

	DATASHEET	
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COMPANY
CONTRACTOR
PROJECT TITLE




LOCATION
CONTRACT NO
JOB NO

: PT. PERTAMINA PATRA NIAGA
: PT. PP (PERSERO), Tbk
: Pembangunan Dermaga Kapasitas 50,000 DWT di Fuel Terminal Biak
: Kabupaten Biak Numfor, Papua Barat, Indonesia.
:
: 723002

PT. PERTAMINA PATRA NIAGA

☐ APPROVED
☐ APPROVED WITH COMMENT
☐ NOT APPROVED

DATE	CHECKED	APPROVED

0	Issued for Approval	13/03/2024	 ELT	 ABP / SM	 SAW	AFM	ATH	AP
REV	DESCRIPTION	DATE	PREPARED	CHECKED	APPROVED	REVIEWED		APPROVED
			PT. PP (Persero), Tbk.			PT. Pertamina Patra Niaga		
			PREPARED & SUBMITTED BY			REVIEWED & APPROVED BY		



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REVISION CONTROL SHEET

REV. NO.	DATE	DESCRIPTION
0	13/03/2024	Issued For Approval



DISTRIBUTION ORDER



EXTERNAL ISSUE	PT. PP (Persero) Tbk - INTERNAL ISSUE	
<input checked="" type="checkbox"/> PT. PERTAMINA PATRA NIAGA	<input checked="" type="checkbox"/> PROJECT MANAGER	<input type="checkbox"/> LEAD ADMINISTRATION
	<input checked="" type="checkbox"/> ENGINEERING MANAGER	<input type="checkbox"/> LEAD SHE
	<input type="checkbox"/> CONSTRUCTION MANAGER	
	<input checked="" type="checkbox"/> PROCUREMENT MANAGER	
	<input type="checkbox"/> PROJECT CONTROL MANAGER	
	<input type="checkbox"/> SHE MANAGER	
	<input type="checkbox"/> QC MANAGER	
	<input checked="" type="checkbox"/> LEAD ENGINEERING	
	<input type="checkbox"/> LEAD PROJECT CONTROL	



		<p align="center">DATASHEET</p>			
<p>Document No.</p>		<p align="center">PROCESS SAFETY DATASHEET FOR FIRE PROTECTION & SAFETY EQUIPMENT</p>		<p>REV : 0</p>	
<p>BIAK-DS-10-001-A4</p>				<p>Sheet No.</p> <p>Page 3 of 10</p>	
<p>1.0 FIRE HYDRANT</p>					
<p>A) GENERAL INFORMATION</p>					
1	ITEM DESCRIPTION	TWO-WAY FIRE HYDRANT			
2	TYPE	<input type="checkbox"/> DRY BARREL TYPE	<input checked="" type="checkbox"/> WET BARREL TYPE		
3	BARREL SIZE	<input checked="" type="checkbox"/> 4 INCH	<input type="checkbox"/> 6 INCH	<input type="checkbox"/> OTHER	
4	QUANTITY	5 UNITS			
5	FLUID HANDLED	<input type="checkbox"/> RAW WATER	<input checked="" type="checkbox"/> SEA WATER	<input type="checkbox"/> FIRE WATER	
6	CAPACITY	2 X 250 USGPM (115 M3/H)			
7	OPERATING CONDITION	MAX. PRESSURE: 13,9 KG/CM ² G TEMPERATURE: AMB. °C			
8	LOCATION	<input checked="" type="checkbox"/> OUTDOOR	<input type="checkbox"/> INDOOR		
9	ENVIRONMENTAL CONDITION	<input type="checkbox"/> HUMID	<input type="checkbox"/> SANDY	<input checked="" type="checkbox"/> MARINE	
10	CODE AND STANDARDS	<input checked="" type="checkbox"/> UL	OR	<input checked="" type="checkbox"/> FM	(NOTE 2)
<p>B) FIRE HYDRANT VALVE AND CONNECTIONS</p>					
11	INLET SIZE AND TYPE	4" ANSI CLASS 150 LBS RF WELDED NECK FLANGED			
