






	DATASHEET	
Document No.	DATASHEET FOR FIRE PROTECTION & SAFETY EQUIPMENT	REV : 0
BIAK-DS-10-001-A4		Sheet No.
		Page 1 of 2

COMPANY : PT. PERTAMINA PATRA NIAGA  
CONTRACTOR : PT. PP (PERSERO), Tbk  
PROJECT TITLE : Pembangunan Dermaga Kapasitas 50,000 DWT di Fuel Terminal Biak  
LOCATION : Kabupaten Biak Numfor, Papua Barat, Indonesia.  
CONTRACT NO :  
JOB NO : 723002

PT. PERTAMINA PATRA NIAGA		
<input checked="" type="checkbox"/>	APPROVED	
<input type="checkbox"/>	APPROVED WITH COMMENT	
<input type="checkbox"/>	NOT APPROVED	
DATE	CHECKED	APPROVED
15/05/2024		

0	Issued for Approval	13/03/2024	 ELT	 ABP / SM	 SAW	AFM	ATH	AP <sup>3</sup>	
REV	DESCRIPTION	DATE	PREPARED	CHECKED	APPROVED	REVIEWED	APPROVED		
			PT. PP (Persero), Tbk.					PT. Pertamina Patra Niaga	
			PREPARED & SUBMITTED BY					REVIEWED & APPROVED BY	



	<b>DATASHEET</b>	
Document No.	<b>DATASHEET FOR FIRE PROTECTION &amp; SAFETY EQUIPMENT</b>	REV : 0
BIAK-DS-10-001-A4		Sheet No.
		Page 2 of 2

**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	



		<b>DATASHEET</b>			
<b>Document No.</b> BIAK-DS-10-001-A4		<b>PROCESS SAFETY DATASHEET FOR FIRE PROTECTION &amp; SAFETY EQUIPMENT</b>		<b>REV : 0</b> <b>Sheet No.</b> Page 3 of 10	



<b>1.0 FIRE HYDRANT</b>					
<b>A) GENERAL INFORMATION</b>					
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 <sup>2</sup> 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)
<b>B) FIRE HYDRANT VALVE AND CONNECTIONS</b>					
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		
<b>C) ACCESSORIES</b>					
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		
<b>D) MATERIAL, PAINTING, AND TEST</b>					
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			
<b>E) NOTES</b>					
26	1. MFR: MANUFACTURER STANDARD				
27	VTA: VENDOR TO ADVISE				
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					





		<b>DATASHEET</b>			
<b>Document No.</b> BIAK-DS-10-001-A4		<b>PROCESS SAFETY DATASHEET FOR FIRE PROTECTION &amp; SAFETY EQUIPMENT</b>		<b>REV : 0</b> <b>Sheet No.</b> Page 4 of 10	
<b>2.0 FIREFIGHTING CABINET</b>					
<b>A) GENERAL INFORMATION</b>					
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 <sup>2</sup> 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>B) CABINET FEATURES AND CONTENTS</b>					
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)			
<b>C) ACCESSORIES</b>					
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			
<b>D) MATERIAL, PAINTING, AND TEST</b>					
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			
<b>E) NOTES</b>					
33	1. MFR: MANUFACTURER STANDARD				
34	VTA: VENDOR TO ADVISE				
35	2. THE CABINET ROOFTOP SHALL SLOPE TOWARDS GROUND TO AVOID WATER ACCUMULATION				
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					



		<b>DATASHEET</b>			
<b>Document No.</b>		<b>PROCESS SAFETY DATASHEET FOR FIRE PROTECTION &amp; SAFETY EQUIPMENT</b>		<b>REV : 0</b>	
<b>BIAK-DS-10-001-A4</b>				<b>Sheet No.</b>	
				<b>Page 5 of 10</b>	
<b>3.0 FIRE FOAM MONITOR</b>					
<b>A) GENERAL INFORMATION</b>					
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 <sup>2</sup> 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>B) FOAM MONITOR CONNECTIONS AND FEATURES</b>					
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 <sup>3</sup> /H (500 GPM) at 7 KG/CM <sup>2</sup> 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			
<b>C) ACCESSORIES</b>					
23	ACCESSORIES	<input checked="" type="checkbox"/> EQUIPMENT TAG NO.	<input checked="" type="checkbox"/> BOLT & NUTS		
24		<input checked="" type="checkbox"/> FLANGE GASKET			
<b>D) MATERIAL, PAINTING, AND TEST</b>					
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			
<b>E) NOTES</b>					
31	1. MFR: MANUFACTURER STANDARD				
32	VTA: VENDOR TO ADVISE				
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					





