



WHY

CEASEFIRE?



TRUST



QUALITY



RELIABILITY



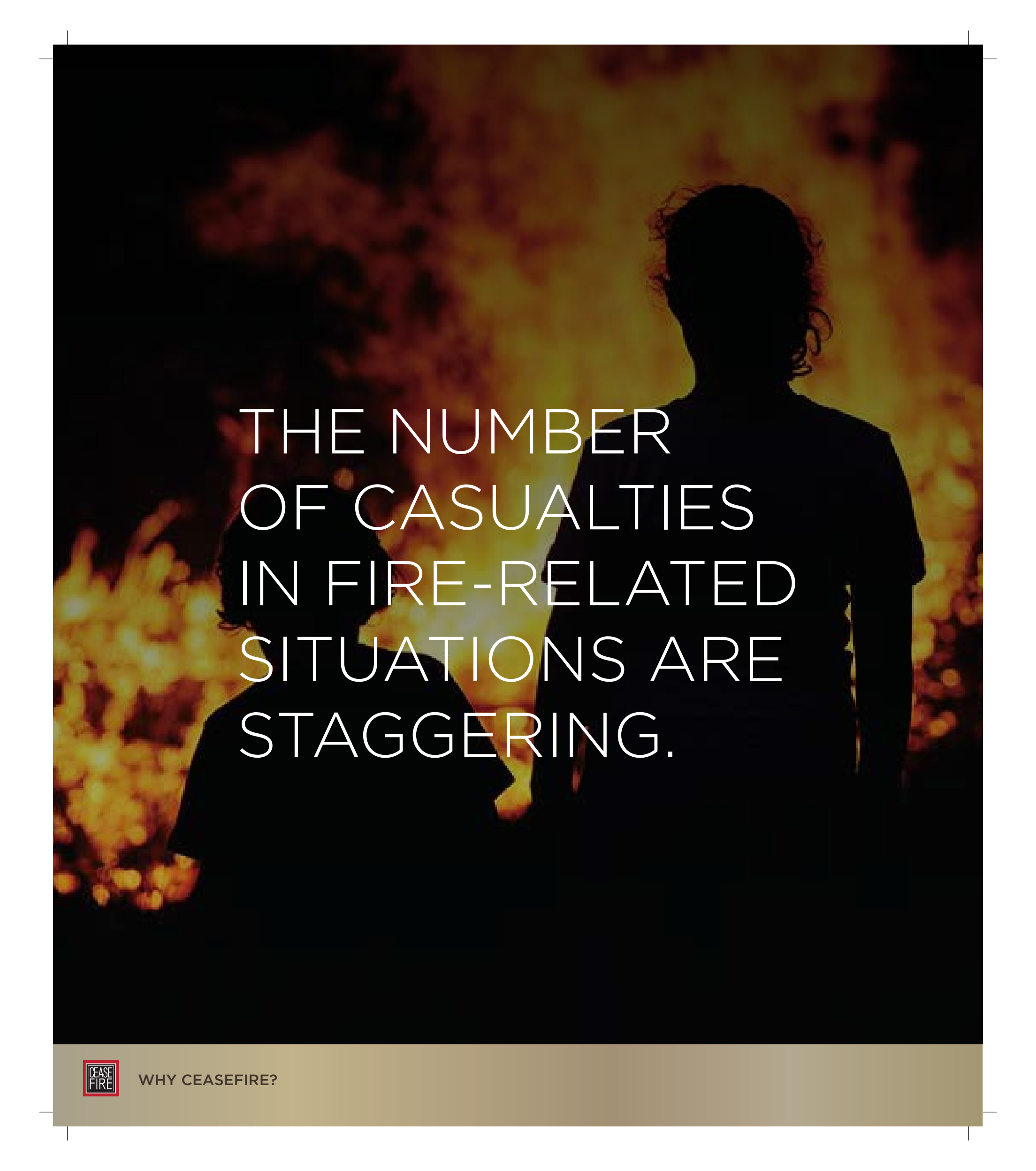
GLOBAL CERTIFICATIONS



STATE-OF-THE-ART
TECHNOLOGY



**WHEELED
FIRE EXTINGUISHERS**

The image features a dramatic background of intense fire in shades of orange, yellow, and red. In the foreground, the dark silhouettes of two people are shown from behind, holding hands. The text is centered over the image in a clean, white, sans-serif font.