12	OUTLET QUANTITY	<input checked="" type="checkbox"/> TWO	<input type="checkbox"/> THREE	<input type="checkbox"/> OTHER	
13	HOSE CONNECTION	2 PCS X 2-1/2" WITH NHT COUPLING			
14	HYDRANT VALVE MODEL	<input type="checkbox"/> OBLIQUE	<input checked="" type="checkbox"/> BIB NOSE		
15	PUMPER CONNECTION	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO		
<p>C) ACCESSORIES</p>					
16	ACCESSORIES	<input checked="" type="checkbox"/> CAP & CHAIN	<input checked="" type="checkbox"/> BOLT & NUTS		
17		<input checked="" type="checkbox"/> SS TAG PLATE NO.	<input checked="" type="checkbox"/> FLANGE GASKET		
<p>D) MATERIAL, PAINTING, AND TEST</p>					
18	MATERIAL DATA	HYDRANT PILLAR	:	BRASS OR EQUIVALENT	
19		HOSE COUPLING	:	BRONZE OR EQUIVALENT	
20		HYDRANT VALVE	:	BRASS OR EQUIVALENT	
21		CAP	:	BRASS OR EQUIVALENT	
22		CHAIN	:	STAINLESS STEEL	
23	PAINTING	PRIMER AND RED EPOXY PAINT (RAL 3000) FOR MARINE ENVIRONMENT			
24	UNIT WEIGHT	MFR			
25	TEST & INSPECTION	HYDROSTATIC TEST, VISUAL CHECK, COO, COC			
<p>E) NOTES</p>					
26	1. MFR: MANUFACTURER STANDARD				
27	VTA: VENDOR TO ADVISE				
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2.0 FIREFIGHTING CABINET					
A) GENERAL INFORMATION					
1	ITEM DESCRIPTION		FIREFIGHTING CABINET		
2	TYPE		<input type="checkbox"/> WALL HANGED <input checked="" type="checkbox"/> SELF STANDING		
3	QUANTITY		4 SETS		
4	FLUID HANDLED		<input type="checkbox"/> RAW WATER <input checked="" type="checkbox"/> SEA WATER <input type="checkbox"/> FIRE WATER		
5	OPERATING CONDITION		MAX. PRESSURE: 13,9 KG/CM ² G TEMPERATURE: AMB. °C		
6	LOCATION		<input checked="" type="checkbox"/> OUTDOOR <input type="checkbox"/> INDOOR		
7	ENVIRONMENTAL CONDITION		<input type="checkbox"/> HUMID <input type="checkbox"/> SANDY <input checked="" type="checkbox"/> MARINE		
8	CODE AND STANDARDS		<input checked="" type="checkbox"/> UL OR <input checked="" type="checkbox"/> FM		
B) CABINET FEATURES AND CONTENTS					
9	CABINET FEATURES		DOOR <input checked="" type="checkbox"/> HINGED RIGHT <input type="checkbox"/> HINGED LEFT		
10			LOCK : <input type="checkbox"/> LATCH ONLY <input checked="" type="checkbox"/> KEY LOCK		
11			SUPPORT : REQUIRED		
12			VENTILATION : REQUIRED		
13			SIZE : VTA (SUFFICIENT TO STORE ALL CONTENTS)		
14	CABINET CONTENTS		FIRE HOSE : 2 PCS (30 METER LENGTH WITH 2-1/2" NHT TYPE COUPLING)		
15			WATER NOZZLE : 2 PCS (TYPE: FOG/STRAIGHT/SHUT-OFF; 2-1/2" NHT COUPLING INLET)		
16			FOAM INDUCTOR : 1 PCS (PORTABLE INDUCTOR 3% AFFF TYPE; 2-1/2" NHT COUPLING)		
17			FOAM NOZZLE : 1 PCS (TYPE: FOAM BRANCH PIPE; 2-1/2" NHT COUPLING)		
18			FOAM PAIL : 2 PCS (TYPE: 3% AFFF CONCENTRATE, CAP. 25 L)		
C) ACCESSORIES					
