




 ATRIN RADMEHR	Fire and Gas System	 ماشین سازی اراک
	Development Plan of 28 Reservoirs / BIBI HAKIMEH Oilfield (EPC)	
Date: 2025.Jan.25	Quotation: ARM-25-Q-3875-Rev.00	Page 1 of 4

## Avl Check



Item	Description	Model / P.N	Manufacturer	Origin	Avl Check
<b>Unit NO 1</b>					
1	Addressable Smoke Detector with Base	58000-600	APOLLO	UK	MOP
2	Addressable Audible Alarm for Safe Area	55000-001	APOLLO	UK	MOP
3	Red Flashing/ Beacon (Fire) For Safe Area	EVC50-21J-24VDC-R-R	KROMAMEC	ITALY	
4	Manual Alarm Call Point Weather Proof-Outdoor	EFDC (1SE)	COSIME	ITALY	NISOC
5	Audible Alarm for Safe Area	Model: SONOS – P/N: PSS-0020	KLAXON BY APOLLO	UK	MOP
6	Addressable I.S Combined Smoke & Heat Detector	Model: Orbis - P/N: ORB-OH-53028	APOLLO	UK	MOP
6.1	Zener Barrier (for I.S Devices)	P/N: Z728	Made: PEPPERL+FUCHS	***	
6.2	Zone Monitor Module - Din Rail	55000-812	APOLLO	UK	MOP
7	Gas Detector with Display – H2	Model: Xgard Bright	CROWCON	UK	NISOC
8	Yellow Flashing/ Beacon (Gas) For Safe Area	EVC50-21J-24VDC-R-Y	KROMAMEC	ITALY	
9	UV/IR Flame Detector	Model: FGard UVIR – P/N: FD-UVIR-A-M25	CROWCON	UK	NISOC
10	Yellow Flashing/ Beacon (Gas) For Safe Area	EVC50-21J-24VDC-R-Y	KROMAMEC	ITALY	
11	Red Flashing/ Beacon (Fire) For Safe Area	EVC50-21J-24VDC-R-R	KROMAMEC	ITALY	
12	Blue Flashing / Beacon (Toxic)	EVC50-21J-24VDC-R-B	KROMAMEC	ITALY	
13	Manual Alarm Call Point	EFDC (1SE)	COSIME	ITALY	NISOC
14	Audible Alarm (2 Tone)	Model: ETH20MD/1032/10W	KROMAMEC	ITALY	
15	Liner Heat Detector	Model: ProReact Digital LHD	THERMOCABLE	UK	
15.1	Termination Junction Box for Liner Heat Detector	*****	MD	IRAN	
16	Toxic Gas Detector(H2S)	Model: Xgard Bright	CROWCON	UK	NISOC
17	Combustible Gas Detectors Infrared Absorption (CH4)	Model: Xgard Bright	CROWCON	UK	NISOC
<b>Unit NO 2</b>					
1	Addressable Smoke Detector with Base	58000-600	APOLLO	UK	MOP
2	Addressable Audible Alarm for Safe Area	55000-001	APOLLO	UK	MOP
3	Liner Heat Detector	Model: ProReact Digital LHD	THERMOCABLE	UK	

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3.1	Termination Junction Box for Liner Heat Detector	*****	MD	IRAN	
4	Addressable I.S Combined Smoke & Heat Detector	Model: Orbis - P/N: ORB-OH-53028	APOLLO	UK	MOP
4.1	Zener Barrier (for I.S Devices)	P/N: Z728	Made: PEPPERL+FUCHS	***	
4.2	Zone Monitor Module - Din Rail	55000-812	APOLLO	UK	MOP
5	Gas Detector with Display – H2	Model: Xgard Bright	CROWCON	UK	NISOC
6	Yellow Flashing/ Beacon (Gas) For Safe Area	EVC50-21J-24VDC-R-Y	KROMAMEC	ITALY	
7	Red Flashing/ Beacon (Fire) For Safe Area	EVC50-21J-24VDC-R-R	KROMAMEC	ITALY	
8	Red Flashing/ Beacon (Fire) For Safe Area	EVC50-21J-24VDC-R-R	KROMAMEC	ITALY	
9	Manual Alarm Call Point	EFDC (1SE)	COSIME	ITALY	NISOC
10	Addressable Audible Alarm for Safe Area	55000-001	APOLLO	UK	MOP
11	UV/IR Flame Detector	Model: FGard UVIR – P/N: FD-UVIR-A-M25	CROWCON	UK	NISOC
12	Yellow Flashing/ Beacon (Gas) For Safe Area	EVC50-21J-24VDC-R-Y	KROMAMEC	ITALY	
13	Red Flashing/ Beacon (Fire) For Safe Area	EVC50-21J-24VDC-R-R	KROMAMEC	ITALY	
14	Blue Flashing / Beacon (Toxic)	EVC50-21J-24VDC-R-B	KROMAMEC	ITALY	
15	Manual Alarm Call Point	EFDC (1SE)	COSIME	ITALY	NISOC
16	Addressable Audible Alarm for Safe Area	55000-001	APOLLO	UK	MOP
17	Liner Heat Detector	Model: ProReact Digital LHD	THERMOCABLE	UK	
17.1	Termination Junction Box for Liner Heat Detector	*****	MD	IRAN	
18	Combustible Gas Detectors Infrared Absorption (CH4)	Model: Xgard Bright	CROWCON	UK	NISOC
<b>Desalting Unit No.2</b>					
1	Addressable Smoke Detector with Base	58000-600	APOLLO	UK	MOP
2	Addressable Audible Alarm for Safe Area	55000-001	APOLLO	UK	MOP
3	Liner Heat Detector	Model: ProReact Digital LHD	THERMOCABLE	UK	
3.1	Termination Junction Box for Liner Heat Detector	*****	MD	IRAN	
4	Red Flashing/ Beacon (Fire) For Safe Area	EVC50-21J-24VDC-R-R	KROMAMEC	ITALY	
5	Red Flashing/ Beacon (Fire) For Safe Area	EVC50-21J-24VDC-R-R	KROMAMEC	ITALY	
6	Gas Detector with Display – H2	Model: Xgard Bright	CROWCON	UK	NISOC