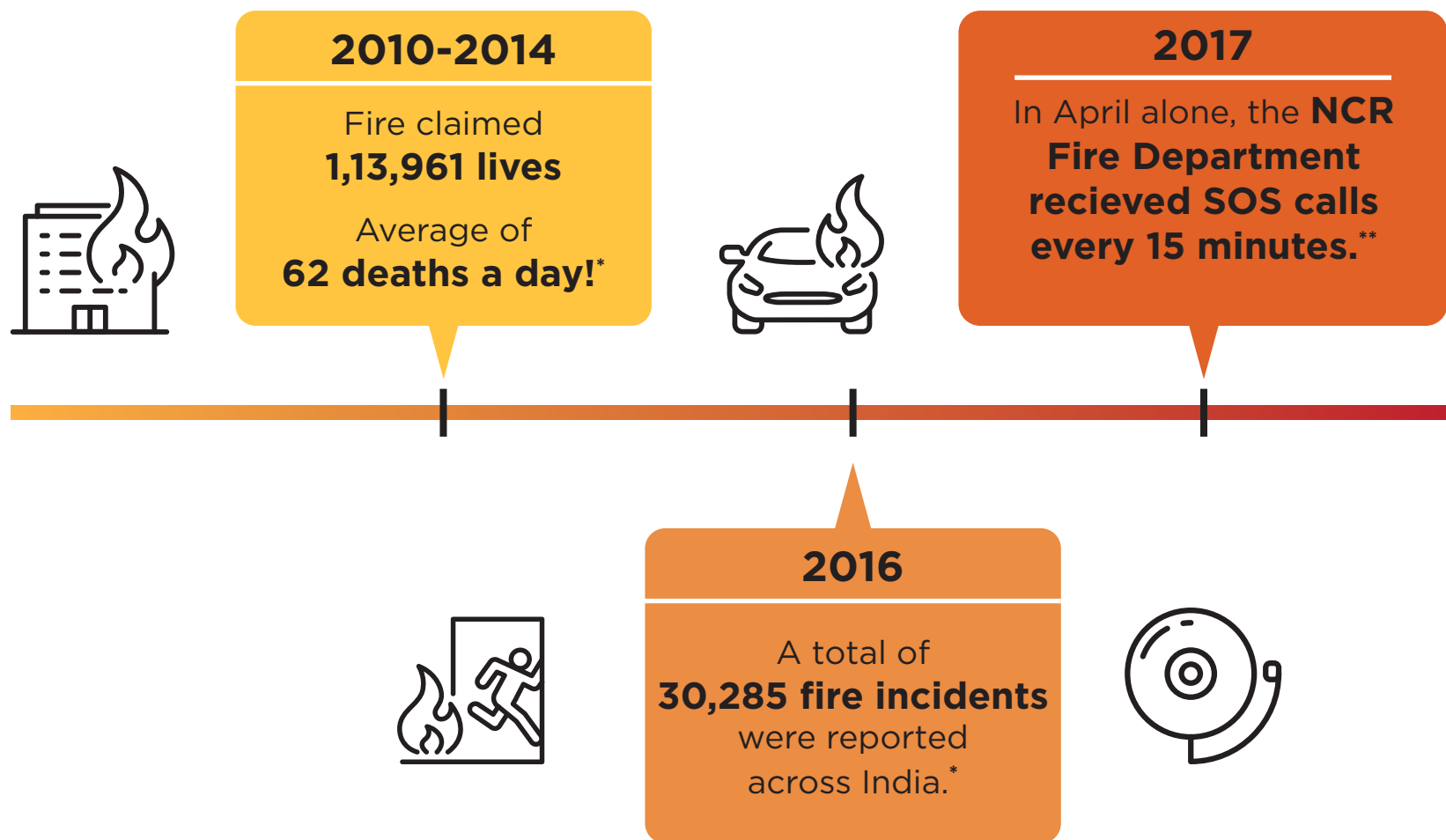
THE NUMBER
OF CASUALTIES
IN FIRE-RELATED
SITUATIONS ARE
STAGGERING.



