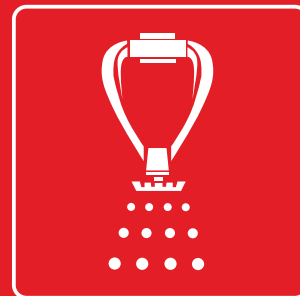
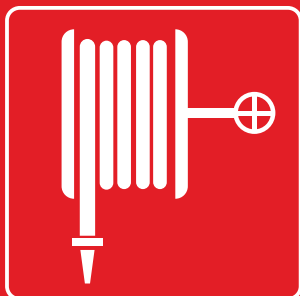
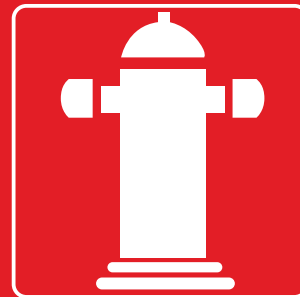
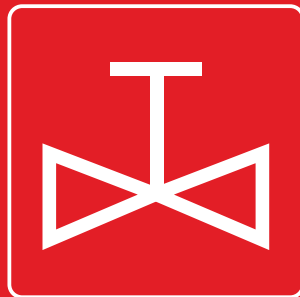
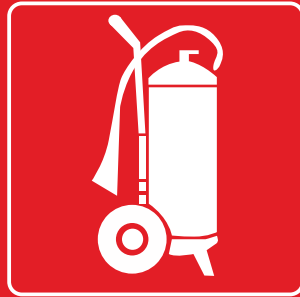




## FIREFIGHTING & SAFETY CATALOG



## ALL YOUR FIRE AND SAFETY NEEDS



## OUR CLIENTS

Family Land  
Befrin City  
MRF 4 Towers  
Weeding Motel  
Zeus restaurant  
Dahat Petrol Station  
Kovan Petrol Station  
FNC Company  
Hotel Capital  
Sofy Mall  
Galleria Mall  
Harsham City  
Paky Hospital  
Setaqan Resturant  
Choueifat International school  
Kurdistan Oil

Nobel Hotel  
Gulan Tower  
Petrol Station  
UB Holding  
Barza Petrol Station  
Home Istanbul

# OUR SERVICES

Our company firstly aims at preclusion of fires by dint of fire extinguishing systems provided by our company. Then, it prevents the expansion and spread of fires over the surrounding area. Barza Fire System, which has the intention of protecting life and property safety of the people as a mission and vision. Barza Fire System offers fog extinguishing systems, water extinguishing systems, carbon dioxide extinguishing systems, foam and powder containing chemical content to their customers.

## **Consultancy**

We provide consultancy services for our customers about drawing up fire scenarios, selection of appropriate systems against possible fires and the precautions required to be taken against fire. Our service is based on international standards and we provide consultancy service in this way.

## **Project Planning**

We design fire protection systems by utilizing current account and software support by virtue of our professional and expert engineers. We continue our project planning studies in accordance with international fire standards.

## **Material Supply**

All equipments required for fire protection systems are supplied from leading companies in our country and from international companies with high-level technology. In this way, no troubles and equipment problems are experienced in any of our systems. You can prefer our fire extinguishing systems available within our firm with quality and reliability.

## **Application & Assembly**

primarily, the installation of fire extinguishing systems is performed by our expert staff. Later, our engineers control the usability of the system by conducting various tests. Test procedures are implemented by our engineers and function tests are carried out. After these tests, the related system is delivered to the user in good working order.

## **Commissioning**

We procure original high-quality materials and perform turnkey assembly for fire detection and extinguishing systems necessitating expertise. So, you don't need to meddle in any work and we will design the system from start to finish, and make the turnkey delivery to you.

## **Outraced Maintenance**

We also carry out contracted periodical maintenance service together with the fire extinguishing system that you have purchased. We also offer contracted periodical maintenance service for long-serving same smooth and efficient operation of fire extinguishing and detection systems installed in buildings.

## DRY POWDER FIRE EXTINGUISHER

STORED PRESSURE OPERATED: 1KG, 2KG, 4KG, 6KG, 9KG, 12KG

ABC Dry Powder fire extinguishers are a highly versatile way to tackle most types of fires. They are ideal for general offices, homes, vehicles, caravans, boats and electrical plants. Extremely effective on electrical hazards, flammable liquids and gases.