19	ACCESSORIES		<input checked="" type="checkbox"/> SS TAG PLATE NO. <input checked="" type="checkbox"/> BOLT & NUTS		
20			<input checked="" type="checkbox"/> HOSE RACK AND HANGER		
D) MATERIAL, PAINTING, AND TEST					
21	MATERIAL DATA		WATER NOZZLES : ALUMINIUM ALLOY OR EQUIVALENT		
22			FIRE HOSE : RUBBER		
23			HOSE COUPLING : BRASS/ALUMINIUM OR EQUIVALENT		
24			FOAM NOZZLE : ALUMINIUM OR EQUIVALENT		
25			FOAM INDUCTOR : BRASS/BRONZE OR EQUIVALENT		
26			CABINET		
27			BODY : STEEL PLATE (EPOXY COATED)		
28			HANDLE : STAINLESS STEEL		
29			HINGES : STAINLESS STEEL		
30	PAINTING		RAL 3000		
31	UNIT WEIGHT		MFR		
32	TEST & INSPECTION		DIMENSIONAL CHECK, VISUAL CHECK, COO, COC		
E) NOTES					
33	1. MFR: MANUFACTURER STANDARD				
34	VTA: VENDOR TO ADVISE				
35	2. THE CABINET ROOFTOP SHALL SLOPE TOWARDS GROUND TO AVOID WATER ACCUMULATION				
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3.0 FIRE FOAM MONITOR					
A) GENERAL INFORMATION					
1	ITEM DESCRIPTION	WATER-POWERED FOAM MONITOR			
2	TYPE	<input checked="" type="checkbox"/> MANUAL LEVER	<input type="checkbox"/> MANUAL GEAR	<input checked="" type="checkbox"/> SELF-OSCILLATING	
3		<input checked="" type="checkbox"/> SINGLE WATERWAY	<input type="checkbox"/> DOUBLE WATERWAY		
4	QUANTITY	2 SETS			
5	FLUID HANDLED	<input type="checkbox"/> RAW WATER	<input checked="" type="checkbox"/> FOAM SEA WATER	<input type="checkbox"/> FIRE WATER	
6	OPERATING CONDITION	MAX. PRESSURE: 13,9 KG/CM ² G TEMPERATURE: AMB. °C			
7	LOCATION	<input checked="" type="checkbox"/> OUTDOOR	<input type="checkbox"/> INDOOR		
8	ENVIRONMENTAL CONDITION	<input type="checkbox"/> HUMID	<input type="checkbox"/> SANDY	<input checked="" type="checkbox"/> MARINE	
9	OSCILLATING POWER	<input type="checkbox"/> MANUAL	<input checked="" type="checkbox"/> HYDRAULIC	<input type="checkbox"/> ELECTRIC	
10	CODE AND STANDARDS	<input checked="" type="checkbox"/> UL	OR	<input checked="" type="checkbox"/> FM	
B) FOAM MONITOR CONNECTIONS AND FEATURES					
11	INLET SIZE AND TYPE	4" ANSI CLASS 150 LBS RF WELDED NECK FLANGED			
12	OUTLET SIZE AND TYPE	2-1/2" THREADED OR AS PER MFR			
13	MONITOR FLOW RATES	500 GPM (115 M3/H)			
14	MONITOR CAPABILITY	VERTICAL MOVEMENT : -15° TO +75° IN MINIMUM, WITH LOCKING MECHANISM			
15		HORIZONTAL MOVEMENT : FULL 360° ROTATION			
16	FOAM MONITOR NOZZLE FEATURES				
17	TYPE	ADJUSTABLE FOG/STRAIGHT STREAM, SELF-EDUCTING COMPLETE WITH PICKUP TUBE			
18	INLET	2-1/2" THREADED			
19	NOZZLE PERFORMANCE	CAPABLE REACH RADIUS MIN. 45 METERS			
20	CAPACITY	115 M ³ /H (500 GPM) at 7 KG/CM ² G			
21	FOAM CONCENTRATE TANK				
22	TYPE	FIXED STAINLESS STEEL ATMOSPHERIC TANK			
23	CONCENTRATE TYPE	3% AFFF FOAM CONCENTRATE			
21	CAPACITY	2000 LITER			
22	TANK APPURTENANCES	LEVEL INDICATOR, FILLING CAP, DRAIN CONNECTION, LIFTING LUG			
