



نگهداشت و افزایش تولید میدان نفتی بینک
سطح الارض

احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک



DATA SHEETS FOR FIRE FIGHTING EQUIPMENT

شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

پروژه

بسته کاری

صادرکننده

تسهیلات

رشته

نوع مدرک

سریال

نسخه

BK

GCS

PEDCO

120

SA

DT

0003

D01

شماره صفحه: ۱ از ۲۴

طرح نگهداشت و افزایش تولید ۲۷ مخزن

DATA SHEET FOR FIRFIGHTING EQUIPMENT

Rev.	Date	Purpose of Issue / Status	Prepared by:	Checked by:	Approved by:	CLIENT Approval
D01	OCT.2022	IFA	A.H.Saber	M.Fakharian	M.Mehrshad	
D00	APR.2022	IFC	A.H.Saber	M.Fakharian	M.Mehrshad	
Class: 2		CLIENT Doc. Number: F0Z-708990				

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



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شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

نسخه	سریال	نوع مدرک	رشته	تسهیلات	صادرکننده	بسته کاری	پروژه
D01	0003	DT	SA	120	PEDCO	GCS	BK

شماره صفحه: ۲ از ۲۴

REVISION RECORD SHEET

page	D00	D01	D02	D03	D04
1	X	X			
2	X	X			
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4	X				
5	X	X			
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page	D00	D01	D02	D03	D04
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۰۵۳ - ۰۷۳ - ۹۱۸۴

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D01	0003	DT	SA	120	PEDCO	GCS	BK

شماره صفحه: ۲۴ از ۳

HYDRANT

GENERAL DATA	VENDOR'S MODEL	*					
	TYPE	<input type="checkbox"/> UNDERGROUND	<input type="checkbox"/> DRY BARREL	D01			
	QUANTITY No.	<input checked="" type="checkbox"/> WET BARREL	<input checked="" type="checkbox"/> PILLAR				
	LOCATION	As per MTO; BK-GCS-PEDCO-120-SA-MT-0001					
	REFERENCE DOCUMENT	OUTDOOR As per Specification For Fire Fighting Equipment; BK-GNRAL-PEDCO-000-SA-SP-0001					

OPERATING CONDITIONS

AMBIENT TEMPERATURE	°C	Min. = 5	Max. = 50	D01
HUMIDITY	%	MIN. = 12	MAX. = 90	
ATMOSPHERE	bara	1013		
FLUID HANDLED	FIRE WATER			
FLUID TEMPERATURE	°C	OPERATING= Amb	DESIGN= 85	
OPERATING PRESSURE	barg	Norm. = 10.4	Min. = 7	Design = 15
FIRE RING MAIN	<input type="checkbox"/> ABOVEGROUND <input checked="" type="checkbox"/> UNDERGROUND			

DESCRIPTION-ACCESSORIES

STANDARD	<input checked="" type="checkbox"/> NFPA	<input checked="" type="checkbox"/> NIOEC
DRAINAGE	SELF DRAINAGE	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> TYPE: AUTO BLEED VALVE

CONNECTION TO FIRE MAIN	FLANGE	<input checked="" type="checkbox"/> 4" <input type="checkbox"/> 6"	
	RATING	150 #, FF	
	CONNECTION CODE	ASME B16.5	
	ADJUSTMENT PIPE	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	

PUMPER CONNECTION	Not Required	D01
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MAIN VALVE	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
------------	---

COUPLINGS	QUANTITY	2					
	STANDARD	BS 336					
	DIMENSION	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	TYPE	<input checked="" type="checkbox"/>	Threaded	<input type="checkbox"/>	Inst.	<input type="checkbox"/>	Sym.
	ORIENTATION	180° (BETWEEN TWO HOSE CONNECTION)					
	VALVE	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO					

LEVEL FROM GRADE	HYDRANT SHALL BE 1100 mm ABOVE GROUND LEVEL					
------------------	---	--	--	--	--	--

LANDING VALVE

CONNECTION	INLET	DIMENSION	<input checked="" type="checkbox"/> Threaded	<input type="checkbox"/> Threaded	<input type="checkbox"/> Inst.	<input type="checkbox"/> MALE	<input checked="" type="checkbox"/> MATERIAL	SOLID WEDGE GATE VALVE		
		TYPE								
	OUTLET	DIMENSION							QUANTITY	2
		TYPE	<input type="checkbox"/> Threaded	<input type="checkbox"/> Threaded	<input checked="" type="checkbox"/> Inst.	<input type="checkbox"/> MALE	<input checked="" type="checkbox"/> CODE	BS5041		

SAFETY

BREAK POINT	<input type="checkbox"/> YES <input type="checkbox"/> NO	*
AUTOMATIC CHECK	<input type="checkbox"/> YES <input type="checkbox"/> NO	*

ACCESSORIES	<input type="checkbox"/> PLUGS	<input checked="" type="checkbox"/> CHAIN	<input type="checkbox"/>	<input checked="" type="checkbox"/>	WRENCH
	<input type="checkbox"/>	<input type="checkbox"/> COVER	<input checked="" type="checkbox"/>	<input type="checkbox"/>	CAP

D01

D01



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شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

نسخه	سریال	نوع مدرک	رشته	تسهیلات	صادرکننده	بسته کاری	پروژه
D01	0003	DT	SA	120	PEDCO	GCS	BK

شماره صفحه: ۴ از ۲۴

HYDRANT

MATERIAL-PAINTING-TESTS

BODY	CAST IRON
HYDRANT NOZZLE	BRASS
COUPLINGS	---
PLUG-CHAIN	C.S. GALVANIZED
CAP	BRASS
PAINTING	RED (RAL 3000)
TEST	VISUAL / PERFORMANCE

REMARKS

Notes:

- (1) ALL INFORMATION MARKED BY (*) SHALL BE FILLED BY VENDOR.
- (2) LANDING VALVE AND RELEVANT COUPLING SHALL BE BS 5041.
- (3) PUMPER NOZZLE ORIENTATION SHALL BE TOWARD ROAD SIDE OR ACCESS WAY.
- (4) HYDRANT SHALL BE RATED FOR WORKING PRESSURE OF 150 PSI. SEAT & BARREL SHALL BE TESTED AT PRESSURE OF 300 PSI.
- (5) ANY DEVIATION FROM THIS DATASHEET SHALL BE BROUGHT TO THE ATTENTION OF THE PURCHASER FOR HIS APPROVAL.