- > fighting Class A, B, C and E fires
- > High quality polyester paint.
- > CE Marked
- > Controlled discharge.
- > Brass nickel plated head valve with simple squeeze operation.
- > Unique gauge testing system.
- > Unique colour coded handle and base (optional).
- > Rechargeable and easy to service.
- > full range of spare parts are available
- ★ Note: Not recommended for use on expensive and delicate equipment like computers, etc..



## WATER FIRE EXTINGUISHERS water 6 - 12 liter

Water is one of the most common types of extinguisher, and it's clear why – there's no Health and Safety hazards to worry about, they are inexpensive to buy and almost free to refill, and it's an effective and safe extinguishing medium. Our 3ltr Water has an additive to further enhance performance, acting as a 'wetting agent'.

- > Water, a liquid agent only recommended for fighting Class A Fire.
- > High quality external polyester paint.
- > Thermoplastic internal coating to prevent corrosion
- > Spray nozzle to provide high fire rating.
- > Controlled discharge.
- > Brass nickel chrome plated head valve with simple squeeze operation
- > Unique gauge testing system.
- > Unique colour code handle and base (Optional).
- > Rechargeable and easy to service.
- > CE Marked
- ★ Ideal Use: Schools, Theaters, Apartments, Offices and Dry Goods Store.



# CO2 TYPE FIRE EXTINGUISHERS

MOBILE, TYPE

## MOBILE FOAM FIRE trolley

- > Internally coated by electrostatic block powder using resin for corrosion resistance.
- > Large Brass, nickel chrome plated cap for ease during refilling the agent.
- > Cylinder assemblies are designed for easy maintenance by mounting it separately on steel frame and thus can be separated by just removing the steel clamps.
- > Incorporated with high pressure CE approved CO2 cylinder as propelling agent.
- > Ready for instant use and simple to operate.
- > made of rugged steel and welded to meet extreme use conditions.
- > Highly visible pressure – indicating gauge.
- > Easily transportable.
- > CE Marked.

### Foam:

Description
9ltr Foam mobile trolley unit
25ltr Foam mobile trolley unit

### Powder:

Description
25kg Powder mobile trolley unit
50kg Powder mobile trolley unit



fire fighting equipment

## MOBILE DRY POWDER trolley

Mobile stored pressure ABC Dry powder extinguishers are characterized by their high performance and simple method operation. The ABC Dry powder Mobile type extinguisher contains high performance powder and thus has achieved highest fire rating. They are suitable for multipurpose application of fires involving free burning materials, flammable liquids, flammable gases and electrical equipment.



- > Ce Marked
- > Highest fire rating due to high performance ABC powder.
- > Ready for instant use and simple to operate.
- > easy operation by rust free brass valve.
- > made of rugged steel and welded to meet extreme use conditions.
- > Easily transportable & Field rechargeable.
- > Highly visible pressure-indicating gauge.
- > Externally coated by Electrostatic powder painting after shot blasting ensures maximum corrosion resistance.
- > Brass nickel plated head valve with simple lever operation.

## MOBILE CO2 FIRE EXTINGUISHERS

A CO2 fire extinguisher contains pure carbon dioxide. It works to suffocate the fire by transferring the oxygen it needs to burn. This type of extinguisher is suitable for Class B fires (flammable liquids like petrol or oil) but it's also recommended for electrical fires thanks to the fact it's non-damaging to electrical equipment and machinery. Premises that would benefit from incorporating a CO2 fire extinguisher include modern offices, kitchens and server rooms.

fire fighting equipment



Large powerful extinguishers mounted on wheels for quick movement to emergency site

### Description

10kg Co2 mobile trolley unit

20kg Co2 mobile trolley unit

30kg Co2 mobile trolley unit

# CO2 TYPE FIRE EXTINGUISHERS

MOBILE, TYPE

## Co2 TYPE FIRE EXTINGUISHERS

- > Available in 2kg or 5kg aluminum cylinders
- > High quality epoxy paint powder coating
- > New CE marked brass body valve
- > New plastic discharge tube
- > Full hydraulic test with data stamp
- > Supplied without horns or brackets



### Product description

2kg Carbon Dioxide Refurbished Fire extinguisher

5kg Carbon Dioxide Refurbished Fire extinguisher

fire fighting equipment

## AUTOMATIC ROOF UNIT FIRE EXTINGUISHERS



Automatic fire extinguisher are ideal for us in unoccupied rooms or areas and can be used to provide fire safety protection in an enclosed space

- > Available with ABC Powder, Seal fire Foam and HFC227 gas extinguishants
- > supplied complete with temperature activation bulb (68°C) which activates the fire extinguisher when the temperature is reached
- > wide range of uses including unattended areas, storage rooms, server rooms, engine compartments etc.

