) Lifting / rigging plan for skid mounted equipment to be provided by the Vendor.	3 4		o be completed by e	quipment vendor.	·		
WEIGHT AND C OF G DATA REQUIRED *  CONDITION WEIGHT CENTER OF GRAVITY (mm)  ACCURACY % (kg) X Y Z  Dry  SKETCH  SKETCH   A DEPARTMENT OF STANLING OF SASE  NOTES  1 All lifting points to be load tested and certified. 2 Any spreader beam to be load tested and certified. 3 Lifting / rigging plan for skid mounted equipment to be provided by the Vendor.	6			Total	weight (kg) *		
WEIGHT AND C OF G DATA REQUIRED *  CONDITION ACCURACY % (kg) X Y Z  SKETCH  SKETCH  **  **  **  **  **  **  **  **  **		Fabrication	Erection	Operation	Hydrostatic Test	Removable internal	Ladder & Platform
WEIGHT AND C OF 6 DATA REQUIRED *  CONDITION ACCURACY % (kg) X Y Z  Dry SKETCH  SKETCH  **  **  **  **  **  **  **  **  **	9						
WEIGHT AND C OF G DATA REQUIRED*  CONDITION WEIGHT WEIGHT CENTER OF GRAVITY (mm)  ACCURACY % (kg) X Y Z  Dry  SKETCH  SKETCH  UNDERSIDE OF BASE  1 All lifting points to be load tested and certified. 2 Any spreader beam to be load tested and certified. 3 Lifting / rigging plan for skid mounted equipment to be provided by the Vendor.							
CONDITION WEIGHT CENTER OF GRAVITY (mm)  ACCURACY % (kg) X Y Z  SKETCH  SKETCH   SKETCH  UNDERSIDE OF BASE  1 All lifting points to be load tested and certified. 2 Any spreader beam to be load tested and certified. 3 Lifting / rigging plan for skid mounted equipment to be provided by the Vendor.	2			WEIGHT AND C	OF C DATA DECILIDED *		
SKETCH  SKETCH  SKETCH   ACCURACY % (kg) X Y Z  SKETCH   W  PLAN  UNDERSIDE OF BASE  NOTES  1  ACCURACY % (kg) X Y Z  W  SKETCH  UNDERSIDE OF BASE  NOTES  1  ACCURACY % (kg) X Y Z  NOTES  NOTES  1  ACCURACY % (kg) X Y Z  NOTES  NOTES  1  ACCURACY % (kg) X Y Z  NOTES  NOTES  1  ACCURACY % (kg) X Y Z  NOTES  NOTES  1  ACCURACY % (kg) X Y Z  NOTES  NOTES  1  ACCURACY % (kg) X Y Z  NOTES  NOTES  1  ACCURACY % (kg) X Y Z  NOTES  NOTES  1  ACCURACY % (kg) X Y Z  NOTES  NOTES  1  ACCURACY % (kg) X Y Z  NOTES  NOTES  1  ACCURACY % (kg) X Y Z  ACCURACY % (kg) X Z  ACCUR	4	CONDITION	WEIGHT				
SKETCH  Page  PLIN  WINDERSIDE OF BASE  NOTES  1) All lifting points to be load tested and certified. 2) Any spreader beam to be load tested and certified. 3) Lifting / rigging plan for skid mounted equipment to be provided by the Vendor.			ACCURAC'	Y % (I	kg) X	Y	Z
SKETCH  **Page 1  ***  ***  ***  **  **  **  **  **  *		Dry					
SKETCH  Page 1    Page 1   Pag							
NOTES  1) All lifting points to be load tested and certified. 2) Any spreader beam to be load tested and certified. 3) Lifting / rigging plan for skid mounted equipment to be provided by the Vendor.	0				SKETCH		
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NOTES  1) All lifting points to be load tested and certified. 2) Any spreader beam to be load tested and certified. 3) Lifting / rigging plan for skid mounted equipment to be provided by the Vendor.  66 67 68 69 60	34567890	ŀ	<b>1</b>	ELEVATION		UNDERSIDE OF BASE	<u>:</u>
1) All lifting points to be load tested and certified. 2) Any spreader beam to be load tested and certified. 3) Lifting / rigging plan for skid mounted equipment to be provided by the Vendor. 66 77 88 99					NOTES		
3) Lifting / rigging plan for skid mounted equipment to be provided by the Vendor.  17 18 19 10 10 11 12 13 14 15 15 16 17 17 18 18 18 19 19 10 10 10 11 11 11 11 11 11 11 11 11 11	3	1) All lifting points	to be load tested and	d certified.			
8 9 0	5	Any spreader b     Lifting / rigging	eam to be load teste	d and certified. d equipment to be provide	d by the Vendor.		
9 00							