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شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

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D01	0003	DT	SA	120	PEDCO	GCS	BK

شماره صفحه: ۵ از ۲۴

HYDRANT (WITH TOP MOUNTED WATER MONITOR)

GENERAL DATA	VENDOR'S MODEL				*		
	HYDRANT TYPE		D01		<input type="checkbox"/> UNDERGROUND <input type="checkbox"/> DRY BARREL <input checked="" type="checkbox"/> WET BARREL <input checked="" type="checkbox"/> PILLAR		
	QUANTITY		NO.		As per MTO; BK-GCS-PEDCO-120-SA-MT-0001		
	LOCATION				OUTDOOR		
	REFERENCE DOCUMENT				As per Specification For Fire Fighting Equipment; GNRAL-PEDCO-000-SA-SP-0001		
	MONITOR TYPE				DOUBLE WHEELED		
OPERATING CONDITIONS							
AMBIENT TEMPERATURE		°C		Min. =5 Max. = 50		D01	
HUMIDITY		%		MIN. =12 MAX. = 90			
ATMOSPHERE		bara		1013			
FLUID HANDLED				FIRE WATER			
FLUID TEMPERATURE		°C		OPERATING= Amb DESIGN= 85			
OPERATING PRESSURE		barg		Norm.= 10.4 Min.= 7 Design= 15			
MONITOR WATER FOLW RATE		2000 LPM @ 7 BAR					
ROTATION RANGE		VERTICAL -45 TO 80 HORIZONTAL 0 - 360					
FIRE RING MAIN				<input type="checkbox"/> ABOVEGROUND <input checked="" type="checkbox"/> UNDERGROUND			
DESCRIPTION-ACCESSORIES							
STANDARD				<input checked="" type="checkbox"/> NFPA 24 <input checked="" type="checkbox"/> NIOEC-SP-47-27			
DRAINAGE		SELF DRAINAGE		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			
CONNECTION TO FIRE MAIN	FLANGE				<input type="checkbox"/> 4" <input checked="" type="checkbox"/> 6"		
	RATING				150 #,FF		
	CONNECTION CODE				ASME/ANSI B16.5		
	ADJUSTMENT PIPE				<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
MONITOR CONNECTION	FLANGE				<input type="checkbox"/> 100 <input type="checkbox"/> 150 <input checked="" type="checkbox"/> 4" <input type="checkbox"/> 3"		
	RATING				150#,RF		
	CONNECTION CODE				ASME/ANSI B16.1		
MAIN VALVE				<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			
COUPLINGS	QUANTITY				* (NOTE 3)		
	STANDARD				BS 336		
	DIMENSION		<input type="checkbox"/> <input type="checkbox"/>		<input checked="" type="checkbox"/> 2*2 1/2" <input type="checkbox"/>		
	TYPE		<input checked="" type="checkbox"/> Threaded <input type="checkbox"/> Inst.		<input type="checkbox"/> Sym. <input type="checkbox"/> MALE <input checked="" type="checkbox"/> FEMALE		
	ORIENTATION				180°(BETWEEN TWO HOSE CONNECTION)		
	VALVE				<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
LEVEL FROM GRADE				HYDRANT SHALL BE 1300 mm ABOVE GROUND LEVEL			
PUMPER CONNECTION							
LANDING VALVE							
CONNECTION	INLET	DIMENSION				TYPE	
		TYPE		<input checked="" type="checkbox"/> Threaded <input type="checkbox"/> Inst. <input type="checkbox"/> MALE <input checked="" type="checkbox"/> FEMALE		MATERIAL	
	OUTLET	DIMENSION				QUANTITY	
		TYPE		<input type="checkbox"/> Threaded <input checked="" type="checkbox"/> Inst. <input type="checkbox"/> MALE <input checked="" type="checkbox"/> FEMALE		CODE	
						SOLID WEDGE GATE VALVE	
						GUNMETAL	
						2	
						BS5041	



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شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

نسخه	سریال	نوع مدرک	رشته	تسهیلات	صادرکننده	بسته کاری	پروژه
D01	0003	DT	SA	120	PEDCO	GCS	BK

شماره صفحه: ۶ از ۲۴

HYDRANT (WITH TOP MOUNTED WATER MONITOR)

SAFETY

BREAK POINT	<input type="checkbox"/>	YES	<input type="checkbox"/>	NO		
AUTOMATIC CHECK	<input type="checkbox"/>	YES	<input type="checkbox"/>	NO		
ACCESSORIES	<input type="checkbox"/>	PLUGS	<input checked="" type="checkbox"/>	CHAIN	<input checked="" type="checkbox"/>	WRENCH
	<input type="checkbox"/>		<input type="checkbox"/>	COVER	<input checked="" type="checkbox"/>	CAP

MATERIAL-PAINTING-TESTS

BODY	CAST IRON
COUPLINGS	---
HYDRANT NOZZLE	BRASS
PLUG-CHAIN	C.S.GALVANIZED
CAP	BRASS
PAINTING	RED (RAL 3000)
TEST	VISUAL / PERFORMANCE

REMARKS

Notes:

- (1) ALL INFORMATION MARKED BY (*) SHALL BE FILLED BY VENDOR.
- (2) LANDING VALVE AND RELEVANT COUPLING SHALL BE BS 5041.
- (3) 4" COUPLING SHALL BE EQUIPPED WITH ELBOW AND FLANGE IN ACCORDANCE WITH MONITOR CONNECTION.
- (4) HYDRANT SHALL BE RATED FOR WORKING PRESSURE OF 150 PSI. SEAT & BARREL SHALL BE TESTED AT PRESSURE OF 300 PSI.
- (5) ANY DEVIATION FROM THIS DATASHEET SHALL BE BROUGHT TO THE ATTENTION OF THE PURCHASER FOR HIS APPROVAL.



