

HIRGAN ENERGY

احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک

MECHANICAL DATA SHEETS FOR OVERHEAD TRAVELING CRAN	•

شماره پیمان:	پروژه	بسته کاری	صادر کننده	تسهيلات	رشته	نوع مدر ک	سر يال	نسخه
T - • VT - 918£	BK	GCS	PEDCO	120	ME	DT	0027	D05

شماره صفحه: ۱ از ۱۸

طرح نگهداشت و افزایش تولید ۲۷ مخزن

MECHANICAL DATA SHEETS FOR OVERHEAD TRAVELING CRANES

نگهداشت و افزایش تولید میدان نفتی بینک

Class: 1	•	CLIENT Doc Number: E07-708858				
Rev.	Date	Purpose of Issue / Status	Prepared by:	Checked by:	Approved by:	CLIENT Approval
D00	FEB. 2022	IFC	H. Adineh	M.Fakharian	M.Mehrshad	
D01	MAR. 2022	IFA	H. Adineh	M.Fakharian	M.Mehrshad	
D02	APR. 2022	IFA	H. Adineh	M.Fakharian	M.Mehrshad	
D03	JUN. 2022	AFC	H. Adineh	M.Fakharian	M.Mehrshad	
D04	MAR.2024	AFC	H.Ghadyani	M.Fakharian	S.Faramarzpour	
D05	FEB.2025	AFC	V.Amjadi	M.Fakharian	S.Faramarzpour	

IDC: Inter-Discipline Check
IFC: Issued For Comment
IFA: Issued For Approval
AFD: Approved For Construction

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

MECHANICAL DATA SHEETS FOR OVERHEAD TRAVELING CRANES		MECHANICAL DATA SHEETS FOR	ROVERHEAD	TRAVELING CRANES
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شماره پیمان:	پروژه	بسته کاری	صادر کننده	تسهيلات	رشته	نوع مدرک	سريال	نسخه	شماره صفحه: ۲ از ۱۸
۹۱۸۶ – ۲۷۰ – ۳۵۰	BK	GCS	PEDCO	120	ME	DT	0027	D05	,,, y, ,

REVISION RECORD SHEET

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احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک

MECHANICAL DATA SHEETS FOR OVERHEAD TRAVELING CRANES

 نخه
 سریال
 نوع مدر ک
 رشته
 تسهیلات
 صادر کننده
 بیته کاری
 پروژه

 BK
 GCS
 PEDCO
 120
 ME
 DT
 0027
 D05



شماره صفحه: ۳ از ۱۸

General Notes

1. The Asterisk * denotes information and/or confirmation required from VENDOR.

نماره پیمان:

- 2. All mechanical and electrical equipment shall be inspected and tested at manufacturer's workshop in accordance with ITP which shall be provided by VENDOR & approved by purchaser.
- 3. The crane shall be guaranteed for satisfactory performance for the rated working capacity, maximum lifting and other motion limitation.
- 4. The crane manufacturer representative shall be informed about the installation location before any crane manufacturing activity.
- 5. VENDOR shall supply the required spare parts for pre-commissioning, commissioning, start-up and 2-year normal operation. Also all special tools required for the operation and maintenance of the crane shall be supplied by VENDOR.
- 6. For Max Voltage Variation and Max Frequency Variation, refer to "Specification For LV Induction Motors" Doc. No. BK-GNRAL-PEDCO-000-EL-SP-0010.
- 7. Maximum allowable sound pressure level shall be limited to 85 dBA. For allowable noise level refer to IPS-G-SF-900(1); General standard for noise control and vibration and mechanical design criteria; BK-GNRAL-PEDCO-000-ME-DC-0001.
- 8. Inspection and testing of cranes shall be performed as per IPS-I-GN-350.
- 9. The paint of crane's structure shall be resistant to chemical corrosion.
- 10. The crane shall be designed with facilities for easy inspection and maintenance. Filling and drain plugs on gear boxes shall be easily accessible and to be provided with the necessary means to avoid spillage.
- 11. Easy access shall be provided for brake adjustment and replacement and the required ladder for access to crane shall be provided by carne vendor.
- 12. The electrical power supply to the trolley and end carriages should be realized by festooned cable supplied complete with all suspension accessories and pay-out system.
- 13. Maximum ambient temperature: 50°c, Minimum ambient temperature: 5°c, Maximum steel surface temperature exposed to sun: 85°c Under roof installed crane motors, shall be rated and designed for 5 / 52°C.
- 14. Site conditions shall be considered by vendor for selecting the proper material. For site conditions refer to process basis of design document; Doc.No: BK-GNRAL-PEDCO-000-PR-DB-0001.
- Specification for Electrical Requirements of Packaged Units (BK-GNRAL-PEDCO-000-EL-SP-0011) shall be considered by vendor for electrical concerns, also Data Sheets for all LV Induction Motors (BK-GCS-PEDCO-120-EL-DT-0008) shall be filled and submitted by vendor.

