

ASSET PROTECTION and RISK MANAGEMENT



CAN YOU AFFORD FOR THIS TO HAPPEN TO YOU?



DMB | FIRE TECH



DMB FIRE TECH IS A REGISTERED BUSINESS NAME OF DMB FLUID TECHNOLOGIES PTY LTD

About DMB Fluid Technologies

Our products and services are engineered solutions.

Our focus is to be at the forefront of innovation and industry leadership.

Our goal is to provide flexible, practical and efficient product and service solutions.

Our customers are large and small companies seeking an understanding, co-operative and effective approach to their requirements.

Our values:

- Safety
- Quality
- Environment
- Efficiency
- Integrity
- Respect
- Flexibility
- Delivery

Our Capabilities

We provide services and infrastructure for the delivery of fire suppression, fire extinguishers and fire accessories to a broad range of industries including mobile plant, transport and specialised equipment. Our expertise allows us to optimise, modify and replace existing systems designed and installed by others.

Asset Protection and Risk Management

- Fire Suppression systems analysis, design, installation and service
- Fire Extinguisher sales & service
- Fire Accessories sales



Principles

DMB Fluid Technologies excel by:

- Working with the customer to clearly identify their expected needs, outcomes and objectives.
- Scoping, managing and executing work in a cost and time effective manner whilst providing a practical and quality solution.
- Minimising customer costs by utilising efficient, experienced and dedicated personnel
- Maintaining a flexible, amicable and professional approach with our customers
- Maintain a clear focus, and the requirement for all stakeholders to value sound principles of Quality, Safety and Environment

Commitment to Quality, Safety and the Environment

You should expect that an expert Asset Protection and Risk Management company would be concerned with quality, safety and the environment given the inherent risks associated within our industry, high operational performance criteria and potential risk to human life and physical equipment.

The administrative systems of DMB Fluid Technologies have been assessed and approved by QAS International to the below management systems, standards and guidelines.



DMB Fire Tech

DMB Fluid Technologies have a long standing presence in the fire protection industry, having provided traditional fire risk management solutions and services to our large customer base.

Recently we established the business name DMB Fire Tech to clearly distinguish our commitment to this industry.

Conscious of the ever changing requirements of various industry groups that we service, we continuously invest time and financial resources to partner with the developers of innovative and transformational fire fighting products and systems.

Today, DMB Fire Tech are able to provide you with:

- Patented protectfire detexline fire suppression systems
- DMB Fire Tech comprehensive range of fire extinguishers
- Traditional AFFF fire suppression systems
- Fire accessories sales
- Fully mobile and qualified after sales service and installation technicians





protecfire®
Made in Germany

The thermo-pneumatic fire
detection from **protecfire**

Faster than any fire brigade



Fire Suppression

DMB Fluid Technologies are proud to have been selected by Protecfire GMBH of Germany as their Australian distributor for the revolutionary detexline fire suppression system.

With this patented system, the extinguishing and pilot functions are detected over the one line, saving material, installation costs and requiring a smaller footprint within the protected zone.

When activated, this system will extinguish the fire by expelling the mousseal AFFF across the surface whilst impregnating and moisturising the solid fire and heat source. This process effectively seals the area, blocking thermal source and preventing the possibility of re-ignition.

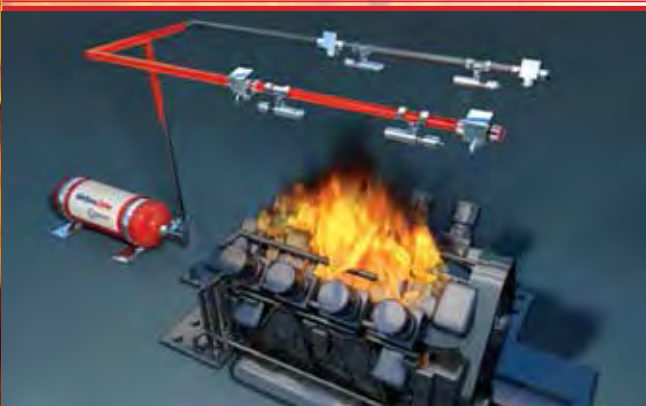
DMB Fire Tech also offer traditional AFFF Fire Suppression systems and service.

