



# ELIDE FIRE BALLS

The simplest and fastest  
way to extinguishing fire



# “ELIDE FIRE EXTINGUISHING BALL”- THE SIMPLEST AND FASTEST WAY TO EXTINGUISH FIRE

MANUFACTURED BY :  
SIAM SAFETY PREMIER CO LTD, THAILAND

EXCLUSIVE DISTRIBUTOR & DEALER OF INDIA

Distributor: M/S Shree Shyam Bearings Pvt Ltd, Kolkata  
Dealer: M/S Anchal Impex, Delhi

## BRIEF DESCRIPTION OF THE PRODUCT

- ❑ One Ball weighing **1.3 Kg** can take care of **9.12 cubic meter** volume of fire within 1.296 mtr radius. Multiple Balls are used as per volume of Fire
- ❑ Respond Time : **3-10 sec** with a Fire alarm prior to activation. The bursting noise limit is not exceeding **140 db** as per International Standard
- ❑ Life Span: **5 Years** (without any Maintenance) : After 5 years the same can be used as **Secondary Devices**

# INDIAN CERTIFICATIONS

- ❑ It is of Non-Toxic nature and Tested in **National Test House**, under Ministry of Consumer Affairs, Food and Public Distribution Dept of Consumer Affairs, Gol
- ❑ Can be Used in **Liquid** Fire and Fire in **Electrical** System, including **Carbonaceous Solids** like- wood, Cloth, Paper, Rubber, Plastics etc- West Bengal Fire & Emergency Services certified the same for uses in **Class A, B & C type Fires**
- ❑ This has also been approved by **Director General of Mines Safety**, Gol and used in Coal Mines such as Subsidiary of Coal India Ltd's - Northern Coal Fields, South Eastern Coalfields Ltd , Western Coal Fields Ltd etc.

# INTERNATIONAL CERTIFICATIONS



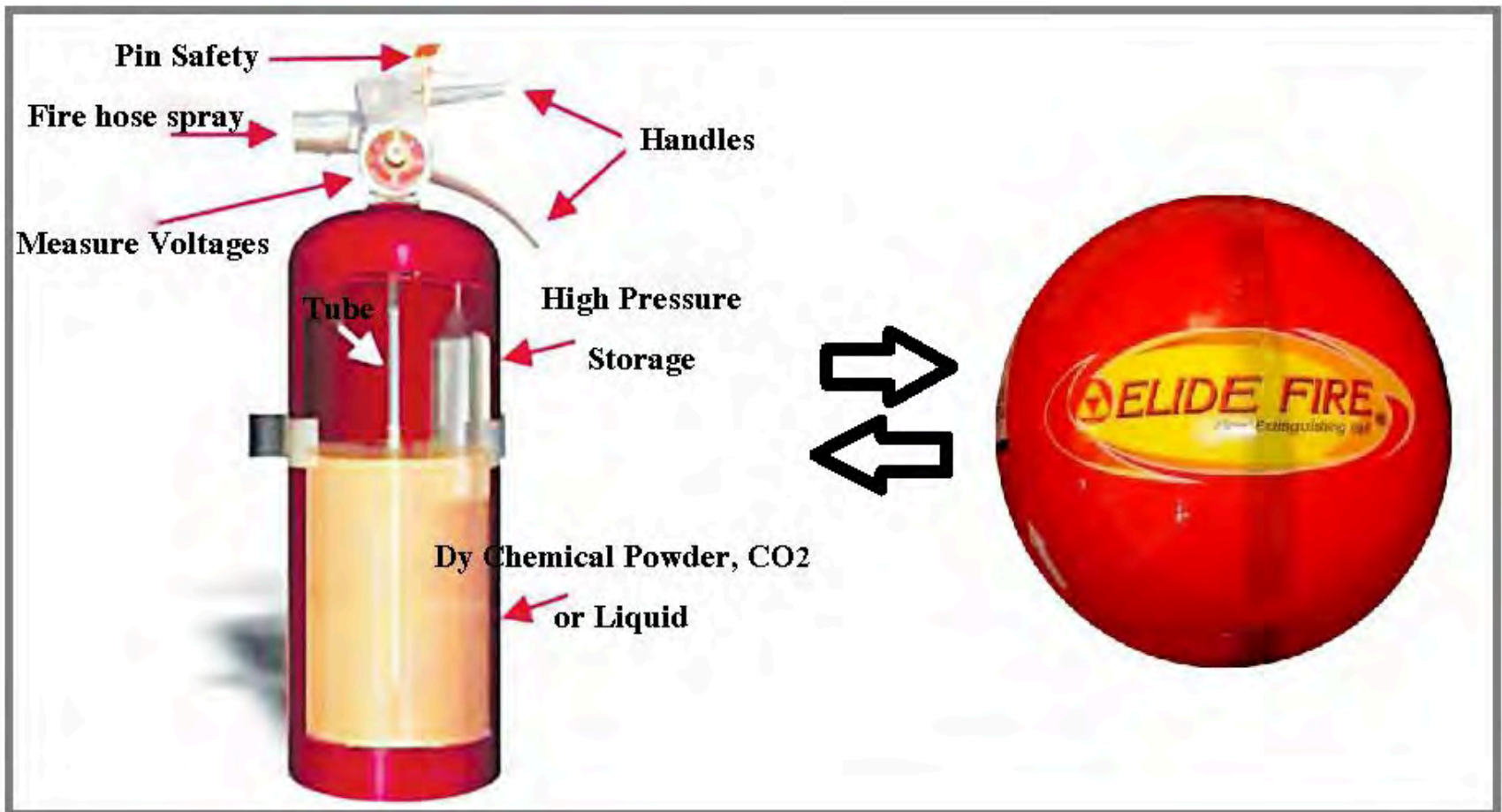
- ❑ Natural Resources, Canada
- ❑ Federal Fire Services of Lagos States, Nigeria
- ❑ Fire Safety Product Certification from PSB
- ❑ Dept of Science & Service Laboratories, Thailand
- ❑ National Police Fire Brigade, Thailand
- ❑ Product Liability Insurance vide MSIG Policy