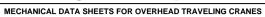
D05

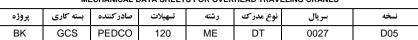


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نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض

احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک







شماره صفحه: ٤ از ١٨

					Ma	ain Comp. SI	helter Crane (C	:R-101)	/ sheet 1	of 3							
FOR:	NISOC								TYPE:			OVEI	RHEAD	TRAVELI	ING CI	RANE	
SITE:	IRAN-BUSHEH	IR (BINAK G	(CS)						TAG NC	D. / NO. REQ.:		CR-101					
APPLICABLE S	STANDARD: IPS	-M-GN-350(2	2) & VEND	OOR'S STA	NDARS				INSTAL	LATION LOCAT	ION.:	MAIN COMPRESSORS SHELTER CRANE					
NOTE: 0 I	INDICATES INFO	DRMATION T	O BE CON	MPLETED	BY PURCH	ASER	□ BY VENDO	OR	<u> </u>								-
CRANE TYPE:	• TO	P RUNNING			O	UNDERH	lUNG			O	OTHER (Mo	onorail)	,				
O CAPACITY:	10000	kg O	SPAN			12.00	m	0	LIFT	7	D05		m	O TRAV	/EL	72.0	.00 m
ENVIRONMEN [*]	IT:																
CRANE LOCAT	TION:	• UNDER	R SHELTER	R,		O	OUTDOOR	₹,			O	BOTH	1				
TEMPERATUR	RE: O Mir	n. 5.0	°C	0	Max.	50.0	°C		RELAT.	HUMIDITY:		0	Min.	0 %	% O N	Max 10	0 %
(Note 13)				0	SEISMIC	ZONE			O	WIND D	ESIGN SPEE	Đ.		Km/h	n		
HAZARDOUS A	AREA: •	YES	O N	10	IF Y	/ES, SPECIF	Y CLASS			Т3		ZONE	=	2	GRC)UP	IIA
ELECTRICAL E	ENCLOSURE TY	PE:		NEMA			JNUSUAL (CONDIT	TIONS (D	UST, FUMES, E	ETC,) EXPLAI	iN					
PLANT UTILITIE	IES: • EL	ECTRICITY,			3	PHASE		50 Hz	i	CYCLE		400		VOLTS,	0	AIR	
CRANE MOTIO	DN:		ELE	ECTRICAL			AIR			MANUAL			SPEED	(m/min.)			
	MAIN F TROLL BRIDG	.EY	(•			0 0			o o o			o o				
CONTROL:	О ТҮРЕ				,												
CONTROL LOC	CATION:	O CABIN	(CAB),			FLOOR,		•	PENDA	NT STATION,			0	OTHER			
POWER DISTR	RIBUTION:	TO TRO	DLLEY SH	ALL BE SI	UPPLIED BY	/ VENDOR							•	YES	O	NC	0
		TO BRI	DGE SHAI	LL BE FUF	RNISHED BY	Y VENDOR							•	YES	O	NO	0
					BRID	GE			TRO	OLLEY							
RUNWAY COL	LECTORS					l											
RUNWAY CON	NDUCTORS					l											
CABLE REEL					0					0							
FESTOONED C	CABLE				0					0							
REMARKS:																	
To be continued	1																



ITEMS TO BE SUPPLIED BY VENDOR: *

نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض



احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک

MECHANICAL DATA SHEETS FOR OVERHEAD TRAVELING CRANES	s

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شماره پیمان:	پروژه	بسته کاری	صادر کننده	تسهيلات	رشته	نوع مدر ک	سر يال	نسخه	شماره صفحه: ۵ از ۱۸
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Main Comp. Shelter Crane (CR-	-101) / sheet 2 of 3
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O SURFACE PREPARATION	• YES	O NO	O OTHER
PAINTING, PRIME PAINT REQUIRED		FINISH PAINT REQUIRED	
O BUMPER STOPS FOR BRIDGE			
BUMPER STOPS FOR TROLLEY			
O SWEEPERS FOR BRIDGE AND TROLLEY			
O SINGLE POINT LUBRICATION SYSTEM			
O MAINTENANCE & SERVICE PLATFORMS			
O SPARK RESISTANT CONSTRUCTION			
DATA BY VENDOR (MUST BE COMPLETED AND	RETURNED WITH QUOTATION)		
CRANE MANUFACTURER :			
BRIDGE: *			
NUMBER OF GIRDERS:	TYPE:	SIZE:	
BRIDGE DRIVER TYPE:	GEAR REDUCER MANUFAC	TURER:	
NO. OF REDUCTION:	GEARS TYPE:	ENCLOSURE:	
LUBRICATION TYPE:			
BRIDGE BRAKE (IF REQUIRED) TYPE:	TORQUE RATING:	MFG.:	
TROLLEY: *			
TROLLEY FRAME CONSTRUCTION:	TYPE:	SIZE:	
TROLLEY TRUCKS TYPE:	NO. OF WHEELS:	WHEEL DIAMETER:	
WHEEL MATERIAL:	TREAD HARDNESS:	TREAD TYPE:	
WHEEL BEARING TYPE:	BEARING MFG:	LIFE:	
TROLLEY DRIVE TYPE:	GEAR REDUCER MFG:		
NO. OF REDUCTIONS:	GEAR TYPE:	ENCLOSURE:	
LUBRICATION TYPE:			
TROLLEY BRAKE (IF REQUIRED) TYPE:	TORQUE RATING:	MFG.:	
SIZE OF TROLLEY RAILS:			
REMARKS:			
To be continued			



احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک



MECHANICAL DATA SHEETS FOR OVERHEAD TRAVELING CRANES

شماره پیمان:	پروژه	بسته کاری	صادر کننده	تسهيلات	رشته	نوع مدر ک	سريال	نسخه
٠٥٣ - ١٧٣ - ٩١٨٤	BK	GCS	PEDCO	120	ME	DT	0027	D05

شماره صفحه: ۲ از ۱۸

Main Comp. Shelter Cr	rane (CR-101) / sheet 3 of 3
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HOIST *				
MANUFACTURE:	MODEL NO.:	CAI	PACITY:	
DRUM DIAMETER:	MATERIAL:			
HOIST TYPE:	GEAR REDUCER	MFG.:		
NO. OF REDUCTIONS:	GEAR TYPE:	EN	NCLOSURE:	
TYPE LUBRICATION:				
WIRE ROPE DIAMETER:	CONSTRUCTION:	(CORE:	
NO. OF PARTS SUPPORTING LOAD:	TYPE:			
DIAMETER OF SHEAVES:	MATERIAL:			
LOAD BRAKE TYPE:	MFG.:	TOI	RQUE RATING:	
MOTOR BRAKE TYPE:	MFG.:	TC	RQUE RATING:	
HOOK TYPE:	MATERIAL:			
LIMIT SWITCHES: (YES OR NO) UPPER:	LOWER:	TYPE:	MFG.:	
VENDOR RECOMMENDED BRIDGE RAIL SIZE:	(Kg/M), FIELD AS	SEMBLY:	□ WELDED	□ BOLTED
ESTIMATED SHIPPING WEIGHT:	(Kg.) AND CUBAGE:		(M3)	
REMARKS: DRAWING SHOWING OVERALL DIN	MENSIONS & CLEARANCES SH	IALL BE SU	JBMITTED WITH QU	JOTATION.





احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک

MECHANICAL DATA SHEETS FOR OVERHEAD TRAVELING CRANES شماره پیمان: پروژه بسته کاری صادر کننده تسهيلات رشته نوع مدرك سريال GCS PEDCO ME 0027 D05 ٤٨١٤ – ٧٧٠ – ٥١٨٤ BK 120 DT

شماره صفحه: ۲ از ۱۸

							Utility Shel	Iter Crane (CR-1	102) / sh	neet 1 of 3	í									
FOR:	NISOC									TYPE:				OVE	RHEAD	TRAVEI	LING (CRANE	:	
SITE:	IRAN-BUSH	HEHR (BI	NAK GC	CS)						TAG NO.	. / NC). REQ.:		CR-1	02					
APPLICABLE S	TANDARD:	IPS-M-G	N-350 (2)) & VEND(OR'S ST	ANDARS				INSTALLATION LOCATION.: UTILITY SHELTER CRANE					3					
NOTE: O II	INDICATES IN	NFORMA	TION TC) BE COMF	PLETED) BY PURCH	IASER	□ BY VENDO	OR	1										
CRANE TYPE:	•	TOP RUI	NNING			O	UNDERH	HUNG				•	OTHER (M	/lonorail))					
O CAPACITY:	2000) kg	0	SPAN			12.00	m	0	LIFT	5	D05			m	O TRA	VEL	1	14.00	m
ENVIRONMENT	T:																			
CRANE LOCAT	ΓΙΟΝ:	• (JNDER !	SHELTER,	,		0	OUTDOOR	.,				0	BOTH	1					
TEMPERATURE	E: O	Min.	5.0	°C	<u> </u>	Max.	50.0	°C		RELAT. I	HUMI	IDITY:		<u> </u>	Min.	0	% O	Max	100	%
(Note 13)				(•	SEISMIC	C ZONE			•		WIND D	ESIGN SPE	ED		Km	/h			
HAZARDOUS A	AREA :	O YES		• NC)	IF \	YES, SPECIF	FY CLASS						ZONE	Ē		GF	ROUP		
ELECTRICAL E	NCLOSURE	TYPE:			NONE			UNUSUAL	CONDI	TIONS (D	UST,	, FUMES,	ETC,) EXPL	AIN						
PLANT UTILITIE	ES: O	ELECTR	ICITY,				PHASE				С	CYCLE				VOLTS	3, 0	AIR		
CRANE MOTIO	DN:			ELEC	CTRICA	.L		AIR			MAN	NUAL			SPEED) (m/min.)				
	TRO	IN HOIST OLLEY IDGE)))			0 0 0			•	•))					
CONTROL:	О ТҮРЕ																			
CONTROL LOC	CATION:	0 (CABIN (C	CAB),		C	P FLOOR,		•	PENDAN	NT ST	TATION,			0	OTHER				
POWER DISTR	RIBUTION:	-	TO TROI	LLEY SHA	LL BE S	SUPPLIED BY	Y VENDOR								•	YES	0		NO	
		-	TO BRID	GE SHALI	∟ BE FU	JRNISHED B	Y VENDOR								•	YES	•		NO	
						BRID	OGE			TRO	LLEY	(
RUNWAY COLL	LECTORS						3			Г										
RUNWAY CON	IDUCTORS						3			Г										
CABLE REEL						0)			(0									
FESTOONED C	CABLE					0)			(0									
REMARKS:																				
To be continued	i																			