WHY CEASEFIRE?



Fire is the cause behind **thousands of unnatural deaths** in the country.



*Source: NCRB

**Source: Times of India 18th April

Investing in fire safety

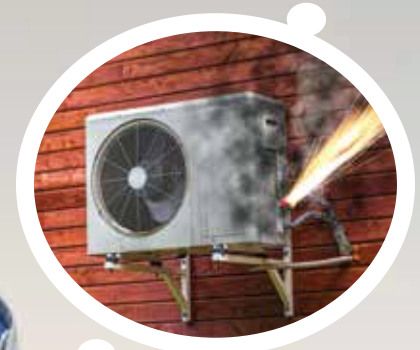
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Selecting the right technology to buy

+

Selecting the right agent to protect lives and property

The purchase of an extinguisher is an important one for the **safety of your property and life.**



WHY CEASEFIRE?

It's also the best time to ask yourself this question:
Are you actually buying it for



SAFETY

OR



**REGULATORY
COMPLIANCE**



If your answer is **safety**,
then your expectation would be
that **the fire extinguisher**
will come to your rescue
in your time of need.

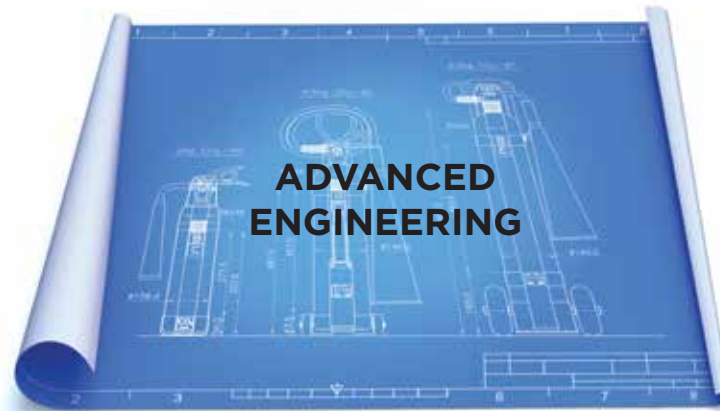


If your answer is to **meet a**
regulatory compliance,
then you'd expect the
extinguisher you are investing
in to at least work.

Because in an event of fire,
there are no second chances.
This means zero scope
for error.



Whatever your answer, you should know that there's a lot of precision that goes into **making a Wheeled Fire Extinguisher a serious firefighter.**



- ✓ SAFETY
- ✓ REGULATORY COMPLIANCE
- ✓ MANUFACTURING
- ✓ TEST
- ✓ RAW MATERIAL
- ✓ ASSEMBLY



It's vital that the fire extinguisher you choose to buy is **made to these exacting standards.**

WHAT MAKES A WHEELED FIRE EXTINGUISHER A SERIOUS FIREFIGHTER?



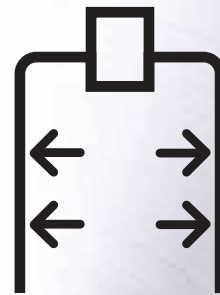
WHY CEASEFIRE?

There are ten critical components in a fire extinguisher that determine how well and effectively it performs:



THE CONTAINER BODY

The steel container has to be of a particular quality and thickness.



Why? Because it holds the extinguishing agent at high pressure.

The industry's practice of making containers is a highly compromised one. Many procure recycled containers from the local market, refurbish, and sell them. How can they guarantee the quality of the containers they haven't even manufactured themselves?

It's a question you need to ask yourself before making a purchase decision.



WHY CEASEFIRE?