# USES IN INDIAN INDUSTRIES

## Apart from uses in 115 countries in the World same are Used in Indian Industries as follows:

- ❑ Coal India Ltd's Subsidiary **Coal Mines** such as - Northern Coal Fields, South Eastern Coalfields Ltd , Western Coal Fields Ltd
- ❑ On approval from Railway Board for use in Pantry Car, SLR, VP, AC Coaches etc- Same has been used by various Divisions of **Indian Railways** like Central Railway, South-East Central Railway, Southern Railway and Others Divisions
- ❑ Tenughat Bidyut Nigam Ltd ( A Govt of Jharkhand Undertaking organisation)
- ❑ Indraprastha Power Generation Company Ltd ( A Govt of NCT of Delhi Undertaking Organisation)
- ❑ NTPC Limited, Northern Region HQ, Lucknow etc

# Advantages of ELIDE Fire Ball over Conventional Fire Extinguishers





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ISSUES	CONVENTIONAL FIRE EXTINGUISHERS	ELIDE FIRE EXTINGUISHING BALL
<b>Training &amp; Skill Requirement</b>	<b>Required Trained Manpower</b>	<b>No Requirement of Manpower and Training/Skill for Operating Personnel-</b> As it also Operates in Auto Mode and used just by Tossing the Same towards the place of Fire 
<b>Selection of Extinguisher Category</b>	Extinguishers are selected as per Class of Fire - <b>A or B or C type Fires</b> 	<b>Same Caters all Three Categories</b> of Fires, viz: Class A, B & C 
<b>Weight of Extinguishers</b>	<b>Difficult to Carry- Heavy</b> Domestic one Weighs: (2.0-7.3 Kg) Industrial one Weighs: (5.0-9.0 Kg)	<b>Easy to Carry and Use:</b> As it Weighs 1.3 Kg (+/-) 5% for use in Industry as well as for Domestic purposes
<b>Human Safety</b>	To Operate, <b>one has to go Close to the Fire</b> inviting associated Risks	The Ball can be Rolled/ Tossed <b>from Safe Distance</b> , avoiding Risk
<b>Maintenances</b>	<b>Regular Inspection and Quarterly Maintenance Required</b>	<b>No Inspection/ Maintenance Required</b> for 5 Years Self Life
<b>Refilling</b>	<b>Required Annually</b>	<b>No Refilling Required-</b> Self Life of 5 Years