### ABC Powder:

For protection against Class A, B and C Fires

Code	Description	Diameter			
	6kg Powder Roof	245mm	345mm	6m2	12m3
	12kg Powder Roof	245mm	435mm	12m2	24m3

## OUTDOOR FIRE CABINET

MG 02 & MG04 Series

Outdoor Fire cabinets, fire cabinets are helping people in their initial location. In this closet that many equipment and tools are available, which can be noticed in the building during a fire and should be in place within easy reach.

fire fighting equipment



## FOAM FIRE CABINET



- > 30 or 50 l foam tank option
  - > 100 l/min foam melanger
  - > 1" foam lance
  - > Manufactured by 1,5 mm DP sheet metal
  - > 0,70 Micron electrostatic powder coated
  - > Alternative RAL Code
- Water connection points, optionally right and left upper-side and rear inlets
- Stainless chrome hinges and chrome locks
- Cabinet door options
- 1 "EN 694 semi-rigid cloth-reinforced rubber fire hose
  - 1 " Jet Spray on-off fire lance
  - 2 " TSE 12259 brass fire valve
  - 2 " x1" TSE 12258 fire pipe union
- Intra-cabinet silk-screened print operating instructions
- Tested with TSE standards before packaging



# FIRE EXTINGUISHER CABINETS

INDOOR, OUTDOOR, FOAM

## INDOOR FIRE CABINET

MG 02 & MG04 Series

- > Alternative RAL Code
- > 0,70 Micron electrostatic powder coated
- > Manufactured by 1,5 mm DP sheet metal
- > Water connection point, optionally right and left upper-side and rear inlets
- > Stainless chrome hinges and chrome locks
- > Cabinet door options
- > 1 "EN 694 semi-rigid cloth-reinforced rubber fire hose
- > 1 " Jet Spray on-off fire lance
- > 2 " TSE 12259 brass fire valve
- > 2 " x1" TSE 12258 fire pipe union
- > Intra-cabinet silk-screened print operating instructions
- > Tested with TSE standards before packaging
- > 6 KG KKT ABC YSC



IN THE SIZES OF 95CM X 70CM X 24CM



65CM X 77CM + 63 CM X 22CM

## EN671 APPROVED

FIRE HOSE REELS & FIRE CABINET SERIES

En671 model is also available for special order.



## SensoMAG F10

- > Fixed heat Detector
- > Detects temperatures over 60 C, class A2/S (SensoMAG F10A)
- > Detects temperatures over 75 C, class B/S (SensoMAG F10B)
- > Digital processing algorithm
- > Low profile design
- > LED indication with 360 visibility



## SensoMAG S30

- > Optical-smoke detector
- > Auto compensation
- > Digital processing algorithm
- > Low profile design
- > LED indication with 360 visibility
- > Sensor status indication on every 8 seconds
- Rubber gasket ring for increased protection of the smoke chamber



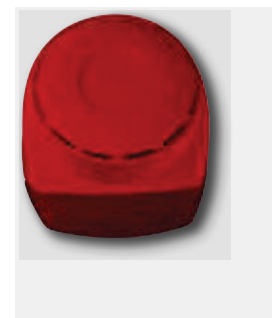
## SensoMAG MCP50

- > Manual call point
- > Surface mounting
- > Resettable fixable element
- > LED indication
- > Special test tool for resetting after alarm event
- > Optional protective plastic cover
- Ip40



## SF 105

- > Indoor fire alarm sounder
- > Piezo sounder
- > Sound output – 105dB
- > LED strobe
- > Plastic case
- > Power supply – 24V
- Two-wire connection
- Current – 80mA