Industry Practice

Steel

Many manufacturers buy steel from steel scrap dealers.



Others buy recycled steel at auctions.



Ceasefire Practice

Steel

Ceasefire purchases steel directly from original and reputed producers - **Tata Steel, Essar Steel or SAIL.**



Our CRCA steel sheets are IS513 compliant and **34% thicker than the Indian industry average and 12.5% thicker than the European industry average.**

Average sheet metal thickness:

25 kg extinguisher

India: 3.5mm

Ceasefire: 4mm



50 & 75 kg extinguisher

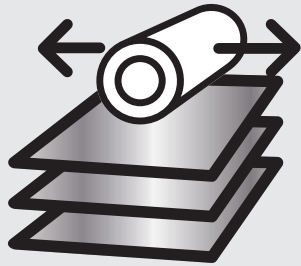
India: 4mm

Ceasefire: 5mm

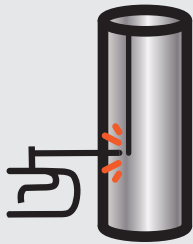


Industry Practice

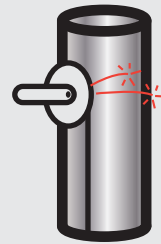
Manufacturing Process



Container bodies are made by rolling flat steel sheets



Then welding them with a long vertical joint



The weld is sanded to make it look seamless



Leading to abrasion and further weakening the joint.

Manufacturers who do use the Deep Draw process often don't have the right infrastructure, resulting in inferior quality.

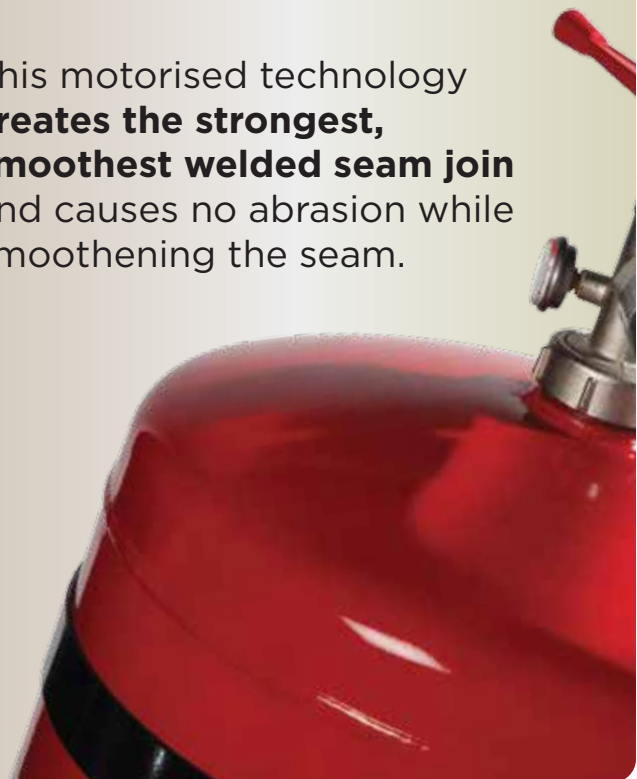
Ceasefire Practice

Manufacturing Process

After **mechanically rolling the sheet to form a cylinder shape**, the two ends are seamed together by **advanced welding technology** - Motorised Metal Inert Gas (MIG) CO₂ welding.



This motorised technology **creates the strongest, smoothest welded seam join** and causes no abrasion while smoothing the seam.



WHY CEASEFIRE?

Industry Practice

Treatment for Durability & Longevity

Often new extinguishers **start deteriorating in a few months of purchase.** This is because the **products were never treated to endure even moderate environmental conditions.**



Colour fading, flaking and rusting are deterioration signs.



This leads to mild cracks or leakages.