Additional application areas for the patented protecfire extinguishing system include:

- Machine tools
- Mining and tunnel vehicles
- Public transportation
- Waste transportation
- Agriculture and forestry vehicles

Other key features of the system:

- Almost maintenance free with no annual discharge required
- Exact automatic fire detection via patented pneumatic fire detection sensor
- Pressureless while in standby mode
- Long outpouring of the extinguishing agent due to fine spray / droplet form
- Functionality guaranteed to remain unhindered by extreme environmental conditions – approved use within ambient air temperatures between -30°C and +75°C
- All stainless steel piping and stainless steel braided hosing +260°C
- Less components and nozzles than a conventional AFFF system
- Quicker and less costly installation than a conventional system
- Guaranteed no accidental discharge without presence of thermal or operator input
- No external power supply required - Intrinsically safe
- Precision designed, built and tested in Germany
- German mining approval since 2008
- Designed with the guidelines of AS 5062-2009
- Data logging controller available

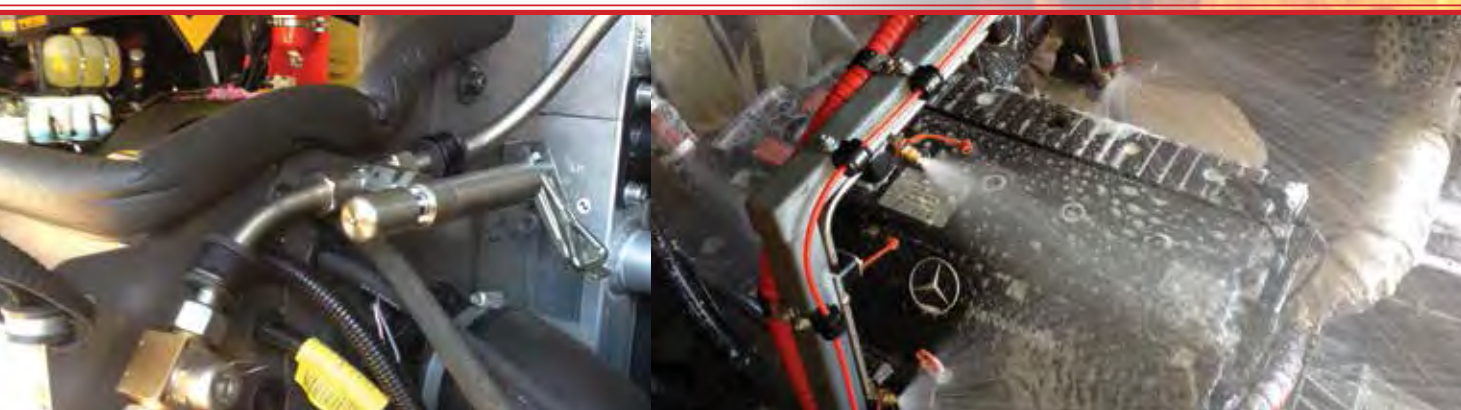


Mining & Civil Engineering Protection



In thermal terms, the engine compartment is not a homogenous zone, with different temperatures present in various areas. It is essential to quickly detect abnormal temperatures and to provide decisive extinguishing action. This is where the detexline system delivers guaranteed performance.

We understand that your fleet works hard in rough and unforgiving conditions. The protecfire extinguishing systems are perfectly adaptable to different types of mobile plant, being compact and robustly engineered against harsh environments. The simple design, low in maintainance, make it the perfect asset protection partner for remote areas.



Buses & Transport Protection

Leading fire protection specialists around Australia are encouraging Bus and Coach Companies to equip their vehicles with the latest fire detection systems to provide passengers with the highest level of protection possible. These suggestions come following a number of recent fires on school buses and public transport vehicles.