# FIRE DETECTION & PROTECTION

Protecting Life & Property



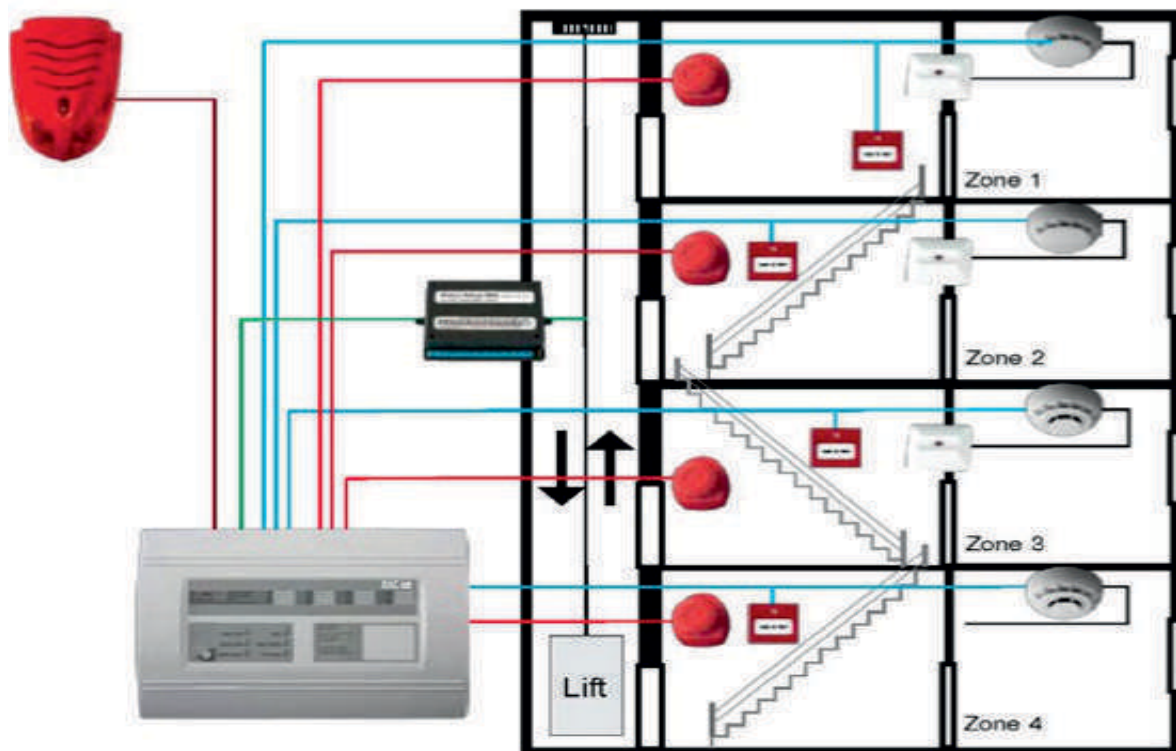
## System Sensor 6500

- > Analogue reflective type Beam smoke detector, detection range
- > From 5 to 70m (100m with optional BEAM-LRK), surface
- > Mounting, one reflector included, IP54, -30° to 55°C, certificate
- > 0832-CPD-0323 ( equivalent of 6500 )

## FIRE DETECTION AND ALARM SYSTEM

Automatic fire detection may be needed for a number of reasons. These can include:

A working fire alarm system is crucial to alerting occupants and evacuating everyone in a timely fashion. Barza Fire Company has high efficiency to deal with fire alarm different systems like conventional, addressable and wireless. Our fire protection experts are capable of designing, installing, and programming a fire alarm system that will alert the occupants in your building of emergency situations, and all CCTV SYSTEM.



## A COMPLETE DETECTION & SUPPRESSION SYSTEM

- ★ Easy / Flexible installation
- ★ Quick & Effective Suppression
- ★ Highly Dependable: no electricity or moving parts

fire fighting equipment



### EVERYTHING YOU NEED TOGETHER IN ONE BOX



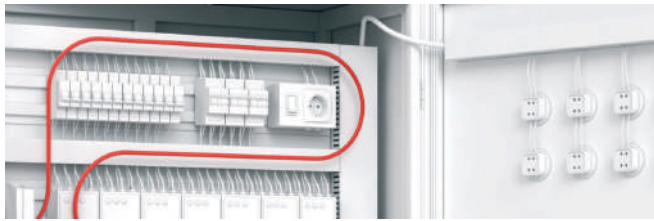
#### REDUCES EVEN THE MOST CRITICAL ELECTRICAL FIRE RISKS:

- > Combustion from short circuits, overloading or overheating
- > Extensive damage to circuitry
- > Work stoppage
- > Extensive cleanup if sprinkler system discharges

# A COMPLETE DETECTION SUPPRESSION SYSTEM

## PRE-ENGINEERED FOR ELECTRICAL CABINETS

Rotarex FireDETEC Systems use a proprietary continuous linear tube that reliably detects and actuates release of the extinguishing agent using pneumatic technology. It is more flexible, space efficient and cost effective versus alternative mechanical or electronic system.