المركت قدير توايوات HIRGAN ENERGY

احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک

Utility Shelter Crane (CR-102) / sheet 2 of 3

MECHANICAL DATA SHEETS FOR OVERHEAD TRAVELING CRANES

شماره پیمان:	پروژه	بسته کاری	صادر کننده	تسهيلات	رشته	نوع مدرك	سر يال	نسخه	
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شماره صفحه: ۱ از ۱۸

ITEMS TO BE SUPPLIED BY VENDOR: *				
O SURFACE PREPARATION	• YES		O NO	O OTHER
PAINTING, PRIME PAINT REQUIRED		•	FINISH PAINT REQUIRED	
O BUMPER STOPS FOR BRIDGE				
BUMPER STOPS FOR TROLLEY				
O SWEEPERS FOR BRIDGE AND TROLLEY				
O SINGLE POINT LUBRICATION SYSTEM				
O MAINTENANCE & SERVICE PLATFORMS				
O SPARK RESISTANT CONSTRUCTION				
DATA BY VENDOR (MUST BE COMPLETED AND RETU	JRNED WITH QUOTATION)			
CRANE MANUFACTURER :				
BRIDGE: *				
NUMBER OF GIRDERS:	TYPE:	SIZE:		
BRIDGE DRIVER TYPE:	GEAR REDUCER MANUFACTURER	R:		
NO. OF REDUCTION:	GEARS TYPE:	ENCLOSURE:		
LUBRICATION TYPE:				
BRIDGE BRAKE (IF REQUIRED) TYPE:	TORQUE RATING:	MFG.:		
TROLLEY: *				
TROLLEY FRAME CONSTRUCTION:	TYPE:	SIZE:		
TROLLEY TRUCKS TYPE:	NO. OF WHEELS:	WHEEL DIAME	ETER:	
WHEEL MATERIAL:	TREAD HARDNESS:	TREAD TYPE:		
WHEEL BEARING TYPE:	BEARING MFG:	LIFE:		
TROLLEY DRIVE TYPE:	GEAR REDUCER MFG:			
NO. OF REDUCTIONS:	GEAR TYPE:	ENCLOSURE:		
LUBRICATION TYPE:				
TROLLEY BRAKE (IF REQUIRED) TYPE:	TORQUE RATING:	MFG.:		
SIZE OF TROLLEY RAILS:				
REMARKS:				
To be continued				



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احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک

MECHANICAL DATA SHEETS FOR OVERHEAD TRAVELING CRANES

شماره پیمان:	پروژه	بسته کاری	صادر کننده	تسهيلات	رشته	نوع مدر ک	سريال	نسخه	از ۱۸
٤٨١٠ – ٢٧٠ – ٥١٨٤	BK	GCS	PEDCO	120	ME	DT	0027	D05	יכאו

شماره صفحه: ۹ از ۱۸

Utility Shelter Crane (CR-102) / sheet 3 of 3

HOIST *				
MANUFACTURE:	MODEL NO.:	CAI	PACITY:	
DRUM DIAMETER:	MATERIAL:			
HOIST TYPE:	GEAR REDUCER	MFG.:		
NO. OF REDUCTIONS:	GEAR TYPE:	EN	NCLOSURE:	
TYPE LUBRICATION:				
WIRE ROPE DIAMETER:	CONSTRUCTION:	(CORE:	
NO. OF PARTS SUPPORTING LOAD:	TYPE:			
DIAMETER OF SHEAVES:	MATERIAL:			
LOAD BRAKE TYPE:	MFG.:	TOI	RQUE RATING:	
MOTOR BRAKE TYPE:	MFG.:	TC	RQUE RATING:	
HOOK TYPE:	MATERIAL:			
LIMIT SWITCHES: (YES OR NO) UPPER:	LOWER:	TYPE:	MFG.:	
VENDOR RECOMMENDED BRIDGE RAIL SIZE:	(Kg/M), FIELD AS	SEMBLY:	□ WELDED	□ BOLTED
ESTIMATED SHIPPING WEIGHT:	(Kg.) AND CUBAGE:		(M3)	
REMARKS: DRAWING SHOWING OVERALL DIN	MENSIONS & CLEARANCES SH	IALL BE SU	JBMITTED WITH QU	JOTATION.





احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک

MECHANICAL DATA SHEETS FOR OVERHEAD TRAVELING CRANES

شماره پیمان: پروژه بسته کاری صادر کننده تسهيلات رشته نوع مدرك سريال GCS PEDCO ME 0027 D05 ٤٨١٤ – ٧٣٠ – ١٨٤ BK 120 DT