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۰۵۳ - ۰۷۳ - ۹۱۸۴

پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
BK	GCS	PEDCO	120	SA	DT	0003	D01

شماره صفحه: ۲۴ از ۷

GENERAL DATA

1	GENERAL INFORMATIONS	
2	TYPE	CO2 PORTABLE EXTINGUISHER
3	MODEL	*
4	QUANTITY	AS PER MTO; BK-GCS-PEDCO-120-SA-MT-0001
5	TAG NO.	*
6	CHARACTERISTIC CAPACITY (KG)	5 KG / *
7	INSTALLATION LOCATION	OUTDOOR
8	DESIGN CODE	NFPA-10/IPS-G-SF-126/BS 5423
9	SERVICE	FIRE FIGHTING
10	METHOD OF OPERATION	STORED PRESSURE- SELF EXPELLANT
11	OPERATING DATA	
12	FIRE CLASS	B/C
13	EFFECTIVE DISCHARGE TIME (SEC)	8~30 / *
14	STREAM HORIZONTAL RANGE (M)	1~2.5 / *
15	STREAM VERTICAL RANGE (M)	*
16	STREAM DISCHARGE ANGLE (DEG)	*
17	RESIDUAL AFTER DISCHARGE (%)	*
18	AMBIENT TEMP. MAX/MIN (°C)	50/5
19	RELATIVE HUMIDITY MAX.(%)	MAX/MIN 90/12
20	EXTINGUISHER AGENT TYPE	CO2 PORTABLE EXTINGUISHER
21	INITIAL CHARGE SUPPLIED BY	VENDOR
22	MIN. FIRE RATING	*
23	TECHNICAL DATA	
24	BOTTLE	SHAPE
25		NOMINAL CAPACITY (LIT)
26		POWDER CHARGE CAPACITY (KG)
27		MATERIAL
28		THICKNESS (MM)
29		OPERATING PRESSURE (KG/CM ² g)
30		DESIGN PRESSURE (KG/CM ² g)
31		TEST PRESSURE (KG/CM ² g)
32		SAFETY DEVICE TYPE
33		CALIBRATION PRESSURE (KG/CM ² g)
34		POWDER LOADING MOUTH SIZE (MM)
35		SUCTION SYPHON
36		PLUG MATERIAL
37	HANDLE	
38	WALL SUPPORT BRACKET	
39	SHELL DESIGN CODE	
40	PRESSURE INDICATOR	
41	DISCHARGE VALVE	TYPE
42		MODEL
43		MATERIAL
44		METHOD OF OPERATION
45		SHUTTER TYPE
46		SHUTTER MATERIAL
47	* TO BE ADVISED BY VENDOR	
48	Note	
49		
50	KG/CM ² ~ 1 BAR	
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D01

D01



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شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
BK	GCS	PEDCO	120	SA	DT	0003	D01

شماره صفحه: ۸ از ۲۴

GENERAL DATA

1	TECHNICAL DATA	
2	RIGID ARM	RIGID ARM MATERIAL
3		CONE MATERIAL
4		ORIENTING JOINT
5	HOSE	TYPE
6		MATERIAL
7		NOMINAL DIAMETER
8		LENGTH
9		OPERATING PRESSURE
10		BURSTING PRESSURE
11	TEST PRESSURE	
12	HORN	TYPE
13		MATERIAL
14		DIMENSIONS
15	OVERALL DIMENSIONS	
16	TOTAL HEIGHT (MM)	
17	MAX. WIDTH (MM)	
18	TOTAL WEIGHT (CHARGED) (KG)	
19	PAINTING AND SURFACE PROTECTION	
20	SURFACE PROTECTION	
21	PAINTING	
22	TESTING	
23	TEST	
24	NO. OF EQUIPMENT TO BE TESTED	
25	INSPECTION CODE/ STANDARD	
26	ENCLOSURES	
27	GENERAL NOTES	
28	EQUIPMENT DRAWING	
29	* TO BE ADVISED BY VENDOR	
30	NOTE	
31	1- ALL INFORMATION MARKED BY "*** SHALL BE FILLED BY VENDOR AND RETURNED DURING QUOTATION STAGE	
32	2- ANY DEVIATION FROM THIS DATASHEET SHALL BE MADE OUT-STANDING AND BROUGHT TO THE ATTENTION OF THE	
33	OWNER FOR HIS APPROVAL	
34	3- IN CASE OF ANY CONFLICT BETWEEN THIS DATASHEET AND CODES/STANDARDS, THE MOST STRINGENT SHALL BE APPLIED.	
35	4- MARKING TO INDICATE EXTINGUISHER SUITABILITY ACCORDING TO CLASS OF FIRE AND OPERATING INSTRUCTIONS,	
36	SHALL BE LOCATED ON THE FRONT OF THE EXTINGUISHER.	
37	5- THE EXTINGUISHER SHALL BE RECHARGABLE TYPE, THEREFORE CHARGING ADAPTOR WITH INSTRUCTION MANUAL	
38	SHALL BE PROVIDED BY SUPPLIER.	
39	6- FINISH COLOR OF EXTINGUISHERS, SHALL BE BLACK (RAL 9005).	
40	7- A WEATHERPROOF CABINET SHALL BE PROVIDED TO INSTALL EXTINGUISHER INSIDE THAT. THIS CABINET WILL BE FIXED	
41	ON WHCP SHELTER. FIXING DEVICES SUCH AS BOLT& NUTS SHOULD BE PROVIDED BY VENDOR.	
42	8-THE TAG NO. OF EACH ITEM SHALL BE ENGRAVED ON STAINLESS STEEL PLATE AND TO BE FIXED TO EXTINGUISHER.	
43	9- BELOW CHARACTERISTICS SHALL BE ENGRAVED ON ALL OF EXTINGUISHERS:	
44	MANUFACTURER NAME	
45	WORKING PRESSURE	
46	TEST PRESSURE	
47	MANUFACTURED DATE	
48	FABRICATION YEAR	
49	CYLINDER FULL WEIGHT	
50	CYLINDER EMPTY WEIGHT	
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شماره صفحه: ۹ از ۲۴