This means that bus and coach companies should undertake to install up-to-date fire protection systems, in addition to ensuring proper training for the drivers of these vehicles so that they know how to use the equipment in an emergency.

Although some Australian fire system manufacturers are calling for these systems to conform to AS5062, major bus and coach manufacturers in Europe are leading this new technology by recognising the Swedish accreditation body SWEDAC, as having the most stringent and formal testing of performance under the SP Method 4912.



Protecfire's detexline bus system has now achieved such recognition, and together with DMB Fire Tech, we are now able to offer benchmark internationally recognised standards.

The detexline offers low maintenance and positive extinguishing of both direct and indirect engine compartment fires.



Kitchen Protection

When preparing meals in large kitchens and catering establishments, large quantities of hot fat and oil are often in use. Even when handled with the utmost care, they pose a considerable fire risk. An unnoticed failure in the overheating protection systems, such as thermostats, can easily cause a major fire. This problem has been recognised by leaders in the hospitality industry, and DMB Fire Tech offers a competitively priced and effective solution for this.

In the case of fire, the pneumatic trigger elements are automatically activated by the increasing temperature. The trigger temperature is set at 30°C above the maximum expected operating temperature. The triggering of the system causes a rise in pressure in the pilotline, which serves as a signal for the extinguishing process. Our fire-fighting system is based on the principle of a fine-spray technology, which atomises the extinguishing agent as a fine mist with the aid of our own specially developed nozzles. In the extinguishing process, the surface is thoroughly sealed with a protective film which forms a sustainable layer proven to restrict re-ignition.



Fire Extinguishers

DMB Fire Tech is the registered business name and brand name of our extensive size and purpose range of fire extinguishers, approved to AS/NZS 1841.5

DMB Fire Tech's extensive range of extinguisher includes:

Dry Chemical Powder Fire Extinguishers

Product Code:	31-E-ABE**
Fire Class:	A,B,C,E
Sizes Available:	1kg, 1.5kg, 2 kg, 2.5kg, 4.5 kg, 9 kg

**** - 1.0, 1.5, 2.0, 2.5, 4.5, 9.0**



Identified by a white coloured band around the top of the cylinder, the ABE Powder type is suitable for all paper, textiles, wood, plastics, rubber, petrol, oil, paints, LPG, CNG, acetylene and electrically charged equipment. It is also important to remember when using this Dry Chemical Powder (DCP) extinguisher, that consideration must be made in relation to the location and application of this product, as a fine powder is discharged that may cause specific concerns or damage.

Features include stainless steel handles, steel cylinder, brass valve and powder coated red finish. These extinguishers are available in a range of sizes, from a 1kg model to a 9.0kg model suitable for industrial applications.

Carbon Dioxide Fire Extinguishers

Product Code:	31-E-COT**
Fire Class:	B & E
Sizes Available:	2kg, 3.5kg, 5 kg,

**** - 2.0, 3.5, 5.0**



The Carbon Dioxide (CO2) type fire extinguisher is identified by a black coloured band around the top of the cylinder. The CO2 models use a non-conductive and non-corrosive CO2 gas to reduce the amount of oxygen available to the fire, effectively smothering the fire. Our CO2 fire extinguishers are suitable for use in electronic environments and do not leave behind a residue.

Wet Chemical Fire Extinguishers

Product Code:	31-E-WCF**
Fire Class:	A & F
Sizes Available:	2 litre & 7 litre

**** - 2.0, 7.0**



The Wet Chemical type fire extinguisher is identified by an oatmeal coloured band around the top of the cylinder. This type of fire extinguisher is especially designed for fat and oil fires (Class F). The Wet Chemical extinguisher uses saponification agents to quickly suppress the fire and stop re-ignition. It is able to do this by forming a thick layer on the fat or oil, turning it into a soap like substance.

This extinguisher is also suitable for Class A fires (wood and paper). Features include stainless steel handles, stainless steel cylinder, brass valve and a powder coated red finish.