شماره صفحه: ۱۰ از ۱۸

			(Chemical Inj. Pa	ck. & Chemi	ical Storage She	ter Cı	rane (CR-103) / sheet 1 of	3						
FOR:	NISOC							TYPE:		OVE	RHEAD	TRAVEL	ING CR	ANE	
SITE:	IRAN-BUSHI	EHR (BINAK G	CS)					TAG NO. / NO. REQ.:		CR-1	03				
APPLICABLE S	TANDARD: II	PS-M-GN-350 (2) & VENDOR'S	STANDARS				INSTALLATION LOCAT	ION.:	Chem		Pack. & C	hemical	Storag	e Shelter
NOTE: O II	NDICATES INI	FORMATION TO	O BE COMPLET	ED BY PURCH	ASER	☐ BY VENDO	R			Crun					
CRANE TYPE:	• T	TOP RUNNING		O	UNDERH	lUNG		•	OTHER (M	lonorail))				
O CAPACITY:	2000	kg O	SPAN		5.00	m	0	LIFT 5	D	05	m	O TRAV	/EL	10.	.00 m
ENVIRONMEN ⁻	Т:														
CRANE LOCAT	TON:	• UNDER	SHELTER,		O	OUTDOOR,			0	ВОТН	+				
TEMPERATURI	E: O M	Min. 5.0	°C	O Max. SEISMIC	50.0 ZONE	°C		RELAT. HUMIDITY: O WIND D	ESIGN SPEI		Min.	0 S		1ax 10	00 %
HAZARDOUS A	AREA :	• YES	O NO	IF Y	ES, SPECIF	Y CLASS		Т3		ZONI	<u> </u>	2	GRO)UP	ПА
ELECTRICAL E	NCLOSURE 1	 ГҮРЕ:	NON	Œ		UNUSUAL C	OND	ITIONS (DUST, FUMES,	ETC,) EXPL	AIN					
PLANT UTILITIE	ES: O E	ELECTRICITY,			PHASE			CYCLE				VOLTS,	0	AIR	
CRANE MOTIO	N:		ELECTRIC	CAL		AIR		MANUAL			SPEED	(m/min.)			
		N HOIST LLEY DGE))			0 0 0		•			0				
CONTROL:	O TYPE														
CONTROL LOC	CATION:	O CABIN (CAB),	0	FLOOR,		•	PENDANT STATION,			0	OTHER			
POWER DISTR	IBUTION:	TO TRO	LLEY SHALL BE	SUPPLIED BY	' VENDOR						•	YES	O	N	0
		TO BRII	OGE SHALL BE	FURNISHED BY	/ VENDOR						•	YES	O	N	0
				BRID	GE			TROLLEY							
RUNWAY COLI	LECTORS														
RUNWAY CON	DUCTORS														
CABLE REEL				0				0							
FESTOONED C	CABLE			0				0							
REMARKS:															
To be continued	1														



HIRGAN ENERGY

احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک

Chemical Inj. Pack. & Chemical Storage Shelter Crane (CR-103) / sheet 2 of 3

MECHANICAL DATA SHEETS FOR OVERHEAD TRAVELING CRANES

شماره پیمان:	پروژه	بسته کاری	صادركننده	تسهيلات	رشته	نوع مدر ک	سريال	نسخه	
٤٨١٤ – ٢٧٠ – ٥٠٠	BK	GCS	PEDCO	120	ME	DT	0027	D05	İ

شماره صفحه: ۱۱ از ۱۸

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ITEMS TO BE SUPPLIED BY VENDOR: *			
O SURFACE PREPARATION	• YES	0 NO	O OTHER
PAINTING, PRIME PAINT REQUIRED		FINISH PAINT REQUIRED	
O BUMPER STOPS FOR BRIDGE			
BUMPER STOPS FOR TROLLEY			
O SWEEPERS FOR BRIDGE AND TROLLEY			
SINGLE POINT LUBRICATION SYSTEM			
MAINTENANCE & SERVICE PLATFORMS			
O SPARK RESISTANT CONSTRUCTION			
DATA BY VENDOR (MUST BE COMPLETED AND	RETURNED WITH QUOTATION)		
CRANE MANUFACTURER :			
BRIDGE: *			
NUMBER OF GIRDERS:	TYPE:	SIZE:	
BRIDGE DRIVER TYPE:	GEAR REDUCER MANUFACT	URER:	
NO. OF REDUCTION:	GEARS TYPE:	ENCLOSURE:	
LUBRICATION TYPE:			
BRIDGE BRAKE (IF REQUIRED) TYPE:	TORQUE RATING:	MFG.:	
TROLLEY: *			
TROLLEY FRAME CONSTRUCTION:	TYPE:	SIZE:	
TROLLEY TRUCKS TYPE:	NO. OF WHEELS:	WHEEL DIAMETER:	
WHEEL MATERIAL:	TREAD HARDNESS:	TREAD TYPE:	
WHEEL BEARING TYPE:	BEARING MFG:	LIFE:	
TROLLEY DRIVE TYPE:	GEAR REDUCER MFG:		
NO. OF REDUCTIONS:	GEAR TYPE:	ENCLOSURE:	
LUBRICATION TYPE:			
TROLLEY BRAKE (IF REQUIRED) TYPE:	TORQUE RATING:	MFG.:	
SIZE OF TROLLEY RAILS:			
REMARKS:			
To be continued			
1			



احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک

ت توسد پتروایرا ^ن	-\$^
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MECHANICAL DATA SHEETS FOR OVERHEAD TRAVELING CRANES
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بسته کاری صادر کننده تسهيلات نوع مدرك شماره پیمان: سريال نسخه پروژه GCS PEDCO DT 0027 D05 ۱۸۶ – ۲۷۰ – ۳۵۰ 120 ME