GENERAL DATA

1	GENERAL INFORMATIONS	
2	TYPE	WHEELED CO2
3	MODEL	*
4	QUANTITY	AS PER MTO; BK-GCS-PEDCO-120-SA-MT-0001
5	TAG NO.	*
6	CHARACTERISTIC CAPACITY (KG)	30 KG / *
7	INSTALLATION LOCATION	INDOOR/OUT DOOR
8	DESIGN CODE	NFPA10 /IPS-G-SF-126/BS 1866
9	SERVICE	FIRE FIGHTING
10	OPERATING DATA	
11	FIRE CLASS	B/C
12	EFFECTIVE DISCHARGE TIME (SEC)	22 / *
13	STREAM HORIZONTAL RANGE (M)	MIN. 4 / *
14	STREAM VERTICAL RANGE (M)	MIN. 4 / *
15	STREAM DISCHARGE ANGLE (DEG)	*
16	RESIDUAL AFTER DISCHARGE (%)	LESS THAN 5% / *
17	AMBIENT TEMP. MAX/MIN (°C)	50/5
18	RELATIVE HUMIDITY MAX.(%)	MAX/MIN 90/12
19	EXTINGUISHER AGENT TYPE	CARBON DIOXIDE
20	INITIAL CHARGE SUPPLIED BY	VENDOR
21	TECHNICAL DATA	
22	SHAPE	CYLINDRICAL
23	NOMINAL CAPACITY (LIT)	*
24	AGENT CHARGE CAPACITY (KG)	30
25	MATERIAL	CARBON STEEL
26	THICKNESS (MM)	*
27	OPERATING PRESSURE (BARG)	*
28	DESIGN PRESSURE (BARG)	*
29	TEST PRESSURE (BARG)	*
30	SAFETY DEVICE TYPE	*
31	CALIBRATION PRESSURE (BARG)	*
32	SUCTION SYPHON	YES
33	PLUG MATERIAL	BRASS
34	HANDLE	YES
35	WALL SUPPORT BRACKET	NO
36	SHELL DESIGN CODE	ASME SEC. VIII DIV.I
37	PRESSURE INDICATOR	YES
38	DISCHARGE TYPE	QUICK OPENING
39	DISCHARGE MODEL	*
40	DISCHARGE MATERIAL	BRASS
41	DISCHARGE METHOD OF OPERATION	SQUEEZE LEVER
42	* TO BE ADVISED BY VENDOR	
43	Note	
44		
45	KG/CM² ~ 1 BAR	
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۰۵۳ - ۰۷۳ - ۹۱۸۴

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D01	0003	DT	SA	120	PEDCO	GCS	BK

شماره صفحه: ۱۰ از ۲۴

GENERAL DATA

1	TECHNICAL DATA	
2	RIGID ARM	RIGID ARM MATERIAL
3		CONE MATERIAL
4	HOSE	TYPE
5		MATERIAL
6		NOMINAL DIAMETER (MM)
7		LENGTH (CM)
8		PIPE BURSTING PRESSURE (BARG)
9	TEST PRESSURE (BARG)	
10	NOZZLE	TYPE
11		MODEL
12		MATERIAL
13		STREAM SHUTTING DEVICE
14	SUPPORT	
15	TRAILER	TYPE
16		MATERIAL
17		WHEEL TYPE
18		WHEEL SIZE
19		HAND BAR
20	TOWING EYE	
21	OVERALL DIMENSIONS	
22	TOTAL HEIGHT (MM)	
23	MAX. WIDTH (MM)	
24	TOTAL WEIGHT (KG)	
25	ACCESSORIES	
26	SUPPORT-TYPE	
27	SHEET COVER	
28	PAINTING & SURFACE PROTECTION	
29	INSCRIPTION-LANGUAGE	
30	INSTALLATION METHOD	
31	TEST + INSPECTION	
32	TEST	
33	NO. OF EQUIPMENT TO BE TESTED	
34	INSPECTION SPECIFICATION	
35	NOTE	
36	1- PLEASE REFER TO DOCUMENTS "MTO FOR FIRE EXTINGUISHERS & "FIRE FIGHTING AND SAFETY EQUIPMENT LAYOUT.	
37	2- EXTINGUISHERS SHALL BE CLEARLY&PERMANENTLY MARKED WITH NAME OF MANUFACTURE OR TRADE	
38	MARK/PURCHASER, YEAR OF MANUFACTURE, CLASSIFICATION & RATING.	
39		
40	REMARK :	
41	* SHALL BE FILLED BY VENDOR AND RETURNED DURING QUOTATION STAGE.	
42		
43		



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پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
BK	GCS	PEDCO	120	SA	DT	0003	D01

