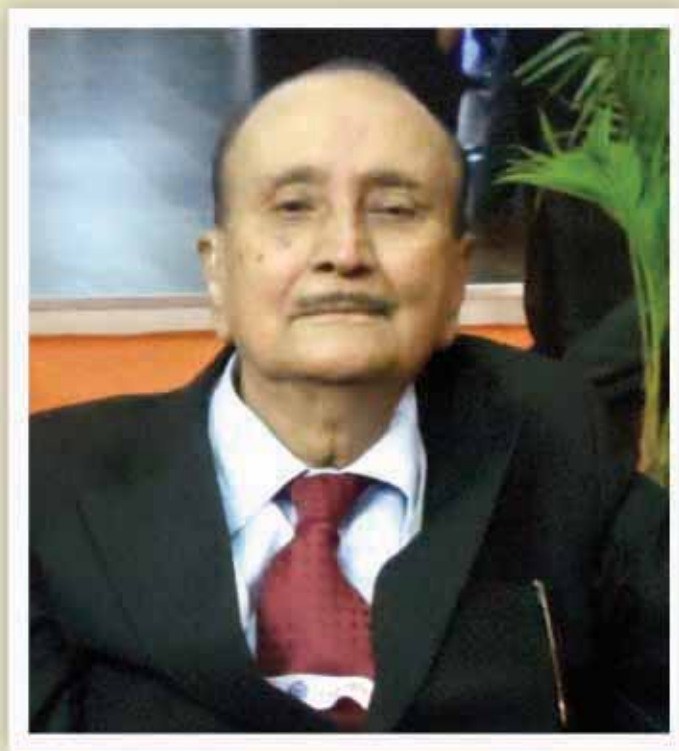




AGNI INDUSTRIAL FIRE SERVICES LIMITED

MAKING LIFE SAFER FOR YOU.....





(10 Feb 1932-24 July 2013)

CHAIRMAN MESSAGE

In The Spirit of thanks giving I would like to express my deepest gratitude to all of you and your families for your contribution to the AIFS on the past years. The Passion dedication and creativity I witness during last several months were incredible. As we look forward we have to overcome lots of challenges specially to develop new life saving equipment, methods, procedure. We need more opportunities for cross-training and collaboration to expand our knowledge base, on challenges face day by day by fire fighters. We as AIFS is second line of defence for the brave life saving fire fighters, Who use our equipments on emergency. Let's all pray to all mighty to keep us safe and fight against fire to save life and property of country.

Jai Hind

A handwritten signature in blue ink, appearing to read 'S.N. Chakraborty', with a stylized flourish at the end.

S.N CHAKRABORTY

FIRE FIGHTING VEHICLE



WATER MIST TENDER

Chassis : TATA – ACE 209,407, 709/Ashok Leyland, Cargo/Eicher , swaraj Mazda.

Pump : Single Stage; Capacity (lpm) – 20-25 . Pressure 250 Bar

P.T.O. : Additional Engine

Water Tank : [S.S./M.S.] (L) : 500 to 3000

Foam Tank : [S.S.] (L) : 250 to 500

Lockers : Shutter Type

Specification: As per Customers requirement.



WATER CANON (RIOT CONTROL VEHICLE)

Chassis : Ashok Leyland, Tourus 2516/TATA-1613, 2516

Pump : Single/double Stage; Capacity (lpm) – 2400 to 3200. at pressure (kg/cm²) – 105 to 8.5

P.T.O. : Full torque drive line.

Water Tank : [S.S./M.S.] (L) : 5000 to 14000

Mounted Eq. High Pressure water Canon hydraulic/pneumatic Control with pulsating jet.

Optional : Accessories, Video Camera etc.

Specification: As per fence Specs./customer requirement

FIRE FIGHTING VEHICLE

WATER TENDER

Chassis : TATA LPT – 1613, 2516/Ashok Leyland-Comet, Cargo, Beaver, Hippo Haulage MAN.

Pump : Single/Double Stage Multi-pressure;

Capacity (LPM) – 1800-2250, 3200, 3800,

Pressure (kg/cm²) – 7 to 8.5 & 300 LPM at 30 (kg/cm²)

P.T.O. : Full torque drive line.

