

Introduction:

Imen Tiar Engineering Company was established in 1999 - 2000 and today is as a main manufacturer and supplier of fire fighting equipment.

The main activities of this company are:

- 1) Produce the safety and fire fighting equipments.
- 2) Design and install the fire fighting systems.
- 3) Service and maintenance of the fire fighting systems.
- 4) After sales service department.

This company has the ISO 9001:2000 Certificate for Fire Fighting Equipment.

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Producer of Fire Fighting & Safety Equipments

Hydrant



| TR-PH-D3 |

● Dry Barrel Pillar Hydrant:

These hydrants are usually used in the cold areas and made according to AWWA-C502 standard.

Desc.	Model	TR-PH-D1	TR-PH-D2	TR-PH-D3	TR-PH-D4
Inlet Connection		6" or 8"	4" or 6"	2 1/2"	4"
Hose Nozzle (2 1/2") No.		1,2	1,2	1	1,2,3
Pumper Connection		4", 4 1/2", 5"	4", 4 1/2"	-----	4"



| TR-PH-D1 |

● Wet Barrel Pillar Hydrant:

These types of hydrants are usually used in the tropical areas and made according to AWWA – C503 standard. These hydrants have two, three or four outlets and the inlet connection size of them is 4" or 6".



| TR-PH-W1 |



| TR-PH-W2 |



| TR-PH-W5 |



| TR-PH-W8 |



| TR-PH-W9 |

● Under Ground Hydrant:

These hydrants are made according to BS 750 – type 2 standard and have one 2 1/2" outlet and one 3" inlet.



| TR-PH-UH1 |

Post Valve

These kinds of valves are used for isolating the hydrants and are made in two types of indicator and post plate (non-indicator).

Description	Model	TR-PIV	TR-PPV
Type		Indicator	Non-Indicator
Barrel type		Fix / Telescoping	Fix / Telescoping
Valve type		Gate / Butterfly	Gate / Butterfly
Valve size		3", 4", 6", 8", 10", 12"	3", 4", 6", 8", 10", 12"



| TR-PIV |



| TR-PPV |

Landing Valve

● **Globe Valve:**

The Globe valves are made of copper alloy material according to BS5041 Part 1 standard. The outlet standard of these valves is BS 336 Instantaneous or storz.

Desc. Model	SG 1	SG 3	SG 5	SG 7	SG 9
	SG 2	SG 4	SG 6	SG 8	SG 10
Outlet Type	Horizontal	Bib-nose	Oblique	Horizontal	Bib-nose
Inlet Type	Flange Thread	Flange Thread	Flange Thread	Flange Thread	Flange Thread
Valve type	Straight	Straight	Angle	"S" type	"S" type



| TR-SG1 |



| TR-SG2 |



| TR-SG3 |



| TR-SG4 |



| TR-SG5 |



| TR-SG6 |



| TR-SG7 |



| TR-SG8 |



| TR-SG9 |



| TR-SG10 |



Landing Valve

● Pressure Regulator valve:

Because of probable changes of the outlet pressure of the valves that can injure the fire fighter, this type of valve is designed to arrange and fix the outlet pressure of valve (for example 7 bar).
These valves can be fitted to any BS 5041 globe valve.



| TR - PRV 1 |



| TR - PRV 2 |

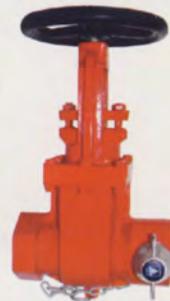
● Gate Valve:

The Gate valves are made of copper alloy material and according to BS5041 Part 2 standard.
The outlet standard of these valves is BS 336 or storz.

Desc. Model	TR-GT1	TR-GT3	TR-GT5
	TR-GT2	TR-GT4	TR-GT6
Stem type	OS & y	NRS	RS
Inlet type	Flange Thread	Flange Thread	Flange Thread



| TR-GT1 |



| TR-GT2 |



| TR-GT3 |



| TR-GT4 |



| TR-GT5 |



| TR-GT6 |

Monitor

There are various kinds of monitors are made in Imen Tiar Company for water and foam services.