شماره صفحه: ۱۲ از ۱۸

Chemical Ini. F	Pack. &	Chemical	Storage Sh	elter Crane	(CR-103) /	sheet 3 of 3

HOIST *				
MANUFACTURE:	MODEL NO.:	CAP	ACITY:	
DRUM DIAMETER:	N	MATERIAL:		
HOIST TYPE:	GEAR	REDUCER MFG.:		
NO. OF REDUCTIONS:	GEAR TYPE:	ENG	CLOSURE:	
TYPE LUBRICATION:				
WIRE ROPE DIAMETER:	CONSTRUCTION:	C	ORE:	
NO. OF PARTS SUPPORTING LOAD:		TYPE:		
DIAMETER OF SHEAVES:	1	MATERIAL:		
LOAD BRAKE TYPE:	MFG.:	TOR	QUE RATING:	
MOTOR BRAKE TYPE:	MFG.:	TOF	RQUE RATING:	
HOOK TYPE:	N	MATERIAL:		
LIMIT SWITCHES: (YES OR NO) UPPER:	LOWER:	TYPE:	MFG.:	
VENDOR RECOMMENDED BRIDGE RAIL SIZE:	(Kg/M)	, FIELD ASSEMBLY:	□ WELDED	□ BOLTED
ESTIMATED SHIPPING WEIGHT:	(Kg.) AND CI	UBAGE:	(M3)	
REMARKS: DRAWING SHOWING OVERALL DIM	MENSIONS & CLEAR	RANCES SHALL BE SU	BMITTED WITH Q	JOTATION.





احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک

MECHANICAL DATA SHEETS FOR OVERHEAD TRAVELING CRANES

ِژه شماره پیمان:	سته کاری پروز	صادر کننده	تسهيلات	رشته	نوع مدرك	سر يال	نسخه
00 - 04 - 118 B	K GCS	PEDCO	120	ME	DT	0027	D05

شماره صفحه: ۱۳ از ۱۸

						Fire '	Water Pump	s Shelter Cra	ine (CR-10)4) / shee	et 1 of 3								
FOR:	NISOC									TYPE:			OVE	RHEAD	TRAVE	LING (CRANI	E	
SITE:	IRAN-BU	SHEHR (B	INAK GC	CS)						TAG NO	O. / NO. REQ.:		CR-104						
APPLICABLE S	STANDARD): IPS-M-G	N-350 (2)	& VENDOR	r'S STAI	NDARS				INSTAL	LATION LOCA	TION.:	FIRE	WATE	R PUMP	S SHEI	LTER (CRAN	(E
NOTE: O II	INDICATES	INFORM#	ATION TO	D BE COMPL	ETED E	3Y PURCH	IASER	□ BY VEN	IDOR										
CRANE TYPE:	•	TOP RU	INNING			O	UNDERH	HUNG			c	OTHER (Mo	onorail))					
O CAPACITY:	50	000 kg	0	SPAN			10.00	m	0	LIFT	4			m	O TRA		D05	20.00	m
ENVIRONMENT	T:																		
CRANE LOCAT	ΓΙΟΝ:	•	UNDER	SHELTER,			O	OUTDOO	OR,			0	ВОТН	н					
TEMPERATURE	E: C	O Min.	5.0	°C	0	Max.	50.0	°C		RELAT.	. HUMIDITY:		0	Min.	0	% O	Мах	100	%
(Note 13)				O		SEISMIC	C ZONE			O	WIND [DESIGN SPEE	:D		Kn	m/h			
HAZARDOUS A	AREA :	O YES	3	• NO		IF '	YES, SPECIF	FY CLASS					ZONE	E		GF	ROUP		
ELECTRICAL ENCLOSURE TYPE: NEMA							UNUSUA	AL CONDI	TIONS (DUST, FUMES,	, ETC,) EXPLA	dΝ							
PLANT UTILITIE	ES:	• ELECTF	RICITY,			3	PHASE		50 Hz		CYCLE		400		VOLT	s, o	AIR	·	
CRANE MOTIO	N:			ELECT	RICAL			AIR			MANUAL		SF	PEED (n	n/min.)				
	TI	MAIN HOIST ROLLEY RIDGE	Γ	•				0 0			o o			0	,				
CONTROL:	О ТҮРЕ																		
CONTROL LOC	CATION:	0	CABIN (C	CAB),		C	P FLOOR,		•	PENDA	NT STATION,			0	OTHER	₹			
POWER DISTR	RIBUTION:		TO TROI	LLEY SHALL	BE SU	PPLIED B'	Y VENDOR							•	YES	0		NO	
			TO BRID	OGE SHALL E	3E FUR	NISHED B	Y VENDOR							•	YES	O		NO	
						BRID)GE			TRO	OLLEY							-	
RUNWAY COLL	LECTORS						נ												
RUNWAY CON	DUCTORS	3					J												
CABLE REEL						С)				0								
FESTOONED C	CABLE					С)				0								
REMARKS:																			
To be continued	1																		





احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک

MECHANICAL DATA SHEETS FOR OVERHEAD TRAVELING CRANES

شماره پیمان:	پروژه	بسته کاری	صادر کننده	تسهيلات	رشته	نوع مدر ک	سر يال	نسخه	شماره صفحه: ۱۲ از ۱۸
3A1P — YY WO+	BK	GCS	PEDCO	120	ME	DT	0027	D05	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