C) ACCESSORIES					
23	ACCESSORIES	<input checked="" type="checkbox"/> EQUIPMENT TAG NO.	<input checked="" type="checkbox"/> BOLT & NUTS		
24		<input checked="" type="checkbox"/> FLANGE GASKET			
D) MATERIAL, PAINTING, AND TEST					
25	MATERIAL DATA	MONITOR BODY : BRASS OR EQUIVALENT			
26		MONITOR NOZZLE : BRONZE OR EQUIVALENT			
27		FOAM TANK : STAINLESS STEEL			
28	PAINTING	PRIMER AND RED EPOXY PAINT (RAL 3000)			
29	UNIT WEIGHT	MFR			
30	TEST & INSPECTION	HYDROSTATIC TEST, VISUAL CHECK, COO, COC			
E) NOTES					
31	1. MFR: MANUFACTURER STANDARD				
32	VTA: VENDOR TO ADVISE				
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<p>4.0 PORTABLE DRY CHEMICAL FIRE EXTINGUISHER</p>					
<p>A) GENERAL INFORMATION</p>					
1	ITEM DESCRIPTION	BC DRY CHEMICAL EXTINGUISHER			
2	QUANTITY	6 UNITS			
3	CODE AND STANDARDS	<input checked="" type="checkbox"/> UL OR <input checked="" type="checkbox"/> FM			
<p>B) PORTABLE EXTINGUISHER FEATURES</p>					
4	TYPE	<input checked="" type="checkbox"/> HAND <input type="checkbox"/> WHEELED			
5	CLASS	<input type="checkbox"/> A <input checked="" type="checkbox"/> B <input checked="" type="checkbox"/> C			
6	CAPACITY	9 KG (20 LBS)			
7	RATING	VTA			
8	HORIZONTAL RANGE	VTA			
9	DISCHARGE TIME	VTA			
8	OPERATION METHOD	<input type="checkbox"/> STORED PRESSURE <input checked="" type="checkbox"/> CARTRIDGE			
9	EXTINGUISHING AGENT	<input type="checkbox"/> WATER <input type="checkbox"/> AMMONIUM PHOSPHATE			
10		<input type="checkbox"/> POTASSIUM BICARBONATE <input checked="" type="checkbox"/> SODIUM BICARBONATE			
11	LOCATION INSTALLATION	<input checked="" type="checkbox"/> OUTDOOR <input type="checkbox"/> INDOOR			
12	AGENT WEIGHT	MFR			
13	GROSS WEIGHT	MFR			
14	INSTALLATION METHOD	<input type="checkbox"/> HANGER <input checked="" type="checkbox"/> CABINET			
15		<input type="checkbox"/> PAN/ STAND <input type="checkbox"/> WHEEL			
<p>C) ACCESSORIES</p>					
16	ACCESSORIES	<input type="checkbox"/> WALL HANGER <input checked="" type="checkbox"/> CABINET FOR OUTDOOR INSTALLATION			
17		<input checked="" type="checkbox"/> HOSE & NOZZLE <input checked="" type="checkbox"/> INSPECTION TAG			
18		<input type="checkbox"/> PRESSURE GAUGE <input checked="" type="checkbox"/> SCREW & FISHER / BOLT & NUT			
19		<input checked="" type="checkbox"/> EQUIPMENT TAG NO. <input checked="" type="checkbox"/> FIRE EXT. SIGN			
<p>D) MATERIAL, PAINTING, AND TEST</p>					
20	MATERIAL DATA	SHELL : MFR			
21		HOSE : RUBBER			
22		CABINET : STAINLESS STEEL			
23	PAINTING	MFR			
24	UNIT WEIGHT	MFR			
25	TEST & INSPECTION	DIMENSIONAL CHECK, VISUAL CHECK, COO, COC			
<p>E) NOTES</p>					
26	1. MFR: MANUFACTURER STANDARD				
27	VTA: VENDOR TO ADVISE				