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7	Manual Alarm Call Point	EFDC (1SE)	COSIME	ITALY	NISOC
8	Audible Alarm for Safe Area	Model: SONOS – P/N: PSS-0020	KLAXON BY APOLLO	UK	MOP
9	UV/IR Flame Detector	Model: FGard UVIR – P/N: FD-UVIR-A-M25	CROWCON	UK	NISOC
10	Liner Heat Detector	Model: ProReact Digital LHD	THERMOCABLE	UK	
10.1	Termination Junction Box for Liner Heat Detector	*****	MD	IRAN	
11	Combustible Gas Detectors Infrared Absorption (CH4)	Model: Xgard Bright	CROWCON	UK	NISOC
12	Toxic Gas Detector(H2S)	Model: Xgard Bright	CROWCON	UK	NISOC
13	Yellow Flashing/ Beacon (Gas) For Safe Area	EVC50-21J-24VDC-R-Y	KROMAMEC	ITALY	
14	Red Flashing/ Beacon (Fire) For Safe Area	EVC50-21J-24VDC-R-R	KROMAMEC	ITALY	
15	Blue Flashing / Beacon (Toxic)	EVC50-21J-24VDC-R-B	KROMAMEC	ITALY	
16	Manual Alarm Call Point	EFDC (1SE)	COSIME	ITALY	NISOC
17	Addressable Audible Alarm for Safe Area	55000-001	APOLLO	UK	MOP
<b>Nargesi</b>					
1	Addressable Smoke Detector with Base	P/N:58000-600 P/N: 45681-210	APOLLO	UK	MOP
2	Addressable Smoke Detector with Base & Remote Indicator	P/N:58000-600 P/N: 45681-210 P/N: 53832-070	APOLLO	UK	MOP
3	Addressable Audible Alarm for Safe Area	55000-001	APOLLO	UK	MOP
4	Liner Heat Detector	Model: ProReact Digital LHD	THERMOCABLE	UK	
4.1	Termination Junction Box for Liner Heat Detector	*****	MD	IRAN	
5	Gas Detector with Display – H2	Model: Xgard Bright	CROWCON	UK	NISOC
6	Yellow Flashing/ Beacon (Gas) For Safe Area	EVC50-21J-24VDC-R-Y	KROMAMEC	ITALY	
7	Red Flashing/ Beacon (Fire) For Safe Area	EVC50-21J-24VDC-R-R	KROMAMEC	ITALY	
8	Manual Alarm Call Point	EFDC (1SE)	COSIME	ITALY	NISOC
9	Audible Alarm for Safe Area	Model: SONOS – P/N: PSS-0020	KLAXON BY APOLLO	UK	MOP
10	Addressable I.S Combined Smoke & Heat Detector	Model: Orbis - P/N: ORB-OH-53028	APOLLO	UK	MOP
10.1	Zener Barrier (for I.S Devices)	P/N: Z728	Made: PEPPERL+FUCHS	***	
10.2	Zone Monitor Module - Din Rail	55000-812	APOLLO	UK	MOP

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11	Heat Detector-Fix Temperature Type	Model: Orbis - P/N: ORB-HT-11014-APO (A2S-Class)	APOLLO	UK	MOP
12	UV/IR Flame Detector	Model: FGard UVIR – P/N: FD-UVIR-A-M25	CROWCON	UK	NISOC
13	Toxic Gas Detector(H2S)	Model: Xgard Bright	CROWCON	UK	NISOC
14	Combustible Gas Detectors Infrared Absorption (CH4)	Model: Xgard Bright	CROWCON	UK	NISOC
15	Yellow Flashing/ Beacon (Gas) For Safe Area	EVC50-21J-24VDC-R-Y	KROMAMEC	ITALY	
16	Red Flashing/ Beacon (Fire) For Safe Area	EVC50-21J-24VDC-R-R	KROMAMEC	ITALY	
17	Blue Flashing / Beacon (Toxic)	EVC50-21J-24VDC-R-B	KROMAMEC	ITALY	
18	Manual Alarm Call Point	EFDC (1SE)	COSIME	ITALY	NISOC
19	Audible Alarm for Safe Area	Model: SONOS – P/N: PSS-0020	KLAXON BY APOLLO	UK	MOP