### 1. Quick & Easy installation directly inside electrical cabinets:

The flexible sensor tubing is easily installed inside the electrical cabinet - directly above the wires and circuitry where a fire could start.

When in service, the tubing is pressurized with dry nitrogen to 16 bar. The dynamics of pressurization make the tubing more reactive to heat.

### 2. Early fire detection:

If a flame-up occurs, the heat of the fire causes the pressurized sensor tube to burst at the hottest spot (approx. 110°C)

### 3. Instant suppression:

The sudden tube depressurization actuates the special pressure differential valve and instantly floods the entire cabinet area with CO<sub>2</sub> extinguishing agent. The fire is quickly suppressed just moments after it began... minimizing damage and downtime.

## CHOOSE FROM 3 SUPPRESSION AGENT: A MATTER OF PREFERENCE

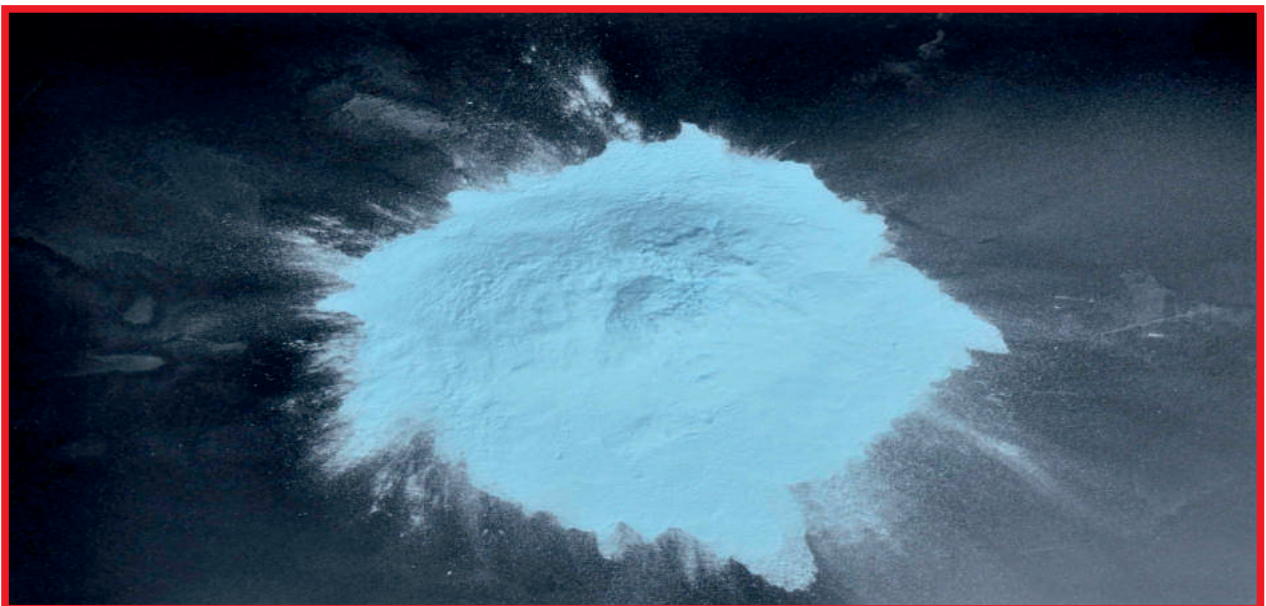


	CO <sub>2</sub>	CHEMOURS FM-200® AGENT	3M™ NOVEC™ 1230 FLUID
<b>Performance</b>	Excellent	Excellent	Excellent
<b>Advantages</b>	No residue Non-reactive Economical All Natural Prevents re-ignition Medium Pressure (60 bar)	No residue - safe for electronics Non-reactive / Non-corrosive Most globally-proven clean agent Good Environmental profile Safe to use in occupied areas Compact Cylinder Low pressure (16 bar)	No residue - safe for electronics Non-reactive / Non-corrosive Increasing popularity Good Environmental profile Safe to use in occupied areas Compact Cylinder Low pressure (16 bar)