شماره صفحه: ۱۱ از ۲۴

GENERAL DATA

1	GENERAL INFORMATIONS	
2	TYPE	PORTABLE DRY CHEMICAL POWDER
3	MODEL	*
4	QUANTITY	AS PER MTO; BK-GCS-PEDCO-120-SA-MT-0001
5	CHARACTERISTIC CAPACITY (KG)	12 (PREFERABLE CAPACITY) / *
6	INSTALLATION LOCATION	OUTDOOR
7	DESIGN CODE	NFPA-10/IPS-G-SF-126/BS 5423-BSEN3
8	SERVICE	FIRE FIGHTING
9	METHOD OF OPERATION	CO2 CARTRIDGE INSIDE THE SHELL
10	PROCESS OPERATING DATA	
11	FIRE CLASS	B/C
12	EFFECTIVE DISCHARGE TIME (SEC)	15-25 / * D01
13	STREAM HORIZONTAL RANGE (M)	1.5-6 / *
14	STREAM VERTICAL RANGE (M)	*
15	STREAM DISCHARGE ANGLE (DEG)	*
16	RESIDUAL AFTER DISCHARGE (%)	*
17	AMBIENT TEMP. MAX/MIN (°C)	50/5 D01
18	RELATIVE HUMIDITY MAX.(%)	MAX/MIN 90/12
19	EXTINGUISHER AGENT TYPE	POTASSIUM BICARBONATE
20	UL or ULC CLASSIFICATIONS	*
21	TECHNICAL DATA	
22	SHAPE	CYLINDRICAL
23	NOMINAL CAPACITY (LIT)	*
24	POWDER CHARGE CAPACITY (KG)	12/ *
25	MATERIAL	*
26	THICKNESS (MM)	*
27	OPERATING PRESSURE (KG/CM ² g)	*
28	DESIGN PRESSURE (KG/CM ² g)	*
29	TEST PRESSURE (KG/CM ² g)	*
30	SAFETY DEVICE TYPE	BURST DISK / *
31	CALIBRATION PRESSURE (KG/CM ² g)	*
32	POWDER LOADING MOUTH SIZE (MM)	*
33	SUCTION SYPHON	YES
34	PLUG MATERIAL	*
35	HANDLE	YES
36	WALL SUPPORT BRACKET	YES
37	SHELL DESIGN CODE	ASME SEC. VIII DIV.1/ EN/ IRANIAN STANDARDS / *
38	PRESSURE INDICATOR	NO
39	DISCHARGE VALVE	TYPE QUICK OPENING
40	MODEL	*
41	METHOD OF OPERATION	SQUEEZE LEVER / *
42	MATERIAL	*
43	SHUTTER TYPE	*
44	SHUTTER MATERIAL	*
45	NOZZLE	TYPE FULL JET
46	MODEL	*
47	MATERIAL	*
48	STREAM SHUTTING DEVICE	YES
49	STUPPORT	YES
50	* TO BE ADVISED BY VENDOR	
51	1 KG/CM ² ~ 1 BAR	



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پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
BK	GCS	PEDCO	120	SA	DT	0003	D01

شماره صفحه: ۱۲ از ۲۴

GENERAL DATA

1	TECHNICAL DATA	
2	PRESSURIZED BOTTLE	TYPE
3		GAS TYPE
4		BOTTLE NOMINAL CAPACITY (LIT)
5		GAS CHARGE CAPACITY (KG)
6		BOTTLE MATERIAL
7		THICKNESS (MM)
8		OPERATING PRESSURE (KG/CM ² g)
9		DESIGN PRESSURE (KG/CM ² g)
10		TEST PRESSURE (KG/CM ² g)
11		SAFETY DEVICE
12		SAFETY DEVICE SET PRESSURE (KG/CM ² g)
13		BOTTLE POSITION
14		HOSE
15	TYPE	
16	MATERIAL	
17	NOMINAL DIAMETER (MM)	
18	LENGTH (M)	
19	OPERATING PRESSURE (KG/CM ² g)	
20	BURSTING PRESSURE (KG/CM ² g)	
21	HYDROSTATIC TEST PRESSURE (KG/CM ² g)	
22	OVERALL DIMENSIONS	
23	TOTAL HEIGHT (MM)	*
24	MAX. WIDTH (MM)	*
25	TOTAL WEIGHT (CHARGED) (KG)	*
26	PAINTING AND SURFACE PROTECTION	
27	SURFACE PROTECTION	*
28	PAINTING	FRENCH BLUE (RAL 5002)
29	TESTING	
30	TEST	IPS INTERNATIONAL STANDARD, HYDRO TEST
31	NO. OF EQUIPMENT TO BE TESTED	ALL
32	INSPECTION CODE/ STANDARD	NFPA-10/IPS-G-SF-126-BSEN3
33	ENCLOSURES	
34	GENERAL NOTES	SEE BELOW - NOTE 7
35	EQUIPMENT DRAWING	*
36	* TO BE ADVISED BY VENDOR	
37	NOTE	
38	1. ALL INFORMATION MARKED BY "*" SHALL BE FILLED BY VENDOR AND RETURNED DURING QUOTATION STAGE	
39	2. ANY DEVIATION FROM THIS DATASHEET SHALL BE MADE OUT-STANDING AND BROUGHT TO THE ATTENTION OF THE	
40	OWNER FOR HIS APPROVAL	
41	3. IN CASE OF ANY CONFLICT BETWEEN THIS DATASHEET AND CODES/STANDARDS, THE MOST STRINGENT SHALL BE APPLIED.	
42	4. MARKING TO INDICATE EXTINGUISHER SUITABILITY ACCORDING TO CLASS OF FIRE AND OPERATING INSTRUCTIONS,	
43	SHALL BE LOCATED ON THE FRONT OF THE EXTINGUISHER.	
44	5. THE EXTINGUISHER SHALL BE RECHARGABLE TYPE, THEREFORE CHARGING ADAPTOR WITH INSTRUCTION MANUAL	
45	SHALL BE PROVIDED BY SUPPLIER.	
46	6. FINISH COLOR OF EXTINGUISHERS SHALL BE FRENCH BLUE (RAL 5002).	
47	7. A WEATHERPROOF CABINET SHALL BE PROVIDED TO INSTALL EXTINGUISHER INSIDE THAT. THIS CABINET WILL BE FIXED	
48	ON WHCP SHELTER. FIXING DEVICES SUCH AS BOLT & NUTS SHOULD BE PROVIDED BY VENDOR.	
49	8. THE TAG NO. OF EACH ITEM SHALL BE ENGRAVED ON STAINLESS STEEL PLATE AND TO BE FIXED TO EXTINGUISHER.	
50	9. BELOW CHARACTERISTICS SHALL BE ENGRAVED ON ALL OF EXTINGUISHERS:	
51	MANUFACTURER NAME	
52	WORKING PRESSURE	
53	TEST PRESSURE	
54	MANUFACTURED DATE	
55	FABRICATION YEAR	
56	CYLINDER FULL WEIGHT	
57	CYLINDER EMPTY WEIGHT	
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59		