Desc. Model	TR-MW1	TR-MW2	TR-MW3	TR-MW4	TR-MW5	TR-MW6	TR-MW7
Type	Portable	Fix	Fix	Fix	Fix	Fix	Fix
Operating system	Single Wheel	Double Wheel	Handel	Chain	Handel	Handel	Handel
Inlet size	2 x 2 1/2"	4"	4"	4"	3" , 4"	4"	4"
Capacity (LPM)	1300-2000	1800-2700	1800-2700	1800-2700	1800-2700	2700-3800	1300-2000



| TR-MW1 |



| TR-MW2 |



| TR-MW3 |



| TR-MW4 |



| TR-MW5 |



| TR-MW7 |



Special Manitor

Desc. Model	TR-JM1	TR-WMW5	TR-TM1	TR-TM2	TR-OSM
Type	Portable	Wheeled	Trailer	Trailer with tank	Hydraulical Actuator
Inlet Size	2 x 2 1/2"	2 x 2 1/2"	4 x 2 1/2"	4 x 2 1/2"	Flange 3" or 4"
Capacity (LPM)	1600	2000	1800 to 3600	1800 to 3600	1800 to 3600
Service	Water /Foam	Water	Water & Foam	Water & Foam	Water



| TR-JM1 |
Jet Master Monitor



| TR-OSM |
Self Oscillating Monitor



| TR-WMW5 |
Wheeled Monitor



| TR-TM1 |
Trailer Monitor



| TR-TM2 |
Trailer Monitor with foam tank

Foam Equipments

a) Mobile Foam Unit

Descr.	Model	TR-MF-U1	TR-MF-U2
Type		Mobile	Mobile
Foam tank capacity		120 lit	200 lit
Foam tank material		GRP	GRP



|TR-MF-U1|

b) Inline – Inductor

This product is made of AL-Alloy / gunmetal material and with BS 336 or Storz Inlet /Outlet standard.

Induction rate of these inline-inductors is 3% and 6%.

Descr.	Model	TR ILI 225	TR ILI 450	TR ILI 900
Capacity		225	450	900



|TR-ILI 450|

c) Foam Nozzle

These nozzles are made of Al – Alloy / Stainless steel material and with BS 336 or Storz Inlet standard.

Descr.	Model	TR-AFN 225	TR-SFN 225	TR-AFN 450	TR-SFN 450	TR-AFN 900	TR-SFN 900
Type 1		Simple	Simple	Simple	Simple	Simple	Simple
Type 2		Self inducing	Self inducing	Self inducing	Self inducing	Self inducing	Self inducing
Capacity		225	225	450	450	900	900
Body material		Al - Alloy	Stainless Steel	Al - Alloy	Stainless Steel	Al - Alloy	Stainless Steel



|TR-AFN 450 (Simple type)|



|TR-AFN 450 (Self inducing)|



|TR-SFN 450 (Simple)|



Fire Hose Box & Hose Reel

Desc. Model	HB-W	HR-W
	HB-G	HR-G
Type	Wall ----- Ground	Wall ----- Ground
Size	According to order	According to order
Body material	Steel / S.S / GRP	Steel / S.S



| TR-HB-W1 |



| TR-HB-G1 |



| TR-HR-W1 |

Producer of Fire Fighting & Safety Equipments

Nozzle

a) Handel type: These nozzles are the Handel type and made of Gunmetal / Aluminum material. They are used for water service.

Desc. Model	TR-WN-F1	TR-WN-F2	TR-WN-F3	TR-WN-F4
Capacity	900	450	225	100
Operating	Shut off/on – Fog – Jet			



| TR-WN-F 1 |



| TR-WN-F 2 |



| TR-WN-F 3 |



| TR-WN-F 4 |

b) Pistol type: These nozzles are used for water and foam services. The flow rate of this type of nozzle can be arranged.

Desc. Model	TR-EBK1	TR-EBK2
Capacity	100 to 450	450 to 900
Operating	Shut off/on – Fog – Jet	Shut off/on – Fog – Jet



| TR-EBK 1 |

c) Fix type: These nozzles are made of Gunmetal / Aluminum material. They are used for water and foam services in monitor.

Desc. Model	TR-NM1	TR-NM2	TR-NM3	TR-NM4	TR-FN1800	TR-FN2700	TR-FN3600
Capacity (LPM)	2000	2000	1300	3000	1800	2700	3600
Operating	Shut off/on – Fog – Jet	Fog – Jet	Shut off/on – Fog – Jet	Shut off/on – Fog – Jet	Jet	Jet	Jet
Service	Water	Water	Water	Water	Foam	Foam	Foam



| TR-NM 1 |



| TR-NM 2 |



| TR-FN 2700 |

Fire Fitting

The fire fittings consist of three groups of coupling, adaptor and cap with various sizes from 1 1/2" to 5".
These products are made of Copper alloy / Al-alloy material and according to BS 336, Storz or BSRT standard.