Water Tank : [S.S./M.S.] (L) : 3000 to 5000

Optional : Remote control Monitor and Accessories

Specification: IS 950 (Type B)/IS 6067 (Type-X)/as per customer requirement



WATER BOWSER

Chassis : Ashok Leyland-Hippo Haulage, Taurus, Volvo, Tusker, Beaver/TATA-1613, 2516 2518 MAN.

Pump : Single/Double Stage Multi stage; Capacity (LPM) – 2200 to 6500.

Pressure (kg/cm²) – 7 to 10.5 kg

P.T.O. : Full torque drive line.

Water Tank : [S.S./M.S.] (L) : 5000 to 20000

Optional . : High pressure water monitor, hydraulic pneumatic/manual control.

Specification: As per customer requirement.

DCP TENDER

Chassis : TATA LPT – 1613, 2516/Ashok Leyland-Comet, Beaver, Hippo Haulage, Taurus, Volvo & MAN .

DCP Vessel (kg) : 2x1000kg, 2x2000kg. etc.

Expellant Gas (L) : 6x22.5 kg, 8x22.5 kg, etc.

Discharge Capacity : DCP monitor, capacity: 15 to 45 kg/s etc.

Range : 15 to 55m etc.

Hose Reels : 2x30m with trigger pistol etc.

Special system : Expansion shock device

Lockers: Shutter Type Specification: IS 10993 or as per Customer requirement.



FOAM TENDER

Chassis : TATA 1613, 2516, 2518/Ashok Leyland-Comet, Cargo, Beaver, Hippo Haulage, Taurus .MAN.

Pump : Single/Double Stage Multi-pressure;

Capacity (LPM) – 1800-2250, 3200, 4000,

Pressure (kg/cm²) – 7 to 8.5

P.T.O. : Full torque drive line.

Water Tank : [S.S./M.S.] (L) : 3000 to 5000

Foam Tank : [S.S.] (L) : 550 to 3000

OPTIONAL: Foam monitor, Foam system Automatic/manual)

Specification: IS 10460 or as per customer requirement.

CRASH FIRE TENDER (CFT)

Chassis : Ashok Leyland, Volvo, MAN 4x4, 6x6, chassis.
Pump : Single/Double/Multi-pressure; Capacity (LPM) – 4000 to 6500, Pressure (kg/cm²) – 8.5 to 10.5
P.T.O. : Engine dependent.
Water Tank : [S.S./M.S.] (L) : 4500 to 7000
Foam Tank : [S.S./M.S.] (L) : 550 to 800
Foam System : Automatic (A-T-P)
Foam Monitor : Cabin Operated / Remote Controlled
Acceleration : 0 to 100 kmph in 40 seconds Specification: IS 951, ICAO, Defense, NFPA or DGCA



ACCELERATED FOAM TENDER

Chassis : Volvo FM – 78x4 chassis. MAN
Pump : Imported Godiva / Waterous make 8000 LPM at 10 kg/cm² pr.
P.T.O. : Full torque drive line.
Water Tank : [S.S./M.S.] (L) : 5000 Above
Foam Tank : [S.S./M.S.] (L) : 2000-5000 Above
Foam System : Automatic (A-T-P)/Balanced Pressure.
Foam Monitor : Manual Operated / Remote Controlled
Supplementary Extinguisher : DCP, CO₂ etc.
Specification: as per Customers requirement

HYDRAULIC PLATFORM

Working Height (m) : 22, 25, 32, 37
Chassis : Ashok Leyland / Volvo
Hydraulic Boom : Imported and Indian
Pump : Capacity (lpm) – 2200 to 4500 Pressure (kg/cm²) – 8.5
Monitor Capacity (lpm) : 1800 to 4000
Foam Tank : [S.S.] (L) : 2000 to 2500
Feature : Narrow jacking, automatic levelling, 360 deg.
400 kg max. cage load, max working outreach of 13 to 50m,
up and over reach of 8m, digital display unit (optional)



COMBI TENDER

Chassis : Ashok Leyland – Hippo, Taurus, Volvo MAN
Pump : Capacity (lpm) – 4500 Pressure (kg/cm²) – 8.5
Monitor : Capacity (lpm) 1200kg/ 8000 LPM
Foam Tank : [S.S.] (L) : 4000.
DCP Tank : 4000 kg
Foam Propotiner : Automatic / Balance Pressure
Feature : Constant flow of Foam and DCP at Same time.
Specification: As per Customers requirement

EMERGENCY RESCUE TENDER

Chassis : TATA – LPT 709, 1613, 2516 / Ashok Leyland Comet and Cargo MAN.
Generator (KVA) : 12 or 15, P.T.O. operated
Light Mast : 6m hydraulically operated telescopic with 1000 W x 4 halogen floodlight (rotating and tilting type)
Cable wrench : 5 ton pulling capacity with 60m rope cushion and other safety and rescue items.
Lockers : Tray type with aluminum Shutter/Door
Specification: IS 949/As per Customers requirement.