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BK	GCS	PEDCO	120	SA	DT	0003	D01

شماره صفحه: ۱۳ از ۲۴

GENERAL DATA

1	GENERAL INFORMATIONS	
2	TYPE	WHEELED DRY CHEMICAL POWDER
3	MODEL	*
4	QUANTITY	AS PER MTO; BK-GCS-PEDCO-120-SA-MT-0001
5	CHARACTERISTIC CAPACITY (KG)	75/ *
6	INSTALLATION LOCATION	OUTDOOR
7	DESIGN CODE	NFPA-10/IPS-G-SF-126/BS 5423-EN1866
8	SERVICE	FIRE FIGHTING
9	METHOD OF OPERATION	CO2 CYLINDER, WHICH IS INTEGRAL TO THE STORAGE CYLINDER D01
10	PROCESS OPERATING DATA	
11	FIRE CLASS	B/C
12	EFFECTIVE DISCHARGE TIME (SEC)	30-80 / *
13	STREAM HORIZONTAL RANGE (M)	3-7 / *
14	STREAM VERTICAL RANGE (M)	*
15	STREAM DISCHARGE ANGLE (DEG)	*
16	RESIDUAL AFTER DISCHARGE (%)	LESS THAN 5% / *
17	AMBIENT TEMP. MAX/MIN (°C)	50/5
18	RELATIVE HUMIDITY MAX.(%)	MAX/MIN 90/12 D01
19	EXTINGUISHER AGENT TYPE	POTASSIUM BICARBONATE
20	INITIAL CHARGE SUPPLIED BY	*
21	UL or ULC CLASSIFICATIONS	80 TO 640-B:C / *
22	TECHNICAL DATA	
23	SHAPE	CYLINDRICAL
24	NOMINAL CAPACITY (LIT)	*
25	OPERATING PRESSURE (KG/CM ² g)	*
26	MATERIAL	*
27	THICKNESS (MM)	*
28	OPERATING PRESSURE (KG/CM ² g)	*
29	OPERATING PRESSURE (KG/CM ² g)	*
30	TEST PRESSURE (KG/CM ² g)	*
31	SAFETY DEVICE TYPE	BURST DISK
32	CALIBRATION PRESSURE (KG/CM ² g)	*
33	POWDER LOADING MOUTH SIZE (MM)	*
34	SUCTION SYPHON	*
35	PLUG MATERIAL	*
36	HANDLE	YES
37	WALL SUPPORT BRACKET	NO
38	SHELL DESIGN CODE	ASME SEC. VIII DIV.1/ EN/ IPS / *
39	PRESSURE INDICATOR	NO
40	TYPE	HANDWHEEL
41	MODEL	*
42	MATERIAL	*
43	METHOD OF OPERATION	MANUAL BY HANDWHEEL
44	SHUTTER TYPE	*
45	SHUTTER MATERIAL	*
46	TYPE	HIGH PRESSURE
47	MATERIAL	*
48	NOMINAL DIAMETER (MM)	*
49	LENGTH (M)	15 / *
50	OPERATING PRESSURE (KG/CM ² g)	17 / *
51	BURSTING PRESSURE (KG/CM ² g)	*
52	HYDROSTATIC TEST PRESSURE (KG/CM ² g)	*
53	* TO BE ADVISED BY VENDOR	
54	* 1 KG/CM ² ~ 1 BAR	



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نسخه	سریال	نوع مدرک	رشته	تسهیلات	صادرکننده	بسته کاری	پروژه
D01	0003	DT	SA	120	PEDCO	GCS	BK

شماره صفحه: ۱۴ از ۲۴

GENERAL DATA

1	TECHNICAL DATA	
2	TYPE	CARTRIDGE
3	GAS TYPE	CO2
4	BOTTLE NOMINAL CAPACITY (LIT)	*
5	GAS CHARGE CAPACITY (KG)	*
6	BOTTLE MATERIAL	*
7	THICKNESS (MM)	*
8	OPERATING PRESSURE (KG/CM ² g)	*
9	DESIGN PRESSURE (KG/CM ² g)	*
10	TEST PRESSURE (KG/CM ² g)	*
11	SAFETY DEVICE	YES
12	SAFETY DEVICE SET PRESSURE (KG/CM ² g)	*
13	BOTTLE POSITION	OUTSIDE OF EXTINGUISHER
21	TYPE	PISTOL
22	MODEL	*
23	MATERIAL	*
24	STREAM SHUTTING DEVICE	YES
25	SUPPORT	YES
26	TYPE	*
27	MATERIAL	*
28	WHEEL TYPE	*
29	WHEEL SIZE (MM)	*
30	HAND BAR	YES
31	TOWING EYE	NO
32	OVERALL DIMENSIONS	
33	TOTAL HEIGHT (MM)	*
34	MAX. WIDTH (MM)	*
35	TOTAL WEIGHT (CHARGED) (KG)	*
36	PAINTING AND SURFACE PROTECTION	
37	SURFACE PROTECTION	*
38	PAINTING	EXTERNALLY BAKED PAINT IN FRENCH BLUE RAL 5002
39	TESTING	
40	TEST	IPS INTERNATIONAL STANDARD, HYDRO TEST
41	NO. OF EQUIPMENT TO BE TESTED	ALL
42	INSPECTION CODE/ STANDARD	NFPA-10/IPS-G-SF-126-EN1866
43	ENCLOSURES	
44	GENERAL NOTES	NO NEED
45	EQUIPMENT DRAWING	*
46	* TO BE ADVISED BY VENDOR	
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نسخه	سریال	نوع مدرک	رشته	تسهیلات	صادرکننده	بسته کاری	پروژه
D01	0003	DT	SA	120	PEDCO	GCS	BK