# Advantages of ELIDE Fire Ball over Conventional Fire Extinguishers



ISSUES	CONVENTIONAL FIRE EXTINGUISHERS	ELIDE FIRE EXTINGUISHING BALL
<b>Cost Analysis</b>	<b>Maint Cost: Rs 4000 per year and Rs 20,000 for 5 Years</b>	Total Cost involved per year per Ball: Rs 1800
	<b>Capital Cost: Rs 19,600 + Tax</b> Class A Extinguisher Costs: Rs 9800+ Tax ( Ex Godown) Another Extinguisher also required in parallel for Class B or C type Fires costing Rs 9800+ Tax ( Ex Godown)	<b>Capital Cost: Rs 9000</b> (including Taxes) for 5 years up to Destination (Cost of Freight Included and only L/R to be provided)
<b>Operation Method and Fire Extinguishing Time</b>	<b>100 % Manual</b>  Till Opening the Nozzle it takes average <b>2-10 min</b> time	<b>Self Activated</b>  When comes in contact of Fire Flame, the Extinguisher Ball automatically activated <b>within 3-10 sec</b>
<b>Discharge Distance</b>	<b>2 mtr Straight</b> A 5 Kg Cylinder gets evacuated within 18-20 sec – Hence no scope of area Coverage	<b>No Distance Restriction-</b> It can be Tossed from Safe Distance with Auto Activated provision A single ball can cover area of <b>9.12 cubic mtr</b>

# Advantages of ELIDE Fire Ball over Conventional Fire Extinguishers

ISSUES	CONVENTIONAL FIRE EXTINGUISHERS	ELIDE FIRE EXTINGUISHING BALL
<b>Failure Chances</b>	If not used for long time likely to get rusted and sometimes Nozzles etc gets Choked and <b>fail to Operate during Emergencies</b>	<b>Failure Chances are NIL –</b>  As it is a Maintenance Free Device
<b>Environmental Concerns</b>	Most are made from CFC & other Materials which are of <b>Toxic Nature</b>	It is free of CFC as made from <b>Mono Ammonium Phosphate Dry Powder</b> - which are <b>Non-toxic and Eco-friendly</b>
<b>Skill Required for the Operators</b>	Un-skilled Men, Women, Children and Elderly Personnel <b>Can't Operate</b>	<b>Any Body can Operate the same</b> – It just need to be Tossed/Rolled
<b>Possibility of Theft</b>	Because of Scrap Value- <b>Possibility of Theft is there</b>	<b>No Question of Theft-</b> As it doesn't have any Scrap Value
<b>Space Required</b>	Min: <b>2 ft x 6 inch</b> area	Only <b>6 inch x 6 inch</b> area
<b>After Affects</b>	<b>Causes Damage to nearby properties</b>	<b>Doesn't Damage nearby properties</b>



# VDO ON ELIDE FIRE BALL



# THANK YOU

- ☐ **We, hereby, request you to introduce this innovative product in your prestigious organization and upgrade the fire fighting arrangement in your esteemed organization.**
- ☐ **Thanking you and assuring you of our best services at all time.**



**Guarantee the quality from  
awards that received,**



Got the legislative protection rights, as follows :

1. Thai Patent No. 18966
2. The United States of America Patent No. US 6,796,382 B2
3. The International Patent No. PCT/US202/025158, World Intellectual Property Organization, the head office in Geneva, Switzerland.
4. Indian Appl. No. 100/MUM/2006

**Achieved reputation both national and international,  
as a good quality product.**



**.... have you installed ELIDE FIRE  
in your institution, organisation, homes  
for protection.... as yet?**



**The simplest and fastest way  
to extinguish fire**



**SIAM SAFETY PREMIER CO., LTD.**

The Manufacture under the exclusive property  
right patent in the world:

Siam Safety Premier Co., Ltd.  
14/8-9 Moo 1 Kaomaikaew, Banglamung,  
Chonburi, Thailand 20150

*Exclusive Distributor for India*



**SHREE SHYAM BEARINGS PVT. LTD.**

#207, 2nd Floor, 138, B.R.B. Basu Road, (Canning Street), Kolkata 700 001  
Phone : 91-33-2210 1932, 2242 6911, 2243 3749 • Fax : 91-33-2242 6708  
E-mail : srishyam@cal.vsnl.net.in • Website : <http://www.shyamjigroup.com>



## Let's get familiar with '*ELIDE FIRE*' - Self-activated Fire Extinguishing Ball



The efficiency of '*ELIDE FIRE*' - self-activated Fire Extinguishing Ball in fire surveillance and extinguisher

*ELIDE FIRE* - self-activated Fire Extinguishing Ball can create wonders to refrain serious damages and losses caused from fire.