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<p>5.0 PORTABLE CO2 FIRE EXTINGUISHER</p>					
<p>A) GENERAL INFORMATION</p>					
1	ITEM DESCRIPTION	CO2 EXTINGUISHER			
2	QUANTITY	2 SETS			
3	CODE AND STANDARDS	<input checked="" type="checkbox"/> UL OR <input checked="" type="checkbox"/> FM			
<p>B) PORTABLE EXTINGUISHER FEATURES</p>					
4	TYPE	<input checked="" type="checkbox"/> HAND <input type="checkbox"/> WHEELED			
5	CLASS	<input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C			
6	CAPACITY	4.5 KG (10 LBS)			
7	RATING	VTA			
8	HORIZONTAL RANGE	VTA			
9	DISCHARGE TIME	VTA			
8	OPERATION METHOD	<input checked="" type="checkbox"/> SELF EXPELLING <input type="checkbox"/> CARTRIDGE			
9	EXTINGUISHING AGENT	<input checked="" type="checkbox"/> CARBON DIOXIDE <input type="checkbox"/> AMMONIUM PHOSPHATE			
10		<input type="checkbox"/> POTASSIUM BICARBONATE <input type="checkbox"/> SODIUM BICARBONATE			
11	LOCATION INSTALLATION	<input type="checkbox"/> OUTDOOR <input checked="" type="checkbox"/> INDOOR			
12	AGENT WEIGHT	MFR			
13	GROSS WEIGHT	MFR			
14	INSTALLATION METHOD	<input type="checkbox"/> HANGER <input checked="" type="checkbox"/> CABINET			
15		<input type="checkbox"/> PAN/ STAND <input type="checkbox"/> WHEEL			
<p>C) ACCESSORIES</p>					
16	ACCESSORIES	<input type="checkbox"/> WALL HANGER <input checked="" type="checkbox"/> CABINET FOR OUTDOOR INSTALLATION			
17		<input checked="" type="checkbox"/> HOSE & NOZZLE <input checked="" type="checkbox"/> INSPECTION TAG			
18		<input type="checkbox"/> PRESSURE GAUGE <input checked="" type="checkbox"/> SCREW & FISHER / BOLT & NUT			
19		<input checked="" type="checkbox"/> EQUIPMENT TAG NO. <input checked="" type="checkbox"/> FIRE EXT. SIGN			
<p>D) MATERIAL, PAINTING, AND TEST</p>					
20	MATERIAL DATA	SHELL : MFR			
21		HOSE : RUBBER			
22		CABINET : STAINLESS STEEL			
23	PAINTING	MFR			
24	UNIT WEIGHT	MFR			
25	TEST & INSPECTION	DIMENSIONAL CHECK, VISUAL CHECK, COO, COC			
<p>E) NOTES</p>					
26	1. MFR: MANUFACTURER STANDARD				
27	VTA: VENDOR TO ADVISE				
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<p>6.0 WHEELED DRY CHEMICAL FIRE EXTINGUISHER</p>					
<p>A) GENERAL INFORMATION</p>					
1	ITEM DESCRIPTION	BC DRY CHEMICAL EXTINGUISHER			
2	QUANTITY	3 SETS			
3	CODE AND STANDARDS	<input checked="" type="checkbox"/> UL OR <input checked="" type="checkbox"/> FM			
<p>B) WHEELED EXTINGUISHER FEATURES</p>					
4	TYPE	<input type="checkbox"/> HAND <input checked="" type="checkbox"/> WHEELED			
5	CLASS	<input type="checkbox"/> A <input checked="" type="checkbox"/> B <input checked="" type="checkbox"/> C			
6	CAPACITY	75 KG (160 LBS)			
7	RATING	VTA			
8	HORIZONTAL RANGE	VTA			
9	DISCHARGE TIME	VTA			