شماره صفحه: ۱۵ از ۲۴

1	NOTE
2	
3	1. ALL INFORMATION MARKED BY "*" SHALL BE FILLED BY VENDOR AND RETURNED DURING QUOTATION STAGE
4	2. ANY DEVIATION FROM THIS DATASHEET SHALL BE MADE OUT-STANDING AND BROUGHT TO THE ATTENTION OF THE
5	OWNER FOR HIS APPROVAL.
6	3. IN CASE OF ANY CONFLICT BETWEEN THIS DATASHEET AND CODES/STANDARDS, THE MOST STRINGENT SHALL BE APPLIED.
7	4. MARKING TO INDICATE EXTINGUISHER SUITABILITY ACCORDING TO CLASS OF FIRE AND OPERATING INSTRUCTIONS,
8	SHALL BE LOCATED ON THE FRONT OF THE EXTINGUISHER.
9	5. THE EXTINGUISHER SHALL BE RECHARGABLE TYPE, THEREFORE CHARGING ADAPTOR WITH INSTRUCTION MANUAL
10	SHALL BE PROVIDED BY SUPPLIER.
11	6. FINISH COLOR OF EXTINGUISHERS SHALL BE FRENCH BLUE (RAL5002).
12	7. THE TAG NO. OF EACH ITEM SHALL BE ENGRAVED ON STAINLESS STEEL PLATE AND TO BE FIXED TO EXTINGUISHER.
13	8. BELOW CHARACTERISTICS SHALL BE ENGRAVED ON ALL OF EXTINGUISHERS:
14	MANUFACTURER NAME
15	WORKING PRESSURE
16	TEST PRESSURE
17	MANUFACTURED DATE
18	FABRICATION YEAR
19	CYLINDER FULL WEIGHT
20	CYLINDER EMPTY WEIGHT
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پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
BK	GCS	PEDCO	120	SA	DT	0003	D01

شماره صفحه: ۱۶ از ۲۴

GENERAL DATA

1	GENERAL INFORMATIONS	
2	item	fire shed
3	quantity	AS PER MTO; BK-GCS-PEDCO-120-SA-MT-0001
4	general characteristics	• Metal body closed on three sides
5		• Sloped roof
6		• Dimensions of 3*3*2.5
7		• Red colored
8		• Concrete floor
9		• Equipped with shelves (three levels)
10		• Equipped with lighting system
11		• Equipment List Panel
12	• Entrance slope way	
13	containment	• 10 No. 2 3/4" hoses 25 meters in length, (Based on BS336)
14		• 1 NO. Foam Container Wrench,
15		• 2 No. pick up tube + in line inductor (450LPM)
16		• 2 No. Nozzles 10x ,(foam maker nozzle for process area),
17		• 5 No. Concentrate Foam (FP 3%) containers -PVC (100 lit.)
18		• 2 No. Dry chemical powder wheeled extinguisher 75 kg
19		• 6 No. Dry chemical powder portable extinguisher 12 kg
20		• 2 No. CO2 wheeled extinguisher 5 kg
21		• 1 No. Foam Barrel Trailer
22		• 1 No. Portable fire water monitor(2000LPM)
23		• 2 NO. Water nozzles with three status (fog/jet/stop)

D01

NOTE:

1-VENDOR shall also guarantee to replace without charge to Owner any or all parts defective due to faulty material, design or poor workmanship for a period of 12 months from the date of commissioning. Also after-sales services of equipment for ten years after successful operation will be done by Vendor/Manufacturer.

2. The container's shelves shall be made of wood.

3. For detail of extinguisher to be referred to 7 To 15

D01

4. For details of other devices to be referred to sheet 17 To 24



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BK	GCS	PEDCO	120	SA	DT	0003	D01

شماره صفحه: ۱۷ از ۲۴

GENERAL DATA

1	GENERAL INFORMATIONS	
2	TYPE	FIRE HOSE
3	SIZE	2,3/4" DIAMETER x 25 METER LENGTH
4	MATERIAL	DOUBLE JACKET OF LIGHT WEIGHT CONSTRUCTION. ALL CORDS IN JACKET SHALL BE NYLON FIBER AND JACKET SHALL BE IMPREGNATED WITH PVC NITRILE MATERIAL. INSIDE TUBE LINING TO BE NEOPRENE OR PVC NITRILE, AND BONDED TO JACKET.
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6		
7		
8	COLOR	RED
9	ACCESSORIES	NONE
10	TEST/INSPECTION	VISUAL
11	WEIGHT	*
12	INSTALLATION	OUTDOOR
13	OPERATING PRESSURE	7-11 BAR
14	MODEL	*
15	SERVICE	FIREFIGHTING
16	INSTALLATION LOCATION	OUTDOOR - INSIDE FIRESHED
17	RATING	25 barg Minimum
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48	* TO BE ADVISED BY VENDOR	



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نسخه	سریال	نوع مدرک	رشته	تسهیلات	صادرکننده	بسته کاری	پروژه
D01	0003	DT	SA	120	PEDCO	GCS	BK