The simplest and fastest way to extinguish fire.



"Mr. Woradech Kaimart", the inventor of '*ELIDE FIRE*' - self-activated Fire Extinguishing Ball, makes it a world wide product and recognition, as an efficient product creator having received awards and acceptance from many countries. *ELIDE FIRE* - self-activated Fire Extinguishing Ball is the product used for extinguishing fire effectively and instantly.



*ELIDE FIRE* - self-activated Fire Extinguishing Ball will emit a sound like a fire alarm system instantly when used for extinguishing fire alerting the neighbourhood.



The efficiency of *ELIDE FIRE* – self-activated Fire Extinguishing Ball in fire surveillance and extinguishable.

With its efficiency, *ELIDE FIRE* is able to extinguish the fire successfully when a fire occurs. One piece of *ELIDE FIRE* – self-activated Fire Extinguishing Ball can shield the fire with a radius of 1.296 meter. Multiple balls used as per volume of the fire can cover a larger area with in 3-10 seconds with a sound alarm not exceeding 137 decibels, like a fire alarm.

*ELIDE FIRE* - Fire Extinguishing Ball is not only the success of "Mr. Woradech Kaimart", but the proficient and renowned success of Thailand as world-class Thai people who gain the ability to make fame to Thailand.





*ELIDE FIRE*- Fire Extinguisher are acknowledged by the International Standards Benchmark. Siam Safety Premier Company assures all their customers that the *ELIDE FIRE* fire extinguisher will take the anxiety of fire anyone may have once the *ELIDE FIRE*- Fire Extinguisher is installed.

Our commitment to the quality of this product is absolute, we are convinced that every home, building and office should use the *ELIDE FIRE*- Fire Extinguisher and get to know it as your protective friend in the case of fire.

Our question to you is "Have you installed an *ELIDE FIRE*- Fire Extinguisher to protect you yet?

If not why not do so today ?



SIAM SAFETY PREMIER CO., LTD.

The Manufacturer under the exclusive property right patent in the world: Siam Safety Premier Co., Ltd.

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Phone : 91-33-2210 1932, 2242 6911, 2243 3749 • Fax : 91-33-2242 6708  
E-mail : srishyam@cal.vsnl.net.in • Website : <http://www.shyamgroup.com>



**Characteristics Manual  
and Instructions of  
ELIDE FIRE Extinguishing Ball**



## The origin of *ELIDE FIRE* Fire Extinguishing Ball

Fire occurrence causes the loss of lives and assets. If we can restrain a fire cause before it spreads out in a wide area, it will reduce the losses. An extinguishing device if it is a character of throwing, tossing or pitching will be of convenience. When there is a fire accident, everyone gets frightened and will not dare to carry an extinguisher or bucket of water to douse the fire. Owing to thought of escaping only.

The invention of this fire extinguishing device was originated from the attempt of Mr. Woradech Kaimart which finally came to success.

*ELIDE FIRE*- Fire Extinguishing Ball is a device that assists you to extinguish and observe the fire effectively, which is able to reduce the losses.



*ELIDE FIRE*- Fire Extinguishing Ball is not only the success of "Mr. Woradech Kaimart", but the proficient and renowned success of Thailand as a world-class Thai people who gain the ability to make fame to Thailand.

- Q. Is the explosion from the *ELIDE FIRE*- Fire Extinguisher likely to cause damage to immediate/ nearby goods and property ?
- A. When fire occurs there is always some damage to goods and property, articles will burn. The power of the blast from the *ELIDE FIRE*- Fire Extinguisher is insufficient to be a treat to any property or goods out of the immediate/nearby fire area. The cover and materials within the sphere are made from Choloro Florine Carbon (CFC) free foam. In other words the *ELIDE FIRE*- Fire Extinguisher uses only soft materials both in its manufacture and in its emission. So no harmful damage is possible outside the area of fire.



- Q. Is it dangerous if children use the *ELIDE FIRE*- Fire Extinguisher as a toy ?
- A. It is recommended that the *ELIDE FIRE*- Fire Extinguisher is not used as a toy or a ball by anyone, however in the event of a fire it is possible for an elder child to effectively throw the *ELIDE FIRE*- Fire Extinguisher to put out an indoor fire.
- Q. Will the *ELIDE FIRE*- Fire Extinguisher detonate automatically if dropped accidentally ?
- A. If the *ELIDE FIRE*- Fire Extinguisher Ball is dropped, it will not detonate but damage is possible if the fall exceeds one meter high.

