



**INTEGRATED FIRE PROTECTION PVT LTD**

AN ISO 9001, ISO 14001, ISO 45001, SA 8000 CERTIFIED COMPANY

## C6 SELF-HEALING FOAM CONCENTRATES

**FLUORINE-FREE FOAM**



**ZED**  
ZERO DEFECT - ZERO DEFECT



**40<sup>+</sup>**  
YEARS

# PRODUCT CATALOG

 [www.integratedfire.net](http://www.integratedfire.net)





# ABOUT IFP INDIA



Integrated Fire Protection Private Limited (IFP INDIA), founded in 1984, is a leading manufacturer of fire-fighting products, including foams, dry chemical powders, extinguishers, vehicles, security products, and Li-ion battery fire systems. Headquartered in Kolkata with a manufacturing unit in Jalpaiguri, it pioneers fire-fighting foam in India through collaboration with Fire Fighting Systems (FFS) AB, Sweden. Committed to high-quality products meeting global standards, its DSIR-certified R&D drives innovation and advanced fire-fighting solutions for domestic and international markets.

## ✓ **CERTIFICATION**

We are the first Indian Organization to receive ISO 9001 and ISO 14001 certification for manufacturing of Fire Fighting Products followed by UL certification, BIS marking, EN Approval in all range of products.

## ✓ **RESEARCH & DEVELOPMENT**

We have in-house R&D unit, recognized by Department of Scientific and Industrial Research, Govt. of India. Since inception, our team has been involved in quality improvement, import substitution, new product development, new processes for manufacturing etc.

## ✓ **FIRE SAFETY SERVICES**

Our NABL-accredited laboratory is one of the fully equipped and fine tuned laboratories in the field of testing of Fire Fighting Chemicals. The laboratory has testing facility for Foam Concentrates, Dry Chemical Powders, Fire Extinguishers, etc. as per Indian and International Standards.



 [www.integratedfire.net](http://www.integratedfire.net)







## YOUR ONE STOP SOLUTION FOR **FIRE SAFETY**



- FOAM CONCENTRATE
- EQUIPMENT
- DRY CHEMICAL POWDER
- FIRE EXTINGUISHER
- FIRE FIGHTING AND DISASTER MANAGEMENT VEHICLE
- R&D LAB & TRAINING

***"YOUR FIRE SAFETY SOLUTION STARTS HERE AT IFP"***

**LEARN MORE** ➤

**[www.integratedfire.net](http://www.integratedfire.net)**



# INNOVATIONS THAT PROTECT THE FUTURE

*Introducing Fluorine-Free Foam, Lithium-Ion Battery Fire Extinguisher, High Expansion Foam Generators and Concentrates.*



## ✓ FLUORINE FREE FOAM

Introducing our environmentally friendly Fluorine-Free Foams: IFP UNILIGHT GREEN SFFF 3 and IFP UNILIGHT GREEN AR-SFFF 3x3—the next generation of fire suppression. These foams provide quick extinguishment while maintaining the highest safety and environmental standards, as confirmed by their UL-approved certification. Designed with a non-toxic formulation, they are readily biodegradable and adhere to international environmental standards. Combining sustainability with performance, they are ideal for industrial and aviation applications.

UL-Certified to Fight Fires. Save Lives. Protect Nature.



## ✓ LITHIUM-ION BATTERY FIRE EXTINGUISHER & AGENT

It explores advanced safety with our cutting-edge solution for lithium-ion battery fires. IFP UNILIGHT SUPER-V provides an innovative method that rapidly cools, contains, and neutralizes thermal runaway risks, safeguarding both people and property. Compact, portable, and environmentally friendly, the extinguisher is ideal for today's battery-powered systems.

- EFFECTIVE IN CONTROLLING & EXTINGUISHING BATTERY FIRES
- PREPARED FOR DIRECT USE ON FIRES
- NON-TOXIC



## ✓ HIGH EXPANSION FOAM GENERATOR AND CONCENTRATE

IFP TURBO-HX Generators are UL-listed, feature a stainless steel body, and are highly reliable with a compact design. They are hydraulically powered, delivering an excellent foam output of up to 30,000 CFM and capable of operating across a wide pressure range, from 40 PSI to 100 PSI. IFP UNILIGHT-HX 2% high expansion foam concentrate is compatible with both fresh water and seawater, making it suitable for use regardless of water quality.