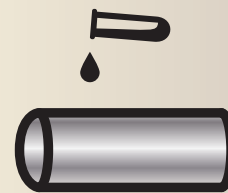
Making the **extinguisher dysfunctional, and susceptible to bursting.**

Ceasefire Practice

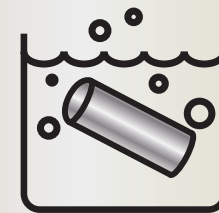
Treatment for Durability & Longevity



Ceasefire containers undergo an **Eight Tank Process** for additional **strength and durability.**



First, **acid and alkaline solutions** are used to treat the container body.



A **coat of zinc phosphate** is done on the outer body.



Durable, ultra-finish, powder coat of paint is also carried out.

Industry Practice

Paint

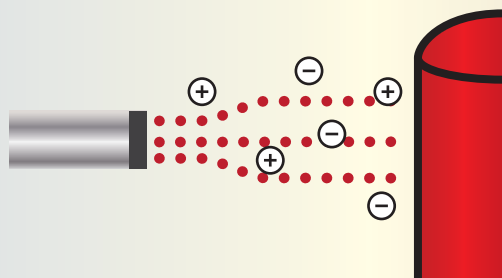
Paint is the container's first layer of defence against weather conditions.



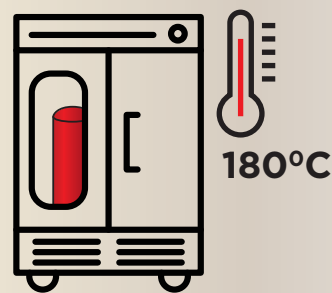
Spray painting is the most common process, resulting in an **inferior grade finish, scratches during installations and rapid deterioration.**

Ceasefire Practice

Paint



The **paint is first positively charged, and the containers negatively** to ensure the powder coat temporarily fixes to the containers.



Containers are then placed inside giant ovens and baked for **15 minutes at 180°C**. The **powder particles melt and form a lustrous layer of paint.**



This **superior finish ensures no cracks, rusting or flaking for many years**, even in extreme outdoor conditions.



WHY CEASEFIRE?



THE DIP TUBE

This hidden component plays a vital role in the functioning of an extinguisher.

It's the medium through which the extinguishing agent is expelled out of the container. This tube, not only needs to be of the **right quality**, it needs to be **integrated properly to function correctly and discharge maximum amount of agent.**



WHY CEASEFIRE?

Industry Practice

The industry doesn't pay much heed to this component. **Extinguishers with broken dip tubes** in the container are unfortunately not uncommon.



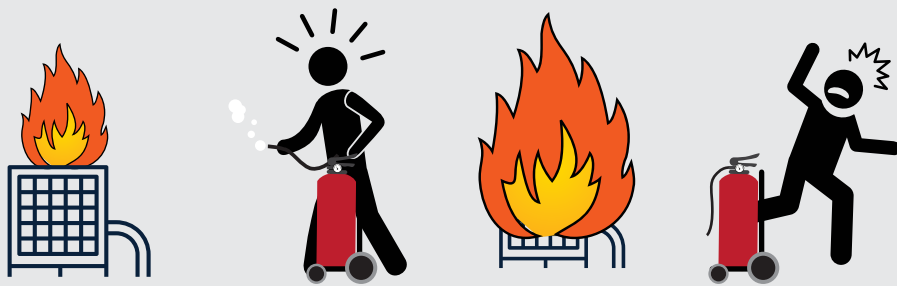
Ceasefire Practice

Right integration of the dip tube is essential and it has an vital place in our production line.



Industry Practice

Because of the damaged tube, **only the pressuring gas and not the extinguishing agent comes out**, on the extinguisher being activated.



Ceasefire Practice

- Ceasefire's tubes are made from superior grade plastic
- Fitted with precision to ensure that 90% of the agent comes out when the extinguisher is fired.
- In specialty extinguishers, a flexible dip tube is used to ensure optimum discharge, even in a horizontal position.



WHY CEASEFIRE?



SAFETY SEALS AND ACTIVATION LEVER

Safety Seals ensure that an extinguisher does not get accidentally activated.

The Activation Lever is the main **trigger** to **activate** an extinguisher.