Fire Water Pumps Shelter Crane (CR-104) / sheet 2 of 3

ITEMS TO BE SUPPLIED BY VENDOR: *									
O SURFACE PREPARATION	• YES	O NO	O OTHER						
PAINTING, PRIME PAINT REQUIRED		FINISH PAINT REQUIRED							
O BUMPER STOPS FOR BRIDGE									
BUMPER STOPS FOR TROLLEY									
O SWEEPERS FOR BRIDGE AND TROLLEY									
O SINGLE POINT LUBRICATION SYSTEM									
O MAINTENANCE & SERVICE PLATFORMS									
O SPARK RESISTANT CONSTRUCTION									
DATA BY VENDOR (MUST BE COMPLETED AND R	RETURNED WITH QUOTATION)								
CRANE MANUFACTURER :									
BRIDGE: *									
NUMBER OF GIRDERS:	TYPE:	SIZE:							
BRIDGE DRIVER TYPE:	GEAR REDUCER MANUFAC	GEAR REDUCER MANUFACTURER:							
NO. OF REDUCTION:	GEARS TYPE:	ENCLOSURE:							
LUBRICATION TYPE:									
BRIDGE BRAKE (IF REQUIRED) TYPE:	TORQUE RATING:	MFG.:							
TROLLEY: *									
TROLLEY FRAME CONSTRUCTION:	TYPE:	SIZE:							
TROLLEY TRUCKS TYPE:	NO. OF WHEELS:	WHEEL DIAMETER:							
WHEEL MATERIAL:	TREAD HARDNESS:	TREAD TYPE:							
WHEEL BEARING TYPE:	BEARING MFG:	LIFE:							
TROLLEY DRIVE TYPE:	GEAR REDUCER MFG:								
NO. OF REDUCTIONS:	GEAR TYPE:	ENCLOSURE:							
LUBRICATION TYPE:									
TROLLEY BRAKE (IF REQUIRED) TYPE:	TORQUE RATING:	MFG.:							
SIZE OF TROLLEY RAILS:									
REMARKS:									
To be continued									



۱۸۶ – ۲۷۰ – ۳۵۰

نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض

احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک





شماره صفحه: ۱۵ از ۱۸

Fire Water Pumps Shelter Crane (CR-104) / sheet 3 of 3

HOIST *				
MANUFACTURE:	MODEL NO.:	CAP	ACITY:	
DRUM DIAMETER:	M	IATERIAL:		
HOIST TYPE:	GEAR F	REDUCER MFG.:		
NO. OF REDUCTIONS:	GEAR TYPE:	ENG	CLOSURE:	
TYPE LUBRICATION:				
WIRE ROPE DIAMETER:	CONSTRUCTION:	C	ORE:	
NO. OF PARTS SUPPORTING LOAD:		TYPE:		
DIAMETER OF SHEAVES:	M	MATERIAL:		
LOAD BRAKE TYPE:	MFG.:	TOR	QUE RATING:	
MOTOR BRAKE TYPE:	MFG.:	TOF	RQUE RATING:	
HOOK TYPE:	M/	ATERIAL:		
LIMIT SWITCHES: (YES OR NO) UPPER:	LOWER:	TYPE:	MFG.:	
VENDOR RECOMMENDED BRIDGE RAIL SIZE:	(Kg/M),	FIELD ASSEMBLY:	□ WELDED	□ BOLTED
ESTIMATED SHIPPING WEIGHT:	(Kg.) AND CU	JBAGE:	(M3)	
REMARKS: DRAWING SHOWING OVERALL DIN		ANCES SHALL BE SU	BMITTED WITH Q	JOTATION.





احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک

MECHANICAL DATA SHEETS FOR OVERHEAD TRAVELING CRANES

پروژه بسته کاری صادر کننده تسهيلات رشته نوع مدر ک سريال GCS PEDCO ME 0027 D05 BK 120 DT ٤٨١٤ - ٣٧٠ - ٣٥٠

شماره صفحه: ۱۳ از ۱۸

Diesel Generator Shelter Crane (CR-	105) / sheet 1 of 3					
FOR: NISOC	TYPE:	OVERHEAD	D TRAVELIN	G CRANE		
SITE: IRAN-BUSHEHR (BINAK GCS)	TAG NO. / NO. REQ.:	CR-105				
APPLICABLE STANDARD: IPS-M-GN-350 (2) & VENDOR'S STANDARS	INSTALLATION LOCATION.:	Diesel Gener	ator Shelter C	rane		
NOTE: O INDICATES INFORMATION TO BE COMPLETED BY PURCHASER ☐ BY VENDOR						
CRANE TYPE: • TOP RUNNING O UNDERHUNG	O OTHER (M	onorail)				
O CAPACITY: 2000 kg O SPAN 5.80 m O	LIFT 4.45	m	O TRAVE	iL.	6.45 m	
ENVIRONMENT:						
CRANE LOCATION: • UNDER SHELTER, O OUTDOOR,	O	вотн				
TEMPERATURE: O Min. 5.0 °C O Max. 50.0 °C	RELAT. HUMIDITY:	O Min.	0 %	O Max	100 %	
(Note 13) O SEISMIC ZONE	O WIND DESIGN SPEE	ED	Km/h			
HAZARDOUS AREA : ○ YES • NO IF YES, SPECIFY CLASS		ZONE		GROUP		
ELECTRICAL ENCLOSURE TYPE: NONE UNUSUAL CON	DITIONS (DUST, FUMES, ETC,) EXPLA	AIN				
PLANT UTILITIES: O ELECTRICITY, PHASE	CYCLE		VOLTS,	O AIR		
CRANE MOTION: ELECTRICAL AIR	MANUAL	SPEED (m/min.)			
MAIN HOIST O O TROLLEY O O BRIDGE O	•	()			
CONTROL: O TYPE						
CONTROL LOCATION: O CABIN (CAB), O FLOOR,	PENDANT STATION,	O	OTHER			
POWER DISTRIBUTION: TO TROLLEY SHALL BE SUPPLIED BY VENDOR		•	YES	O	NO	
TO BRIDGE SHALL BE FURNISHED BY VENDOR		•	YES	O	NO	
BRIDGE	TROLLEY					
RUNWAY COLLECTORS						
RUNWAY CONDUCTORS						
CABLE REEL O	0					
FESTOONED CABLE O	0					
REMARKS:						
To be continued						