**Check out our latest innovations!**

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# FIRE EXTINGUISHER

## FUTURE GENERATIONS FIRE EXTINGUISHER



## PRESENTING WORLD'S MOST EFFICIENT FIRE SOLUTION

- ✓ **EFFECTIVE IN CONTROLLING & EXTINGUISHING BATTERY FIRES**
- ✓ **PREPARED FOR DIRECT USE ON FIRES**
- ✓ **NON-TOXIC**

Extinguisher type	Agents	Brand Name	Capacity	Approvals /Standards
Clean Agent Fire Extinguisher	FE 36 (1,1,1,3,3,3 hexafluoro propane)	IFP Firechek	1kg, 2kg, 4kg, 6kg	BIS/EN
Dry Powder Extinguisher	MAP, SBC, PBC PBC-Urea	IFP Firechek	2kg, 4kg, 6kg, 9kg, 25kg, 50kg, 75kg	BIS/EN
Foam Fire Extinguisher	Mechanical Foam (AFFF)	IFP Firechek	6L, 9L	BIS/EN
Water Extinguisher	Water including additives	IFP Firechek	6L, 9L	BIS/EN
Carbon Dioxide Extinguisher	Carbon dioxide	IFP Firechek	2kg, 4.5kg, 6.5kg	BIS/EN
Li-ion Battery Fire Extinguisher	Special Agent (Super-V)	IFP Firechek	2kg, 4kg 6kg, 9kg	BIS/EN
Fluorine Free Foam Fire Extinguisher	Synthetic Fluorine-Free Foam (SFFF)	IFP Firechek	6L, 9L	BIS/EN

**For more information**



[www.integratedfire.net](http://www.integratedfire.net)



# MARINE APPROVED FOAM

**WE ARE C6**

**IMO MSC.1/CIRC 1312**

**IMO MSC/CIRC. 670**



Product Name	Brand Name	%	Approvals/Standards
AFFF 3	IFP UNILIGHT AFFF TYPE 3 C6	3%	LR-SAS & MED TYPE APPROVED
AR-AFFF 3/3	IFP UNILIGHT AR-AFFF TYPE 3/3 C6	3%x3%	LR-SAS & MED TYPE APPROVED
AR-AFFF 3/6	IFP UNILIGHT AR-AFFF TYPE 3/6 C6	3%x6%	LR-SAS & MED TYPE APPROVED
PROTEIN	IFP PF-3	3%	LR-SAS & MED TYPE APPROVED
FLUOROPROTEIN	IFP FP-3 C6	3%	LR-SAS & MED TYPE APPROVED
FLUOROPROTEIN-AR 3/3	IFP AR-FP PLATINUM TYPE 3/3 C6	3%x3%	LR-SAS & MED TYPE APPROVED
FLUOROPROTEIN-AR 3/6	IFP AR-FP PLATINUM TYPE 3/6 C6	3%x6%	LR-SAS & MED TYPE APPROVED
AR-FFFP 3/3	IFP AR-FFFP 3/3 C6	3%x3%	LR-SAS & MED TYPE APPROVED
HIGH EXPANSION FOAM	IFP UNIFOAM	3%	LR-SAS & MED TYPE APPROVED