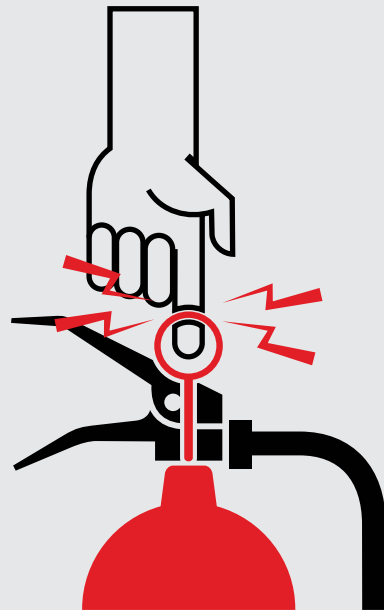
WHY CEASEFIRE?

Industry Practice

Safety Seals

Safety seals on many extinguishers are installed in such a way that they become **more of a nuisance at the time of activation, than of help.**

Faulty seals can hurt while activating the extinguisher, and act as an obstacle in times of emergency.



Ceasefire Practice

Safety Seals

Ceasefire's extinguishers come with **two Safety Seals to avoid accidental discharge.** However, at the time of need, with just a gentle tug, the seal can be broken and the extinguisher can be activated.



Industry Practice

Activation Lever

The Squeeze Grip is often the first component to exhibit signs of **wearing out and deterioration, by rusting, flaking or the metal handles bending or breaking.**



Ceasefire Practice

Activation Lever

Ergonomically designed using superior grade steel

Ceasefire's Activation Lever stays **sturdy for the entire lifetime of the product.**

They are designed to not only activate the extinguisher, but also to **easily carry the portable extinguisher to the scene of fire.**



WHY CEASEFIRE?



HOSEPIPE

The hosepipe is key to dispersing the agent over the fire, and **must have extreme strength and resilience.**

It must be fitted tightly and should have **no cracks** at all.



WHY CEASEFIRE?

Industry Practice



Most of the extinguishers you find in the market have hosepipes **made of ordinary rubber or PVC.**

Some hosepipes are literally **ordinary water hoses that are used in gardens!**

Ceasefire Practice

Ceasefire, with its immense experience in the field, **uses quality hosepipes made of braided rubber or EPDM.**



Industry Practice



Under harsh conditions and over time, the **ordinary rubber and PVC** used to make these hosepipes **becomes brittle and starts crumbling.**



This is disastrous in a fire situation!

Ceasefire Practice

Ceasefire's hosepipes are durable, do not become brittle or crack.



The length of the hosepipe is kept long and apt to enable free movement during firefighting. Being flexible, the wheeled extinguisher's **hosepipe can be swiftly moved from side-to-side** to fight the fire - something that's vital for effective firefighting.



WHY CEASEFIRE?



PRESSURE GAUGE

- The Pressure Gauge in an extinguisher **indicates the current pressure in the container.**
- Since an **extinguisher without pressure is useless**, it's the **only the pressure gauge that can tell you if your extinguisher is in working condition or not.**
- For a component so important, **it's shocking how little importance can be given to it.**



Industry Practice



Many manufacturers use an **inherently faulty pressure gauge**, which is programmed to show healthy pressure irrespective of the actual pressure in the container. **This means the pressure reading is false.**

Ceasefire Practice

Ceasefire extinguishers are **equipped with state-of-the-art pressure gauges.**

Manufactured to German precision.

These pressure gauges are **designed to always give true pressure readings.**



Industry Practice

It's an industry practice to **recycle and reuse this important component** as it does not have any clearly defined life cycle standards.



Old pressure gauge



Recycled and installed again

Ceasefire Practice



Every Ceasefire extinguisher is fitted with a new pressure gauge. For us, recycling is not an option.



WHY CEASEFIRE?

Industry Practice

Often, pressure gauges are incorrectly installed.

This results in the gauges being hard to read, and sometimes becoming the point of leakage.



Ceasefire Practice



With Ceasefire Pressure Gauges, **the needle can be checked against jamming by using a magnet.**



Since the **needle remains in the green zone** only when there's enough pressure, it's essential to test that the needle is free and can move across the scale easily.