FIRE FIGHTING MANPOWER



*When People Scream Someone Do Something
Will There Be Enough Of Us TO Do What's Needed*

AIFSL was incorporated in the year 1991 and the Board of director was constituted with late sh. S.N Chakraborty A well known personality in the field of fire safety who cater his life for fire fighting services. AIFSL backed By a Team of High experienced and Qualified Fire Professional and are deployed at different location of India. We have been an established and popular company with an excellent track record for the best customer satisfaction. We have never compromised on the quality and the services provided to the customer. We believe in keeping the customers with latest Technologies and innovation in the field of fire safety. We have an excellent staffs who will guide you with their best ideas by keeping in constant touch with your company and informing about the Technology trends and solution as per application for fire safety to the industries.

We deploy our fire fighting team on 24 x 7 bases for all types of industries, we undertake all responsibilities Duties done by any regular fire services. Our service includes preventive checking of system, standby duty, Fire fighting and rescue. We have a core group of 14 people whom we deployed as a team for shut down of plant, major hot work, Catalyst loading and unloading, new plant commissioning. The deployment as per the customer requirement. The average age is 26 years in our team which has an out flow of both high sprit and dynamism trained Exposure.

We Provide :

1. FIRE ENGINEERS (BE FIRE/ BSC FIRE)
2. SUB OFFICERS (NFSC/NFA/DIFR)
3. DCPO/FED/LFM (NFA/DIFR/ASFE)
4. FIREMAN (DIFR/NFA/ISFE)

WHY AIFSL????

Our fire experts deployed for any plant or project keeping in mind following points:-

- People from same sectors/field.
- People from higher risk area.
- Non residential people of that local area.
- Most disciplined people.
- Team's average age always remain young.
- People can be replaced at any moment of time.
- Group always remain fresh as rotational policies are applied.
- Temporary nature of job always keep person on toe.
- Physically fitness on top priority.
- CTC to the company is less than permanent employee.



First manufacturer of firefighting equipment in France, POK has shown a remarkable development. Created in 1976 by Bruno Grandpierre, its current CEO, POK has current export in 75 countries. POK is a family business where the motivations are passion and conquest of new markets. Fire trucks in France, international navies, airports and oil tankers are equipped with POK products, and they protect themselves with nozzles and remote control monitors. The company's engineering department designs two new products each week while integrating new technologies to satisfy all customers. With its spectacular CNC machines and its 7000m² assembly plants, POK can make on site every device it designs.

POK an ISO 9001 are now certified by the German organisation DQS, UL. The certification by such a rigorous institution has only been possible thanks to the revision of POK performance indicators, and 5S sites showing a strong will to become more efficient. ISO 14001 certification has easily been earned by the same organisation.



FIRE FIGHTING NOZZLE



Automatically Regulated Pressure Selectable Gallonage (Features) :

Aluminium alloy construction, AGS T5, extremely light.
 Flow adjusted by shutoff handle to 20%, 40%, 60% and 80% Of the maximum flow rate. Model LEGENDE 500 combination nozzle.
 Options:- low expansion foam attachment, Swivel elbow.
 Color Options : Bumper guard, Pistol grip.
 Functions Under PN 16 nominal pressure.



Dual Pressure (Features) :

Aluminium alloy construction, AGS T5, extremely light.
 Flow adjusted by shutoff handle to 20%, 40%, 60% and 80% Of the maximum flow rate. Flow rate : 1000/700 l/min @ 6bar/3bar
 Options:- low/medium expansion foam attachment, Color Options : Bumper guard, Pistol grip.
 Functions Under PN 16 nominal pressure.