4. Feel relieved like having 24 hour fire surveillance guards



**ELIDE FIRE**- Fire Extinguishing Ball can help to protect the environment as well. That means if it has extinguished the First Aid Fire, Carbon Dioxide will not burning and thus Ozone destruction will be stopped.

5. Product and Safety Certificates.



National Test House, Government of India.  
No.NTH(ER)/CH(S)/2008/0015



Director General of Mines Safety.  
No.S 66021/06/2008-Genl/509

West Bengal Fire & Emergency Services.



Certificate from Department of Science and Service, Thailand Laboratories  
No.วท.0307/1679



Certificate from National Police Fire Brigade, Thailand  
No.ตช.0011. (ตต.) / 909



Authorization of the Fire Extinguishing Ball from Natural Resources Canada



Certificate from Federal Fire Service of Lagos States, Nigeria that "Very effective and good for First Aid Fire fighting and protection"



Product Liability Insurance MSIG Policy  
No. 06-74 00235



One gold medal with mention award in human and saving two the best invention awards



Fire Safety Product Certificate from PSB Corporation No. 54SO42507 / JC

## The instructions of *ELIDE FIRE* Fire Extinguishing Ball

1. Throwing Fire Extinguishing Ball into the fire.



When a fire occurs, take the nearest available Fire Extinguishing Ball and simply throw it into the fire. The ball will activate within 3-10 seconds. No need to pull pins, or to get close to the fire. No special training or skills required.

2. Self Activating Mount



One of the great benefits of *ELIDE FIRE* - Fire Extinguisher Ball is the fact that it can self activating in occurrence of fire and also when no one is present.

If positioned in the appropriate high risk areas where fires are likely to start, it will self activate on contact with flame and extinguish the fire.

**ANNEXURE: I****Advantages of ELIDE Fire Ball over Conventional Fire Extinguishers**

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<b>Training &amp; Skill Requirement</b>	<b>Required Trained Manpower</b>	<b>No Requirement of Manpower and Training/Skill for Operating Personnel-</b> As it also Operates in Auto Mode and used just by Tossing the Same towards the place of Fire
<b>Selection of Extinguisher Category</b>	Extinguishers are selected as per Class of Fire - A or B or C type Fires	<b>Same Caters all Three Categories</b> of Fires, viz: Class A, B & C
<b>Weight of Extinguishers</b>	<b>Difficult to Carry- Heavy</b> Domestic one Weighs: (2.0-7.3 Kg) Industrial one Weighs: (5.0-9.0 Kg)	<b>Easy to Carry and Use:</b> As it Weighs 1.3 Kg (+/-) 5% for use in Industry as well as for Domestic purposes
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<b>Cost Analysis</b>	<b>Maint Cost: Rs 4000 per year and Rs 20,000 for 5 Years</b>	<b>Total Cost involved per year per Ball: Rs 1800</b>
	<b>Capital Cost: Rs 19,600 + Tax</b> Class A Extinguisher Costs: Rs 9800+ Tax ( Ex Godown) Another Extinguisher also required in parallel for <b>Class B or C type Fires</b> costing Rs 9800+ Tax ( Ex Godown)	<b>Capital Cost: Rs 9000/-(Inclusive Taxes)</b> for 5 years up to Destination (Cost of Freight Included and only L/R to be provided)
<b>Operation Method and Fire Extinguishing Time</b>	<b>100 % Manual</b>  Till Opening the Nozzle it takes average <b>2-10 min</b> time	<b>Self Activated</b>  When comes in contact of Fire Flame, the Extinguisher Ball automatically activated <b>within 3-10 sec</b>
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<b>Environmental Concerns</b>	Most are made from CFC & other Materials which are of <b>Toxic Nature</b>	It is free of CFC as made from <b>Mono Ammonium Phosphate Dry Powder</b> - which are <b>Non-toxic and Eco-friendly</b>
<b>Skill Required for the Operators</b>	Un-skilled Men, Women, Children and Elderly Personnel <b>Can't Operate</b>	<b>Any Body can Operate the same –</b> It just need to be Tossed/Rolled
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