CLASSES OF FIRE

A	Common solid materials such as wood, paper, textiles, plastic and rubber
B	Involving flammable and combustible liquids such as petrol, alcohol, kerosene and petroleum based oil products
C	Flammable gasses
E	Fires involving electricity
F	Fires fuelled by hot fat and cooking oils



Foam Fire Extinguishers

Product Code:	31-E-AFFF9.0
Fire Class:	A, B
Sizes Available:	9 litre



The AFFF Foam type fire extinguisher is identified by a blue coloured band around the top of the cylinder. This extinguisher contains a concentrate mixed with water and is best suited for the fires that involve flammable materials and combustible liquids such as paper, textiles, wood, petrol, oil, paints, plastics and rubber.

Features include stainless steel cylinder, stainless steel handles, brass valve and a powder coated red finish.

Water Fire Extinguishers

Product Code:	31-E-AWA9.0
Fire Class:	A
Sizes Available:	9 litre



The Air/Water type fire extinguisher does not have a coloured band around the top of the cylinder. This type of fire extinguisher is recommended for Class A fires (wood, paper, plastics, textiles, rubber and rubbish). The 9.0 Litre Air/Water extinguisher acts to reduce the burning temperature so that the fire can be brought under control. It is important to remember that this type of extinguisher is not to be used on flammable and combustible liquids, electrically energised equipment or cooking oils and fats, as this may enhance the fire.

Features include stainless steel handles and cylinder, brass valve and powder coated red finish.

Mobile Foam Fire Extinguishers

Product Code:	31-E-M-AFFF**
Fire Class:	A, B
Sizes Available:	30lt, 50lt, 70lt, 90lt

**** - 30, 50, 70, 90**



The Mobile AFFF Foam Fire Extinguisher provides a large volume of extinguishing agent best suited to Class A and B fires. These fires include ordinary combustibles such as wood, paper, plastics, rubber and rubbish as well as flammable and combustible liquids such as petrol.

They have a stainless steel cylinder, ultra-high UV powder coated red finish and a galvanised powder coated trolley.

Mobile ABE Fire Extinguishers

Product Code:	31-E-M-ABE**
Fire Class:	A, B, C & E
Sizes Available:	30, 50, 70 & 90kg



The mobile ABE fire extinguisher is best used where a large amount of fire extinguishing agent is required. The ABE mobile extinguisher can be used on Class A, B, C and E fires, as indicated by the white band.

Features include stainless steel cylinder, ultra-high UV powder coated red finish and a galvanised powder coated red trolley.

Mobile BEF Fire Extinguishers

Product Code:	31-E-M-BEF50
Fire Class:	B, C, E & F
Sizes Available:	50kg



The 50kg BEF Mobile extinguisher is a high volume solution for Class B, C, E and F fires. It is useful on flammable liquid fires, particularly diesel, cooking oils and fats. Commonly found in commercial kitchens

Features include a stainless steel cylinder, ultra-high UV powder coated finish and a galvanised red powder coated trolley.

Mobile Carbon Dioxide Fire Extinguishers

Product Code:	31-E-M-COT45
Fire Class:	B & E
Sizes Available:	45kg



The Mobile CO2 extinguisher is a compact, high volume unit best suited for large marine vessels, sub-stations and large electronic network infrastructure.

Features include a light steel cylinder, trolley, 1" NGT threaded outlet and an ultra-high UV finish.

Fire Extinguisher Accessories

Complete range of accessories available:

Vehicle Brackets

Heavy duty, black powder-coated, secure, quick-release, fire extinguisher vehicle brackets.

Suitable for mounting on car, truck, caravan, boat, earthmoving equipment, tractor or any situation where the extinguisher could be damaged by vibration.



Aluminium Brackets

The aluminium bracket has a secure, quick release and is the ideal bracket for marine applications.

The bracket will fit 4.5kg extinguishers.



Heavy Duty Over Centre Vehicle Brackets

Heavy Duty Vehicle Brackets, with over centre style release to fit 4.5kg or 9.0kg Fire Extinguishers.