Selectable Gallonage (Features) :

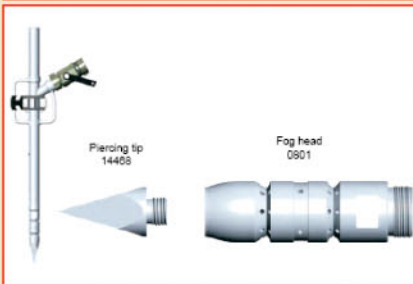
Aluminium alloy construction, AGS T5, extremely light.
 Flow rate : 40 -75 -100 - 150 l/min @ 6bar + PURGE
 Flow rate : 100 - 200 -300 l/min @ 6bar + PURGE
 Flow rate : 150 - 250 - 350-500 l/min @ 6bar + PURGE
 Options:- low/medium expansion foam attachment, Color Options : Bumper guard, Pistol grip. Functions Under PN 16 nominal pressure.



Patented Low Expansion Foam Branchpipes With Shutoff

Expansion about 10
 + 30% Performance storage Space divided by 2

Characteristic at 5 bar	
Flow rate (l/min)	Throw range (m)
200	23
400	35
800	40



"Belier" Piercing nozzle

Nozzle in stainless steel, nominal pressure PN 16.

Flow rate 460 l/min at 7 bar.

Applications :- The "BELIER" piercing nozzle is designed for in & outdoor fires. The hoof helps to break the wall while the piercing tip perforates the wall, creating an opening. Many holes oriented in all directions ensure a spherical diffusion, rapidly suffocating the fire.



Waterwall Nozzle

The waterwall nozzles are used for fire protection tanks or sensitive equipment against radiant heat and flying sparks. These devices have proven remarkably effective "to isolate a burning house from other houses in the neighborhood, built of wood, even though the buildings were spaced less than two meters apart."

Flow rate 500/1200 l/min

Material aluminium alloy and stainless steel

FIRE FIGHTING MONITOR



Pocket portable Self Oscillating

Flow rate : 1400 l/min at 6 bar

Horizontal range: 360° (Manned)

Horizontal range : +/- 60° both side (Unmanned)

Elevation range: 80°

Fold away legs with carbide spikes Construction PN 16

Material : Aluminium alloy



Portable Monitors "Froggy"

Flow rate : 750 l/min at 7 bar Ball valve shutoff

Fold away legs with carbide spikes

Horizontal range : -26° to +26°

Elevation range : +24° to +76°

Option: fold away legs made of composite to decrease the weight

Material : Aluminium alloy



Portable Monitors "KATZ"

Flow rate: 3000 l/min at 7 bar

Horizontal range: 360°

Elevation range : +35° to +85°

Max automatic sweeping : -25° , +25°

Fold away legs Construction PN 16 Material : Aluminium alloy



Primator

Operation via handle for adjustable positions.

Travel: -70 ° to 90 ° in elevation, 360 ° in horizontal.

Blocking in elevation and horizontal movement with the handle.

Female outlet thread G 1/2 H 2 (BSP).

Made of primary aluminium alloy A-06 S7G Y33, thermic treatment, high strength, protected against corrosion and anodized to resist to chemical attack of foam concentrates.



DN 65 Motorised Monitors 2.5"

Flow rate : 2400 l/min

Horizontal range : 340°

Elevation range : +32° to +90° (Horizontal and elevation ranges are adjustable with 22.5° increments) Construction PN 16

Sweeping speed : 22°/s

HDL 250 HIGH PRESSURE FIRE-EXTINGUISHING DEVICE

High pressure fire-extinguishing device HDL 250, instantaneous fire-fighting without set-up times, built-in unit without water tank (withdrawal of water required from tank of vehicle), fire-fighting pressure 250 bar, capacity of high pressure pump 23 l/min, thermostatic valve, driven by petrol engine 13.2 kW, fire-extinguishing hose 60 m, DUPLEX fire-extinguishing attachment for spray stream and low expansion foam



TECHNICAL CHARACTERISTICS

Dimensions	980 x 560 x 560 mm
Weight	138 kg (without tank)
Type of power engine	4-stroke petrol engine, 2 cyl. 13.2 kW
Type of starting	electric / recoil rope starter
High pressure plunger pump	3 cyl. 23 l/min
Maximum fire-fighting pressure	250 bar
High pressure fire-extinguishing hose	60 m (500 bar)
Water tank	-
Suction of foam agent	serially
Spray pistol	DUPLEX fire-extinguishing attachment

ADVANTAGES IN AN OVERVIEW

- Short time of setting-up in case of fire
- Optimum use of the cooling effect of water
- Quench effect by vaporization of water
- Extremely short time of fire-extinguishing
- Little recoil
- Minimum water consumption of maximum 23 l/min
- Avoiding of damage caused by fire-extinguishing water and prolongation
- Addition of foam agents only when needed
- Small built-in measurements in vehicle