a) Coupling



| BS Coupling |
Multi Serrated



| BS Coupling |
Rib-Tail



| BS Coupling |
Double action



| STORZ Coupling |



| BS Coupling |
4" BS RT

b) Adaptor



| BS Adaptor |
Male - Thread



| BS Adaptor |
Female-Thread



| BS Adaptor |
Male - Male



| BS Adaptor |
Male - female



| BS Adaptor |
female - female



| BS Adaptor |
Flange-Female



| BS Adaptor |
Flange - BSRT



| Storz Adaptor |



| BS - Storz Adaptor |

c) Cap



| Storz Cap |



| BS Cap |
Female



| BS Cap |
Male



| BS Cap |
BSRT

Other Equipments



| TR-EP 1 |

Ejector Pump:

Desc. Model	TR-EP 1	TR-EP 2
Feeding water type	Fire water / Sea water	Fire water / Sea water
Inlet type & size	BS 336/Storz 2 1/2"	Male (BS 336/Storz) 2 1/2"
Outlet type & size	Thread 4"	Female (BS336/Storz) 2 1/2"
Body material	Al - Alloy	Al - Alloy



| TR-EP 2 |

Dividing Breeching:

This product is used for distributing from one feed line over several hose line with 2 or 3 outlets.



Collecting breaching:

Collecting breaching is used for collecting from several feed hose line (2 to 3 inlet) over one outlet.



Hose Washer:

This product is used for washing the hose without brushing it. It can be simply connected to a fire hydrant nozzle and guide the water flow to out of the fire hose.



Hose Roller:

This extremely well designed hose roller is used for rolled the fire hoses without placing stress on your manpower. This causes the outflow of water from fire hoses.



Hose Binder:

This product is used for binding the couplings (1" to 4") to the fire hoses.

Water Curtain:

Water curtain is used to make a curtain of water that cools the fire fighter.



Pressure Gage:

This is used for measure the pressure of middle and end of water line.



Emergency Safety Shower & Eye Wash

This company produces various types of Emergency Safety Shower & Eye Wash as below:

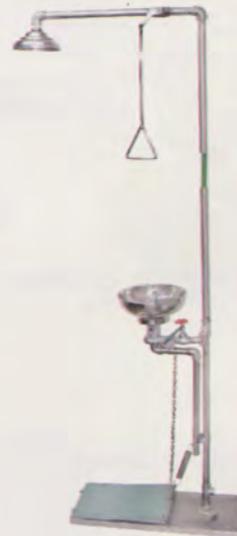
Model	Applications
TR-ES (General type)	For use in all location for general application.
TR-ES-L (laboratory rang type)	For use in all laboratories and clean indoor areas.
TR-ES-D (Self-Draining type)	For use outdoor in tropical and cold climates where over heading or freezing of contained water is a problem.
TR-ES-IH (Isolated and heated type)	As self – draining type but with isolated and heated Mechanism.
TR-ES-F (Frame Type)	For situations where an emergency shower needs to be totally enclosed.
TR-ES-C (Cabinet type)	This type use where a shower needs to be totally enclosed.
TR-ES-CT (Tank cabinet type)	For use when a constant supply of water can not be guaranteed.
TR-ES-M (Mobile type)	This type use where there is not possibility use fix unit.
TR-ES-P (Portable type)	Portable units for immediate use by industries.



| Safety Shower & Eye Wash |



| Portable Eye Wash |



| Safety Shower |

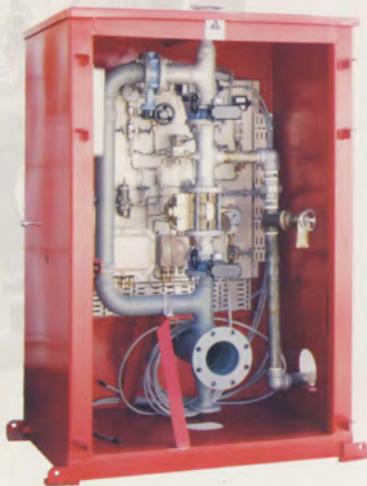


| Eye Wash |

Other Services

This company in addition to its products is a supplier of different systems extinguishers, hoses, foam and etc. with below services:

- Prepare, design, test and install the automatic systems like deluge valve, foam generator, water mist, bladder tank, clean agent and etc.
- Service and maintenance of automatic systems.



| Deluge Systems |



| CO2 Total Flooding System |



| Fire Extinguisher |



| Fire hose |

Short Catalogue C



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