The main feature of these brackets is the quick release handle which allows instant access to the extinguisher.



HD Adjustable Strap & Buckle Brackets

The strap and buckle bracket is fully adjustable to suit 2.5kg to 9.0kg Extinguishers.



Fire Blankets

The DMB Fire Tech range of quality fire blankets are durable, easy to use and certified to Australian Standards AS/NZS 3504. The DMB Fire Tech fire blankets consist of a woven fibre glass fire resistant fabric.

These are an ideal method for combating contained fires such as cooking oils and clothing fires. Suitable for use in a kitchen, caravan and boat. The blanket will cut off the oxygen supply to the fire, extinguishing it in moments.

- Comes in storage pouch
- Easily mounted – suitable for hanging inside of cupboard door
- Quick release tabs
- Easy and fast installation
- Certified to Australian Standards AS/NZS 3504
- 1 year warranty



CLASSES OF FIRE

A	Common solid materials such as wood, paper, textiles, plastic and rubber
B	Involving flammable and combustible liquids such as petrol, alcohol, kerosene and petroleum based oil products
C	Flammable gasses
E	Fires involving electricity
F	Fires fuelled by hot fat and cooking oils



Fire Hose Reel

This reel contains 36m x 19mm fire hose and is easy to operate. It is constructed with heavy duty parts making this lightweight fire hose reel suited to almost any application.

The hose reel is fitted with a valve type nozzle allowing adjustment of a continuous stream. Our fixed fire hose reel comes with all parts required, including 25mm ball valve (with nozzle locking device), hose guide and wall bracket



Stainless Steel Fire Hose Reel

With an average weight of only 22kg, the stainless steel fire hose reel is easy to operate and is the ideal for maritime and commercial kitchens. It meets or exceeds requirements of Australian Standards AS1221.

The hose reel is fitted with 36m x 19mm fire hose, and a valve type nozzle allowing adjustment of a continuous stream. Our fixed fire hose reel comes with all parts required, including 25mm ball valve (with nozzle locking device), hose guide and wall bracket



Fire Hose Reel Covers

A range of hose reel covers designed to assist in protecting fire hose reels from environmental damage.

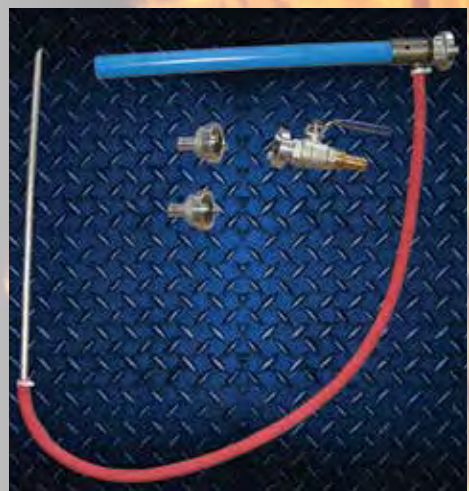
Custom enclosures in an array of materials are also available.



Fire Hose Reel Foam Branch Kit

This kit is a simple branch pipe with a foam pickup capability for use with low expansion AFFF type fire fighting foams.

DMB Fire Tech have a range of foam types and concentrations.



Portable Fire Equipment Accessories

DMB Fire Tech stock an extensive list of fire accessories including but not limited to:

Fire Reel Hose Nozzles

DMB Fire Tech have a wide selection of hose reel nozzles and attachments available.



Service Accessories

DMB Fire Tech's plastic extinguisher cover bags are thick large bags that suit 4.5kg, 6kg or 9kg extinguishers and are UV treated. Clear with the words "fire extinguisher" on them.

Other available accessories are:

- 9 inch security ties
- Service punch
- Date tags and securing rings



Location Signs

These signs are placed above extinguishers when installed in and around buildings. The sign identifies the extinguisher type. Two types are available, flat mount and 90 degree.