		<p align="center"><b>DATASHEET</b></p>			
<p>Document No.</p>		<p align="center"><b>PROCESS SAFETY DATASHEET FOR FIRE PROTECTION &amp; SAFETY EQUIPMENT</b></p>		<p>REV : 0</p>	
<p>BIAK-DS-10-001-A4</p>				<p>Sheet No.</p>	
<p align="right">Page 6 of 10</p>					
<p><b>4.0 PORTABLE DRY CHEMICAL FIRE EXTINGUISHER</b></p>					
<p><b>A) GENERAL INFORMATION</b></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>B) PORTABLE EXTINGUISHER FEATURES</b></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><b>C) ACCESSORIES</b></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><b>D) MATERIAL, PAINTING, AND TEST</b></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><b>E) NOTES</b></p>					
26	1. MFR: MANUFACTURER STANDARD				
27	VTA: VENDOR TO ADVISE				
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					



		<p align="center"><b>DATASHEET</b></p>			
<p>Document No.</p>		<p align="center"><b>PROCESS SAFETY DATASHEET FOR FIRE PROTECTION &amp; SAFETY EQUIPMENT</b></p>		<p>REV : 0</p>	
<p>BIAK-DS-10-001-A4</p>				<p>Sheet No.</p> <p>Page 7 of 10</p>	
<p><b>5.0 PORTABLE CO2 FIRE EXTINGUISHER</b></p>					
<p><b>A) GENERAL INFORMATION</b></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>B) PORTABLE EXTINGUISHER FEATURES</b></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><b>C) ACCESSORIES</b></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><b>D) MATERIAL, PAINTING, AND TEST</b></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><b>E) NOTES</b></p>					
26	1. MFR: MANUFACTURER STANDARD				
27	VTA: VENDOR TO ADVISE				
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					



		<p align="center"><b>DATASHEET</b></p>			
<p>Document No.</p>		<p align="center"><b>PROCESS SAFETY DATASHEET FOR FIRE PROTECTION &amp; SAFETY EQUIPMENT</b></p>		<p>REV : 0</p>	
<p>BIAK-DS-10-001-A4</p>				<p>Sheet No.</p> <p>Page 8 of 10</p>	
<p><b>6.0 WHEELED DRY CHEMICAL FIRE EXTINGUISHER</b></p>					
<p><b>A) GENERAL INFORMATION</b></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>B) WHEELED EXTINGUISHER FEATURES</b></p>					
4	TYPE	<input type="checkbox"/> HAND <input checked="" type="checkbox"/> WHEELED			
5	CLASS	<input type="checkbox"/> A <input checked="" type="checkbox"/> B <input 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><b>C) ACCESSORIES</b></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><b>D) MATERIAL, PAINTING, AND TEST</b></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><b>E) NOTES</b></p>					
26	1. MFR: MANUFACTURER STANDARD				
27	VTA: VENDOR TO ADVISE				
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					



		<p align="center"><b>DATASHEET</b></p>			
<p>Document No.</p>		<p align="center"><b>PROCESS SAFETY DATASHEET FOR FIRE PROTECTION &amp; SAFETY EQUIPMENT</b></p>		<p>REV : 0</p>	
<p>BIAK-DS-10-001-A4</p>				<p>Sheet No.</p>	
<p align="right">Page 9 of 10</p>					
<p><b>7.0 FIRE BOAT CONNECTION AND INTERNATION SHIP/SHORE CONNECTION (ISC)</b></p>					
<p><b>A) GENERAL INFORMATION</b></p>					
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 <sup>2</sup> 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)			
<p><b>B) FIRE BOAT CONNECTION FEATURES</b></p>					
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		
<p><b>C) INTERNATIONAL SHIP/SHORE CONNECTION FEATURES</b></p>					
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			
<p><b>D) MATERIAL, PAINTING, AND TEST</b></p>					
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			
<p><b>E) NOTES</b></p>					
28	1. MFR: MANUFACTURER STANDARD				
29	VTA: VENDOR TO ADVISE				
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					

		<b>DATASHEET</b>			
<b>Document No.</b> <b>BIAK-DS-10-001-A4</b>		<b>PROCESS SAFETY DATASHEET FOR FIRE PROTECTION &amp; SAFETY EQUIPMENT</b>		<b>REV : 0</b> <b>Sheet No.</b> <b>Page 10 of 10</b>	
<b>8.0 EYEWASH &amp; SAFETY SHOWER</b>					
<b>A) GENERAL INFORMATION</b>					
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 <sup>2</sup> 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>B) EYEWASH &amp; SAFETY SHOWER FEATURES AND CONNECTIONS</b>					
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		
<b>C) ACCESSORIES</b>					
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		
<b>D) MATERIAL, PAINTING, AND TEST</b>					
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		
<b>E) NOTES</b>					
27	1. MFR: MANUFACTURER STANDARD				
28	VTA: VENDOR TO ADVISE				
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					