8	OPERATION METHOD	<input checked="" type="checkbox"/> STORED PRESSURE <input checked="" type="checkbox"/> CARTRIDGE			
9	EXTINGUISHING AGENT	<input type="checkbox"/> WATER <input type="checkbox"/> AMMONIUM PHOSPHATE			
10		<input type="checkbox"/> POTASSIUM BICARBONATE <input checked="" type="checkbox"/> SODIUM BICARBONATE			
11	LOCATION INSTALLATION	<input checked="" type="checkbox"/> OUTDOOR <input type="checkbox"/> INDOOR			
12	AGENT WEIGHT	MFR			
13	GROSS WEIGHT	MFR			
14	INSTALLATION METHOD	<input type="checkbox"/> HANGER <input type="checkbox"/> CABINET			
15		<input type="checkbox"/> PAN/ STAND <input checked="" type="checkbox"/> WHEEL			
<p>C) ACCESSORIES</p>					
16	ACCESSORIES	<input checked="" type="checkbox"/> TROLLEY <input checked="" type="checkbox"/> COVERSHEET FOR OUTDOOR INSTALLATION			
17		<input checked="" type="checkbox"/> HOSE & NOZZLE <input checked="" type="checkbox"/> INSPECTION TAG			
18		<input checked="" type="checkbox"/> PRESSURE GAUGE <input type="checkbox"/> SCREW & FISHER / BOLT & NUT			
19		<input checked="" type="checkbox"/> EQUIPMENT TAG NO. <input checked="" type="checkbox"/> FIRE EXT. SIGN			
<p>D) MATERIAL, PAINTING, AND TEST</p>					
20	MATERIAL DATA	SHELL : MFR			
21		HOSE : RUBBER			
22		SHEET COVER : VINYL			
23	PAINTING	MFR			
24	UNIT WEIGHT	MFR			
25	TEST & INSPECTION	DIMENSIONAL CHECK, VISUAL CHECK, COO, COC			
<p>E) NOTES</p>					
26	1. MFR: MANUFACTURER STANDARD				
27	VTA: VENDOR TO ADVISE				
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7.0 FIRE BOAT CONNECTION AND INTERNATION SHIP/ShORE CONNECTION (ISC)					
A) GENERAL INFORMATION					
1	ITEM DESCRIPTION	FIRE BOAT CONNECTION & ISC			
2	TYPE	<input checked="" type="checkbox"/> 2-WAY BREECHING INLET	<input type="checkbox"/> 3-WAY BREECHING INLET		
3	BARREL SIZE	<input checked="" type="checkbox"/> 4 INCH	<input type="checkbox"/> 6 INCH	<input type="checkbox"/> OTHER	
4	QUANTITY	1 SET (FOR FIRE BOAT CONN.) & 2 SET (FOR ISC)			
5	FLUID HANDLED	<input type="checkbox"/> RAW WATER	<input checked="" type="checkbox"/> SEA WATER	<input type="checkbox"/> FIRE WATER	
6	OPERATING CONDITION	MAX. PRESSURE: 13,9 KG/CM ² G TEMPERATURE: AMB. °C			
7	LOCATION	<input checked="" type="checkbox"/> OUTDOOR	<input type="checkbox"/> INDOOR		
8	ENVIRONMENTAL CONDITION	<input type="checkbox"/> HUMID	<input type="checkbox"/> SANDY	<input checked="" type="checkbox"/> MARINE	
9	CODE AND STANDARDS	MFR (FOR FIRE BOAT CONN.) & IMO SOLAS CH.II-2 (FOR ISC)			
B) FIRE BOAT CONNECTION FEATURES					
10	INLET SIZE AND TYPE	2 PCS X 2-1/2" NHT COUPLING			
11	OUTLET SIZE AND TYPE	4" ANSI 150# RF			
12	ACCESSORIES	<input checked="" type="checkbox"/> NON-RETURN VALVE	<input checked="" type="checkbox"/> RUBBER CAP & CHAIN	<input checked="" type="checkbox"/> FLANGE GASKET	