# WITH DRY CHEMICAL POWDER ORCHIDEE

R

- > active ingredient: ammonium phosphate
- > ammonium phosphate ratio: %40 to %90
- > Standard color: Blue
- > apparent density: (EN standard) g/100 ml: 8+75
- > grain size fluidity: g/sn : 70 to 90
- > hydrophobic treatment : silico
- > packing : 25 to 50kg 3 layers kraft bag
- > security declaration: no poisonous environment during fire fighting or fire fighting dust
- > warranty: All dusts do not lose their effectiveness for at least 5 years
- > storage: not stored under large weight and in contact with air.



# WITH DRY CHEMICAL POWDER VEREYA


R

- > active ingredient: ammonium phosphate
- > ammonium phosphate ratio: %40 to %90
- > Standard color: pink
- > apparent density: (EN standard) g/100 ml: 8+75
- > grain size fluidity: g/sn : 70 to 90
- > hydrophobic treatment : silico
- > packing : 25 to 50kg 3 layers kraft bag
- > security declaration: no poisonous environment during fire fighting or fire fighting dust
- > warranty: All dusts do not lose their effectiveness for at least 5 years
- > storage: not stored under large weight and in contact with air.



# DOCUMENTS ORCHIDEE

Pôle européen de sécurité CNPP-Vernon  
Laboratoire du Feu et de l'Environnement  
Route de la Chapelle Réanville  
CD 64 - BP 2265  
F 27950 SAINT MARCEL  
Téléphone 33 (0)2 32 53 64 33  
Télécopie 33 (0)2 32 53 64 68



**Expert en prévention et en maîtrise des risques**

**RAPPORT D'ANALYSE N° YN 09 7922-2**

Saint Marcel, le 12 mars 2009

**Demandé par :** ORCHIDEE FRANCE SAS  
72 rue Caroline Follet  
80160 CONTY

**Objet :** Analyses physico-chimiques d'une poudre extinctrice selon la Norme NF EN 615 (Mai 1995) et l'amendement NF EN 615/A1 (août 2001) :

- Composition chimique
- Masse volumique apparente (Annexe A)
- Analyse granulométrique (Annexe B)
- Résistance à l'agglutination et à l'agglomération (Annexe C)
- Hydrophobie (Annexe D)
- Teneur en eau (Annexe E)


**Echantillon :** Référence : ABC 40 / P1124 n° lot: 27854  
Fabricant : ORCHIDEE FRANCE SAS  
Type de poudre : ABC (polyvalente)

**Conclusion :** La poudre ABC 40 / P1124 lot n° 27854 satisfait aux exigences de la Norme NF EN 615 et de l'amendement NF EN 615/A1 en ce qui concerne la composition chimique, la masse volumique apparente, l'analyse granulométrique, la résistance à l'agglutination et à l'agglomération, l'hydrophobie et la teneur en eau.

**Le présent rapport d'essai comporte :** 4 pages

Ce rapport est le résultat d'un essai de qualification, et non d'un agrément, et ne constitue pas une garantie de conformité. Le CNPP ne peut être tenu responsable de la validité des résultats obtenus. Le CNPP ne peut être tenu responsable de la validité des résultats obtenus. Le CNPP ne peut être tenu responsable de la validité des résultats obtenus.

Pôle européen de sécurité CNPP-Vernon  
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F 27950 SAINT MARCEL  
Téléphone 33 (0)2 32 53 64 33  
Télécopie 33 (0)2 32 53 64 68



**Expert en prévention et en maîtrise des risques**

**ATTESTATION D'ESSAI N° YN 09 7922-4**

Saint Marcel, le 23 juillet 2012

**Demandé par :** ORCHIDEE FRANCE SAS  
72 rue Caroline Follet  
80160 CONTY

**Objet :** Conformité de analyses physico-chimiques d'une poudre extinctrice selon la Norme NF EN 615 (Mai 1995) et l'amendement NF EN 615/A1 (Août 2001)