HIRGAN THERES

احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک

MECHANICAL DATA SHEETS FOR OVERHEAD TRAVELING CRANES

شماره پیمان:	پروژه	بسته کاری	صادر کننده	تسهيلات	رشته	نوع مدر ک	سريال	نسخه	شماره صفحه: ۱۷ از ۱۸
٤٨١٤ – ٧٧٠ – ٥١٨٤	BK	GCS	PEDCO	120	ME	DT	0027	D05	17. 71. 17

Diesel Generator Shelter Crane (CR-105) / sheet 2 of 3

ITEMS TO BE SUPPLIED BY VENDOR: *									
O SURFACE PREPARATION	• YES	O NO	O OTHER						
PAINTING, PRIME PAINT REQUIRED		FINISH PAINT REQUIRED							
O BUMPER STOPS FOR BRIDGE									
BUMPER STOPS FOR TROLLEY									
O SWEEPERS FOR BRIDGE AND TROLLEY									
O SINGLE POINT LUBRICATION SYSTEM									
O MAINTENANCE & SERVICE PLATFORMS									
O SPARK RESISTANT CONSTRUCTION									
DATA BY VENDOR (MUST BE COMPLETED AND	RETURNED WITH QUOTATION)								
CRANE MANUFACTURER :									
BRIDGE: *									
NUMBER OF GIRDERS:	TYPE:	SIZE:	-						
BRIDGE DRIVER TYPE:	GEAR REDUCER MANUFACT	GEAR REDUCER MANUFACTURER:							
NO. OF REDUCTION:	GEARS TYPE:	ENCLOSURE:							
LUBRICATION TYPE:									
BRIDGE BRAKE (IF REQUIRED) TYPE:	TORQUE RATING:	MFG.:							
TROLLEY: *									
TROLLEY FRAME CONSTRUCTION:	TYPE:	SIZE:							
TROLLEY TRUCKS TYPE:	NO. OF WHEELS:	WHEEL DIAMETER:							
WHEEL MATERIAL:	TREAD HARDNESS:	TREAD TYPE:							
WHEEL BEARING TYPE:	BEARING MFG:	LIFE:							
TROLLEY DRIVE TYPE:	GEAR REDUCER MFG:								
NO. OF REDUCTIONS:	GEAR TYPE:	ENCLOSURE:							
LUBRICATION TYPE:									
TROLLEY BRAKE (IF REQUIRED) TYPE:	TORQUE RATING:	MFG.:							
SIZE OF TROLLEY RAILS:									
REMARKS:									
To be continued									



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احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک

DMECHANICAL DATA SHEETS FOR OVERHEAD TRAVELING CRANES

شماره پیمان:	پروژه	بسته کاری	صادر کننده	تسهيلات	رشته	نوع مدرک	سريال	نسخه	
٤٨١٩ – ۲۲۰ − ۲۵۰	BK	GCS	PEDCO	120	ME	DT	0027	D05	

شماره صفحه: ۱۸ از ۱۸

Diesel Generator Shelter Crane (CR-105) / sheet 3 of 3				
HOIST *				
MANUFACTURE:	MODEL NO.:	CAPACITY:		
DRUM DIAMETER:	MATERIAL:	:		
HOIST TYPE:	GEAR REDUCEF	R MFG.:		
NO. OF REDUCTIONS:	GEAR TYPE:	ENCLOSURE:		
TYPE LUBRICATION:				
WIRE ROPE DIAMETER:	CONSTRUCTION:	CORE:		
NO. OF PARTS SUPPORTING LOAD:	TYPE:			
DIAMETER OF SHEAVES:	MATERIAL	:		
LOAD BRAKE TYPE:	MFG.:	TORQUE RATING:		
MOTOR BRAKE TYPE:	MFG.:	TORQUE RATING:		
HOOK TYPE:	MATERIAL:			
LIMIT SWITCHES: (YES OR NO) UPPER:	LOWER:	TYPE: MFG.:		
VENDOR RECOMMENDED BRIDGE RAIL SIZE:	(Kg/M), FIELD AS	SSEMBLY: WELDED	□ BOLTED	
ESTIMATED SHIPPING WEIGHT:	(Kg.) AND CUBAGE:	(M3)		
REMARKS: DRAWING SHOWING OVERALL DIM	VIENSIONS & CLEARANCES S	HALL BE SUBMITTED WITH QU	JOTATION.	