***For more information***



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# FOAM CONCENTRATE

WE ARE C6



**"FIRST UL LISTED IBC AND GREEN CONTAINER FOR FOAM CONCENTRATES IN THE WORLD"**

General Name	Product Name	Brand Name	Capacity	Approvals/Standards
AQUEOUS FILM FORMING FOAM CONCENTRATE	AFFF 1 AFFF 3 AFFF 6	IFP UNILIGHT AFFF TYPE 1 C6 IFP UNILIGHT AFFF TYPE 3 C6 IFP UNILIGHT AFFF TYPE 6 C6	1% 3% 6%	UL, EN UL, EN, BIS, LR TYPE APPROVED, ICAO, IRS TYPE APPROVED UL, EN, BIS, ICAO, IRS TYPE APPROVED
ALCOHOL RESISTANT AQUEOUS FILM FORMING FOAM	AR AFFF 1x3 AR AFFF 3x3 AR AFFF 3x6	IFP UNILIGHT AR-AFFF TYPE 1/3 C6 IFP UNILIGHT AR-AFFF TYPE 3/3 C6 IFP UNILIGHT AR-AFFF TYPE 3/6 C6	1% x 3% 3% x 3% 3% x 6%	UL, EN 1568-3&4 (complied) UL, EN, BIS, LR TYPE APPROVED, IRS TYPE APPROVED UL, BIS, LR TYPE APPROVED, IRS TYPE APPROVED
HIGH & MEDIUM EXPANSION FOAM	HX FOAM HX FOAM	IFP UNIFOAM IFP UNILIGHT HX-2%	3% 2%	Lloyd's Register, UK UL Listed
VAPOUR SUPPRESSING FOAM	HAZMAT FOAM THERMAL FOAM	IFP HAZMAT FOAM IFP THERMAL FOAM	3%, 6% 3%, 6%	
CLASS A FOAM	CLASS A FOAM WETTING AGENT	IFP CLASS A FOAM IFP WA	1%, 3%, 6% 0.1%-0.5%	BIS, NFPA NFPA 18
PROTEIN FOAM	PROTEIN FOAM 3% PROTEIN FOAM 6%	IFP-PF 3 IFP-PF 6	3% 6%	BIS, LR TYPE APPROVED, IRS TYPE APPROVED BIS
FLUOROPROTEIN FOAM	FLUOROPROTEIN 3% FLUOROPROTEIN 6%	IFP-FP-3 C6 IFP-FP-6 C6	3% 6%	UL, BIS, EN, LR TYPE APPROVED UL, BIS
FILM FORMING FLUORO PROTEIN	FFFP 3% FFFP 6%	IFP FFFP 3 C6 IFP FFFP 6 C6	3% 6%	UL, BIS, EN (COMPLIED) UL, BIS, EN (COMPLIED), ICAO Level-B
ALCOHOL RESISTANT FLUORO PROTEIN	AR-FP 3/3 AR-FP 3/6	IFP AR-FP PLATINUM 3/3 C6 IFP AR-FP PLATINUM 3/6 C6	3% x 3% 3% x 6%	LR TYPE APPROVED LR TYPE APPROVED
ALCOHOL RESISTANT FILM FORMING FLUORO PROTEIN	AR FFFP 3/3 AR FFFP 3/6	IFP AR-FFFP 3/3 C6 IFP AR-FFFP 3/6 C6	3% x 3% 3% x 6%	LR TYPE APPROVED, EN (COMPLIED) EN (COMPLIED)
CELLULAR CONCRETE CONCENTRATE	CLC (SYNTHETIC) CLC (PROTEIN)	IFP CLC-S IFP CLC-P	3% 3%	LR TYPE APPROVED, EN (COMPLIED) EN (COMPLIED)
CLASS-K AGENT (Kitchen Chemical)	CLASS-K AGENT	IFP UNILIGHT CLASS-K		
FLUORINE FREE FOAM	SFFF 3% AR SFFF 3%*3%	IFP UNILIGHT GREEN SFFF 3 IFP UNILIGHT GREEN AR-SFFF 3x3	3% 3% x 3%	ICAO, UL & EN (COMPLIED) UL, ICAO & EN (COMPLIED)
MULTIPURPOSE AGENT FOR METAL FIRE	LITHIUM-IONBATTERY FIRE EXTINGUISHING AGENT	IFP UNILIGHT SUPER-V		