**Poudre testée :** Référence : ABC 90 / P1129  
Fabricant : ORCHIDEE FRANCE SAS  
Type de poudre : ABC (polyvalente)


**Résultats :** Selon Rapport d'essai YN 09 7922-3 du 12 mars 2009

La poudre ABC 90 / P1129 satisfait aux exigences de la Norme NF EN 615 et de l'amendement NF EN 615/A1 en ce qui concerne les analyses physico-chimiques suivantes :

- Composition chimique : CONFORME
- Masse volumique apparente (Annexe A) : CONFORME
- Analyse granulométrique (Annexe B) : CONFORME
- Résistance à l'agglutination et à l'agglomération (Annexe C) : CONFORME
- Hydrophobie (Annexe D) : CONFORME
- Teneur en eau (Annexe E) : CONFORME

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Brandenburgische Technische Universität Cottbus  
Professur für Feuerlöschmittel und Geräte  
DIN EN ISO/IEC 17025:2005, 17025-1:2005  
DIN EN ISO/IEC 17025:2005, 17025-2:2005  
DIN EN ISO/IEC 17025:2005, 17025-3:2005  
ZUS-05-006  
Werkstatt Nr. 0787



MPA Dresden GmbH - Fachlaborweg 67 - D-09090 Freiberg

**ÖZDÜVEN YANGIN SÖNDÜRME VE GÜVENLİK SİSTEMLERİ**  
SAN. VE TİC. LTD. ŞTİ.  
MUSTAFA KEMAL PAŞA  
MAK. ORHANGAZI CAD. NO: 28/1  
PARSELER: AVOLAR / İSTANBUL  
TURKEY

Date: July 18, 2016  
Client: M. Ditzsch  
Phone: +49 (0)3731-2 03 93 159  
Telefax: +49 (0)3731-2 03 93 159  
E-mail: info@mpa-dresden.de  
Project: 20160802  
Reference: 16/091  
(Please state when replying.)

Your order dated on June 23<sup>rd</sup>, 2016  
Fire performance tests in accordance with EN 3-7

Dear Sirs


We herewith confirm the following test results which have been obtained at our test laboratory based on the above mentioned order from your company.

Extinguisher model	Propellant, nozzle	Extinguishing agent	Test date	Fire rating	Extinguishing time	Passed (yes/no)
6 kg ABC powder extinguisher	N <sub>2</sub> - 15 bar at 20 °C, stored pressure extinguisher, inner nozzle diameter 7.5 mm	ABC 40 of Orchidee	July 19, 2016	144 B as per EN 3-7	9 sec	Yes

We will provide the additionally requested chemical analysis of the ABC powder from the fire extinguisher tested as soon as possible.

If you have any further question please don't hesitate to contact us.

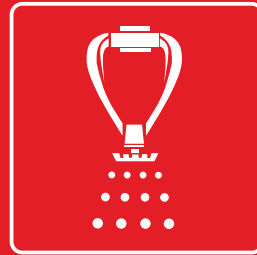
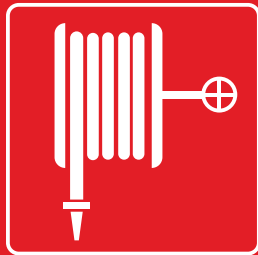
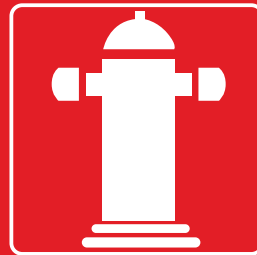
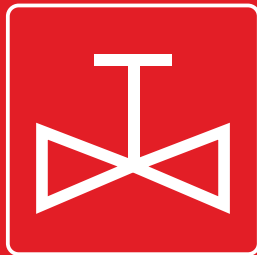
Best regards  
Jürgen Ditzsch  
Laboratory Manager



MPA Dresden GmbH | Geschäftsführer: Thomas Heizer | Amtsgericht Chemnitz HRB 20288 | Sparkasse Mittelsachsen  
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www.mpa-dresden.de | E-Mail: info@mpa-dresden.de | IBAN: DE85 8703000001000447200 | BIC: MIFAS333







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**Web:** [www.BarzaFire.com](http://www.BarzaFire.com)

**Barza Fire System**

Erbil Pirmam Road

Kurdistano Oil Infront Of

Chouefat International School