Service, Installation and Maintenance

Our experienced and qualified service technicians are able to visit your worksite in our fully equipped and purpose designed mobile workshop to conduct:

- Assessment of your requirements and presentation of detailed recommendations
- Service your existing fire suppression and fire extinguisher equipment
- Install new protectfire extinguishing systems to your asset
- Install new DMB Fire Tech fire extinguishers at your premises and to mobile plant
- Maintain and enhance your asset protection capability by introducing additional accessories.
- Our service technicians are experienced on a range of systems including Muster AFFF for which we maintain an extensive list of spare parts.
























































Further Information

This Asset Protection & Risk Management brochure provides an overview of our products, services and experience.

Please contact us to discuss your particular requirements and situation to enable our team to determine how we can assist you.

DMB Fire Tech with the support of DMB Fluid Technologies look forward to partnering with you and contributing to the success of your business.

	A Wood, Paper & Plastic 	B Flammable & Combustible Liquids 	C Flammable Gases 	E Energised Electrical Equipment 	F Cooking Oils & Fats 	Notes: * Limited indicates that the extinguishant is not the agent of choice for the class of fire, but that it will have limited extinguishing capability. Class D fires involving combustible metal(s) use only special purpose extinguishers - please seek expert advice. Comments: (Refer Appendix A of AS 2444)
 Powder ABE						Special Powders are available specifically for various types of metal fires. Seek expert advice.
 Powder BE						Special Powders are available specifically for various types of metal fires. Seek expert advice.
 Carbon Dioxide (CO₂)						Generally not suitable for outdoor fires. Suitable only for small fires.
 Water						Dangerous if used on flammable liquid, energised electrical equipment and cooking oil/fat fires.
 Foam						Dangerous if used on energised electrical equipment.
 Wet Chemical						Dangerous if used on energised electrical equipment.
 Fire Blanket						Use blanket to wrap around a human torch. Ensure you replace the blanket with a new one after use.
 Fire Hose Reel						Ensure you maintain a path of egress between you and the nearest exit.

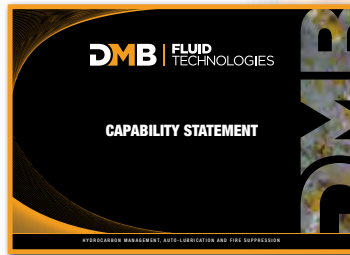
HOW TO USE A FIRE EXTINGUISHER

Extinguishers come in a number of shapes and sizes. They all operate in a similar manner. Here's an easy acronym for fire extinguisher use:

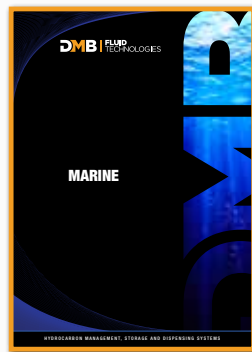
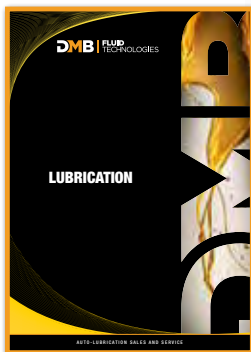
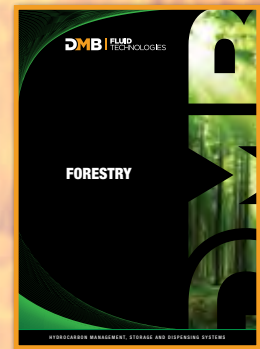
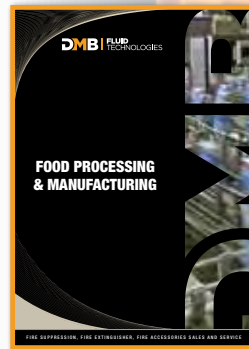
P	PULL THE PIN – Break seal and test extinguisher.
A	AIM AT BASE OF FIRE – Ensure you have a means of escape.
S	SQUEEZE THE OPERATING HANDLE – To operate extinguisher and discharge the agent.
S	SWEEP FROM SIDE TO SIDE – Completely extinguish the fire.



Corporate Sector Brochures



Industry Brochures



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