13		<input checked="" type="checkbox"/> GATE VALVE	<input checked="" type="checkbox"/> NUTS & WASHER		
C) INTERNATIONAL SHIP/ShORE CONNECTION FEATURES					
14	DIMENSIONS	OD: 178 MM ID: 64 MM			
15	SLOT IN FLANGE	4 HOLES @ DIA. 19 MM			
16	FLANGE THICKNESS	MIN. 14.5 MM			
17	CONNECTION	2-1/2" WITH NHT COUPLING ADAPTOR			
18	STORAGE	FLAME RETARDANT BOX			
19	ACCESSORIES	<input checked="" type="checkbox"/> SS LOCK & HINGES			
20		<input checked="" type="checkbox"/> SS BOLT & NUT			
D) MATERIAL, PAINTING, AND TEST					
21	MATERIAL DATA	FIRE BOAT CONNECTION	:	BRASS OR EQUIVALENT	
22		ISC	:	BRASS OR EQUIVALENT	
23		CAP	:	RUBBER OR EQUIVALENT	
24		CHAIN	:	STAINLESS STEEL	
25	PAINTING	MFR			
26	UNIT WEIGHT	MFR			
27	TEST & INSPECTION	VISUAL CHECK, COO, COC			
E) NOTES					
28	1. MFR: MANUFACTURER STANDARD				
29	VTA: VENDOR TO ADVISE				
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8.0 EYEWASH & SAFETY SHOWER					
A) GENERAL INFORMATION					
1	ITEM DESCRIPTION		EYEWASH AND SAFETY SHOWER		
2	TYPE		<input checked="" type="checkbox"/> PLUMBED	<input type="checkbox"/> PORTABLE	
3	QUANTITY		1 SET		
4	FLUID HANDLED		<input checked="" type="checkbox"/> SERVICE WATER	<input type="checkbox"/> SEA WATER	<input type="checkbox"/> FIRE WATER
5	OPERATING CONDITION		MAX. PRESSURE: 4 KG/CM ² G TEMPERATURE: AMB. °C		
6	LOCATION		<input checked="" type="checkbox"/> OUTDOOR	<input type="checkbox"/> INDOOR	
7	ENVIRONMENTAL CONDITION		<input type="checkbox"/> HUMID	<input type="checkbox"/> SANDY	<input checked="" type="checkbox"/> MARINE
8	CODE AND STANDARDS		<input checked="" type="checkbox"/> ANSI/ISEA Z358.1	<input checked="" type="checkbox"/> AS 4775-2007	<input checked="" type="checkbox"/> MFR
B) EYEWASH & SAFETY SHOWER FEATURES AND CONNECTIONS					
9	CAPACITY	DURATION	15 MINUTES		
10	SHOWER		20 USGPM (4.54 M3/H)		
11	EYEWASH		0.4 USGPM (0.09 M3/H)		
12	INLET SIZE AND TYPE		2" ASME B16.5, 150# RF		
C) ACCESSORIES					
13	ACCESSORIES		<input checked="" type="checkbox"/>	PULLROD WITH HANDLE	
14			<input type="checkbox"/>	FLOW REGULATOR	
15			<input checked="" type="checkbox"/>	PUSH HANDLE & FOOT PEDAL	
16			<input checked="" type="checkbox"/>	DUST COVER	
17			<input checked="" type="checkbox"/>	DRAIN	
18			<input checked="" type="checkbox"/>	SCALD PROTECTION BLEED VALVE	
19			<input checked="" type="checkbox"/>	EQUIPMENT TAG PLATE	
D) MATERIAL, PAINTING, AND TEST					
20	MATERIAL DATA		BOWL	:	STAINLESS STEEL
21			PIPING	:	STAINLESS STEEL
22			SHOWER	:	STAINLESS STEEL
23			OTHER	:	PLASTIC/PVC
24	PAINTING		MFR		
25	UNIT WEIGHT		MFR		
26	TEST & INSPECTION		VISUAL CHECK, COO, COC		
E) NOTES					
27	1. MFR: MANUFACTURER STANDARD				
28	VTA: VENDOR TO ADVISE				
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