شماره صفحه: ۱۸ از ۲۴

GENERAL DATA

1	GENERAL INFORMATIONS	
2	TYPE	FOAM CONTAINER
3	MODEL	*
4	FOAM PERCENTAGE	FP 3%
5	CAPACITY	100 LITRE
6	MATERIAL	PVC
7	COLOR	*
8	SERVICE	FIREFIGHTING
9	INSTALLATION LOCATION	OUTDOOR - INSIDE FIRESHED
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48	* TO BE ADVISED BY VENDOR	



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D01	0003	DT	SA	120	PEDCO	GCS	BK

شماره صفحه: ۱۹ از ۲۴

GENERAL DATA

1	GENERAL INFORMATIONS	
2	TYPE	FOAM PICK UP TUBE
3	MODEL	*
4	SIZE	1200mm pick up hose / Venor to confirm
5	MATERIAL	ALUMINIUM/*
6	FLOW CAPACITY	450 LPM
7	SERVICE	FOAM
8	INSTALLATION LOCATION	OUTDOOR - INSIDE FIRESHED
9	APPROVAL	*
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43	* TO BE ADVISED BY VENDOR	



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BK	GCS	PEDCO	120	SA	DT	0003	D01

شماره صفحه: ۲۰ از ۲۴

GENERAL DATA

GENERAL INFORMATION	
1	
2	TYPE
3	MODEL
4	SIZE
5	MATERIAL
6	FLOW CAPACITY
7	EXPANSION RATIO
8	OPERATING PRESSURE
9	COLOR
10	SERVICE
11	INSTALLATION LOCATION
12	APPROVAL
13	SPRAY / THROW RANGE
14	FOAM PERCENTAGE
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46	* TO BE ADVISED BY VENDOR



نگهداشت و افزایش تولید میدان نفتی بینک
سطح الارض



احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک



DATA SHEET FOR FIREFIGHTING EQUIPMENT

شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

نسخه	سریال	نوع مدرک	رشته	تسهیلات	صادرکننده	بسته کاری	پروژه
D01	0003	DT	SA	120	PEDCO	GCS	BK

شماره صفحه: ۲۱ از ۲۴

GENERAL DATA

1	GENERAL INFORMATIONS	
2	TYPE	INLINE INDUCTOR
3	MODEL	PORTABLE
4	SERVICE	FOAM
5	INSTALLATION LOCATION	OUTDOOR - INSIDE FIRESHED
6	CAPACITY	450 LPM
7	MATERIAL	GUNMETAL/ *
8	COLOR	*
9	FOAM PERCENTAGE	FP 3%
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نگهداشت و افزایش تولید میدان نفتی بینک
سطح الارض



احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک



DATA SHEET FOR FIREFIGHTING EQUIPMENT

شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

نسخه	سریال	نوع مدرک	رشته	تسهیلات	صادرکننده	بسته کاری	پروژه
D01	0003	DT	SA	120	PEDCO	GCS	BK

شماره صفحه: ۲۲ از ۲۴

GENERAL DATA

1	GENERAL INFORMATIONS		
2	TYPE	BARREL TRAILER	
3	MANUFACTURER'S NAME	*	
4	MANUFACTURER'S MODEL NO.	*	
5	MODEL	*	
6	SERVICE	FIREFIGHTING	
7	INSTALLATION LOCATION	OUTDOOR - INSIDE FIRESHED	
8	TECHNICAL DATA		
9	CAPACITY	ONE BARREL	
10	MATERIAL	*	
11	COLOR	*	
12	AXLE TRAILER NO	SINGLE	
13	AXLE TYPE	*	
14	OVERALL DIMENSIONS		
15	TOTAL HEIGHT	mm	*
16	MAX. HEIGHT AT INCLINED	mm	*
17	MAX LENGTH	mm	*
18	MAX. WIDTH	mm	*
19	TOTAL WEIGHT	KG	*
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نگهداشت و افزایش تولید میدان نفتی بینک
سطح الارض



احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک

DATA SHEET FOR FIREFIGHTING EQUIPMENT

شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

نسخه	سریال	نوع مدرک	رشته	تسهیلات	صادرکننده	بسته کاری	پروژه
D01	0003	DT	SA	120	PEDCO	GCS	BK

شماره صفحه: ۲۳ از ۲۴

GENERAL DATA

1	GENERAL INFORMATIONS	
2	TYPE	HAND WHEELED PORTABLE MONITOR D01
3	MODEL	PORTABLE
4	SERVICE	FIREWATER
5	INSTALLATION LOCATION	OUTDOOR - INSIDE FIRESHED
6	CAPACITY	2000 LPM
7	MATERIAL	*
8	COLOR	*
9	QUICK DEPLOYMENT	YES
10	UNMANNED USE	YES
11	ROTATION	0 ~ 360 ° / *
12	ELEVATION	-20 ~ 80 ° / * D01
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نگهداشت و افزایش تولید میدان نفتی بینک
سطح الارض



احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک



DATA SHEETS FOR FIREFIGHTING EQUIPMENT

شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

نسخه	سریال	نوع مدرک	رشته	تسهیلات	صادرکننده	بسته کاری	پروژه
D01	0003	DT	SA	120	PEDCO	GCS	BK

شماره صفحه: ۲۴ از ۲۴

GENERAL DATA

1	GENERAL INFORMATIONS	
2	TYPE	(FOG/JET/STOP) WATER NOZZLE
3	MODEL	*
4	WATER CAPACITY	450 L/MIN
5	INLET CONNECTION	DUAL 2,1/2"
6	MATERIAL	STAINLESS STEEL OR BRONZE / GUNMETAL
7	NET WEIGHT	*
8	NOZZLE	MANUALLY ADJUSTABLE FROM JET TO FOG
9	SLIDE BEARINGS	WATER BALANCED FOR ROTATION AND ELEVATION
10	SERVICE	FIREWATER/FOAM
11	INSTALLATION LOCATION	OUTDOOR - INSIDE FIRESHED
12	ORIFICE DIAMETER	mm *
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