®



HELMET FOR FIRE-FIGHTER



Characteristic features:

- maximum protection of the user's head
- the helmet shell is made of Polyamide PA 6.6 reinforced with glass fibre
- high comfort of wearing and using
- stable seating of the helmet on the head thanks to new solutions in the regulation system
- the possibility of replacing face protectors on your own, without disassembling the helmet
- high durability and resistance of the shell against impact and pressure on both sides
- high protective qualities in terms of shock-absorption
- full protection in high and low temperatures
- helmet weight without neck protector - 1570 grams
- available in various colours

Standard equipment:

- face protector – metalized visor which can be hidden inside
- short face protector – goggles
- interior made of natural leather
- interior “comfort +” – set of cushions and Nomex padding
- head circumference regulation system –with options 54-62 cm or 51-65 cm
- regulation system of the height of wearing
- neck protector- short made of flame resistant material type OS-1
- communication system holder
- multifunctional holder for fixing the helmet breathing mask and the torch

Certification:

- Evaluation Certificate EC type no. EC/S/2027/2013

HYDR'AM[®]

HYDRAULIC TOOLS
NUCLEAR DISMANTLING

HYDR'AM: FIRST EUROPEAN MANUFACTURER OF RESCUE TOOLS

- > RESCUE TOOLS
- > PIPE PLUGS
- > ACCESSORIES
- > CRIMPING EQUIPMENT
- > DISMANTLING AND INDUSTRIES
- > NUCLEAR DISMANTLING
- > DESTRUCTIVE TESTING OF WELDS
- > RECUE TRAILERS
- > FIRE FIGHTING VEHICLE
- > RESCUE VEHICLES
- > TOOLS FOR INTERVENTION UNITS



HYDR'AM[®]
RESCUE EQUIPMENTS

*Enable a faster extrication
Because life is sometimes A matter of seconds*



MG

**PETROL OR DIESEL ENGINE
DRIVEN POWER UNITS**



ELECTRIC



MCHC 60

**MINI HYDRAULIC
CUTTER-SPREADER**



**AUTONOMOUS MINI CUTTER
WITH BATTERY**



CUTTER



TELESCOPIC RAM



SPREADER



COMBI



PEDAL CUTTER



TITANIUM CRIMPING PRESS



STABILIZING KIT



LIFTING BAG

OUR ASSOCIATIONS

OIL SECTOR

OIL INDIA
Indian Oil Corporation Ltd
Hindustan Petroleum Corporation Limited
HPCL-Mittal Energy Limited
IOT Infrastructure & Energy Services Ltd

PETRO- CHEMICAL, CROSS COUNTRY PIPE LINE & FERTILIZER

GAIL INDIA
OKBPL
PETRONET LNG
Indian Oil Corporation Ltd
TATA CHEMICAL
OSWAL CHEMICALS & FERTILIZERS LTD

RAILWAY

INDIAN RAILWAY

POWER SECTOR

National Thermal Power Corporation
National Electric Power Company
W.B POWER DEVELOPMENT CORPORATION
BHUSHAN POWER & STEEL LTD
SKSISPAT &POWERLTD
Jindal Steel and Power Limited
JINDAL INDIA
HINDUSTAN PAPER MILL
BAJRANG POWER
DHARIWAL POWER
VEDANTA
ESSAR POWER
RELIANCE POWER
TATA POWER
Damodar Valley Corporation
JhajjarPower Plant -CLPIndia Private Limited
Talwandi Sabo Power Limited

ALLUMINIUM & COPPER

Bharat Aluminium Company Ltd
VEDANTA
ADITYA BIRLA SAMBALPUR
UTKAL ALUMINA
HINDUSTAN COPPER LIMITED

STEEL

BOKARO STEEL PLANT
VIZAG STEEL
BHUSHAN STEEL

AUTOMOBILE SECTOR

YAMAHA
MARUTI
SUZUKI
HONDA MOTOR
suzuki motorcycles

CEMENT

ADITYA BIRLA
LAFARGE

PHARMACEUTICAL

DISHMAN PHARMA
LAURUS LABS
STERLING AUXILIARIES PVT LTD
HETERO DRUGS

STILL MORE TO COME IN



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