For more information



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# DRY CHEMICAL POWDER

**"OFFERING A PREMIUM RANGE OF DRY CHEMICAL POWDERS FOR FIRE EXTINGUISHERS - ABC, BC, AND D TYPES, INCLUDING MONNEX."**



General Name	Component	Brand Name	Model	Approvals /Standards
ABC Powder	Monoammonium Phosphate	IFP-ABC-DCP	ABC 30, ABC 40, ABC 50, ABC 70, ABC 90	BIS/EN
ABC Powder	Monoammonium Phosphate	IFP FIREKILL ABC	ABC 90	UL/BIS
BC Dry Powder	Sodium Bicarbonate	IFP FIREKILL SBC	SBC 30, SBC 40, SBC 50, SBC 70, SBC 90	BIS/EN
BC Dry Powder	Potassium Bicarbonate	IFP FIREKILL PK	PBC 30, PBC 40, PBC 50, PBC 70, PBC 90	UL/BIS
PBC-Urea Dry Powder	Potassium Allophanate	IFP FIREKILL PUREX		UL
Class-D Powder	Ternary Eutectic Chloride	IFP FIREKILL M		BIS

**For more information**



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# FIRE FIGHTING EQUIPMENT



**VERTICLE BLADDER TANK**



**HORIZONTAL BLADDER TANK**



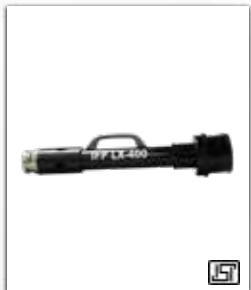
**DELUGE VALVES**



**ATMOSPHERIC FOAM TANK**



**HIGH EXPANSION FOAM  
GENERATOR UPTO 1000 LPM**



**BRANCH PIPE 400 LPM TO  
2500 LPM**



**INLINE INDUCTOR 400 LPM  
TO 2500 LPM**



**PORTABLE WATER MONITOR  
TROLLEY**



**MOBILE FOAM TROLLEY**



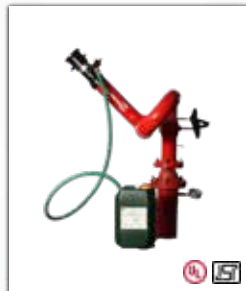
**EMERGENCY TROLLEY AS  
PER OISD-STD-117**



**PISTOL GRIP NOZZLE**



**EMERGENCY TROLLEY AS PER  
OISD-STD-117**



**WATER /FOAM MONITOR UPTO  
750/1000/2000 GPM**



**TRAILOR MOUNTED FOAM  
WATER MONITOR**



**MEDIUM EXPANSION FOAM  
GENERATOR**



**HIGH-EXPANSION FOAM  
GENERATOR (STANDARD)**

**For more information**

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# **FIRE TRUCK**

*IN COLLABORATION WITH WISS*



*AIRPORT CRASH FIRE TENDER*



*MULTIPURPOSE FIRE TENDER*



*AERIAL LADDER PLATFORM*



*MOBILE COMMAND POST*



*ULTRA HIGH PRESSURE  
WATER MIST TENDER*



*RIOT CONTROL VEHICLE*

*For more information*



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# INTERNATIONAL TESTING LABORATORY



**NABL**

Accreditation associated with APLAC, MRA, ILAC



Facility for testing of different kinds of Fire Fighting Chemicals, Systems, Extinguishers as per different International Standards

## R&D, Recognized by DSIR STANDARDS

### ✓ UNDERWRITERS LABORATORIES

UL 162 (Foam Concentrates and Foam Equipments)  
UL 711

### ✓ EUROPEAN STANDARDS

EN 1568 (Foam Concentrates)  
EN 615 (Dry powder)

### ✓ INDIAN STANDARDS

IS 4989 (Foam Concentrates)  
IS 4308 (Dry Powders)  
IS 15683 (Portable Extinguisher)  
IS 16018 (Wheeled Extinguisher)

### ✓ ICAO STANDARDS

ICAO Doc 9137-AN/898, Part-1 (Foam Concentrates)

### ✓ IMO Standards

IMO MSC.1/Circ. 1312  
IMO MSC/Circular 670

**For more information**



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## WE'RE HERE FOR YOU

 Siddha - Esplanade 6, Jawaharlal Nehru Road (Next to Metro INOX), Kolkata- 700013, India

 [info@integratedfire.net](mailto:info@integratedfire.net) / [export@integratedfire.net](mailto:export@integratedfire.net)

 +(91)(33) 2454 1061 / 2454 1057

 +(91)(33) 2476 1107

 [www.integratedfire.net](http://www.integratedfire.net)

*For more information*



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