Industry Practice

Many manufacturers **do not even consider putting a pressure gauge on spot pressure extinguishers.**

They rely solely on the 'whoosh' that can be heard - after the cartridge is kicked into action - to judge the readiness of the extinguisher.



Ceasefire Practice

Ceasefire is amongst the handful of companies that manufacture a spot pressure extinguisher with a pressure gauge, that instantly activates the minute the activation lever is pulled.

This critical component saves you from relying on the 'whoosh' sound, that could very well be lost amid the panic and chaos in a fire situation.







NOZZLES

It's the nozzles that **effectively discharge the agent onto the fire**. These need to be **specially designed to fight the class of fire** the extinguisher is built for, and the volume of the extinguisher itself.



Industry Practice

Manufacturers in the industry have been known to **manufacture nozzles without any expertise in the field, producing basic nozzles** that barely aid in adding to the extinguisher's firefighting power.



Ceasefire Practice

At Ceasefire, **nozzles play a vital role in making our extinguishers firefighting machines** to be reckoned with.



They're built to:

- ✓ **Ensure optimum angle of discharge of the extinguishing agent**
- ✓ **Maintain flow rate**

Industry Practice



Many manufacturers purchase **nozzles in bulk**, not considering the specific requirements of the extinguishing agent or the volume of the extinguisher they need to be integrated in.

Ceasefire Practice

Continuous **R&D and technology collaborations from leading manufacturers from around the world** enable Ceasefire to bring the **latest nozzle technologies to India**.

The same quantity of extinguishing agent, delivered from a Ceasefire nozzle, can **effectively put out a larger fire than a poorly designed nozzle can**.



WHY CEASEFIRE?



FERRULES

Ferrules **ensures that the hosepipe stays steadily connected** to the discharge point of the extinguisher.



WHY CEASEFIRE?

Industry Practice

Rusted ferrules



Leakage at the time of activation.

Most industry players use **ferrules made of iron** to attach the hosepipe to the extinguishers. This **iron rusts quickly, losing its strength**, and **giving way at the time of activation and discharge**.

Ceasefire Practice

Stainless steel is used for ferrules to attach the hosepipes to Ceasefire's extinguisher. **Stainless steel doesn't rust**, holding the hosepipe **firmly in place through the service life of the product**, even during activation.



WHEELED BASE

A wheeled extinguisher demands that the fire extinguisher and the trolley function in harmony.

Even the best large sized extinguisher is useless in a fire situation unless you can manoeuvre it to the scene of the fire quickly and efficiently.



WHY CEASEFIRE?

Industry Practice

Standards



The **industry in general makes trolley from steel and plastic bought from scrap dealers**, or by **recycling material in order to save on costs**. Other manufacturers use substandard steel, resulting in **trolley that are weak and unsteady**.

Ceasefire Practice

Standards

Ceasefire's wheel base are **made to IS 16018 and EN 1866-1 standards**.

Steel is purchased directly from original, reputed producers.

The CRCA steel sheets are IS513 compliant.

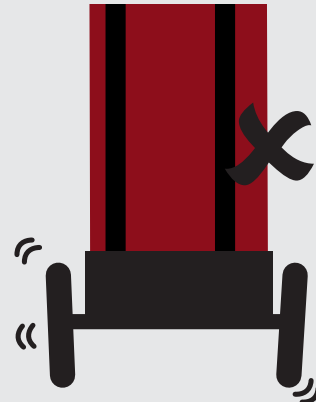
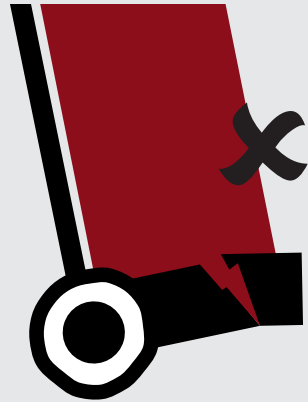
High quality ensures **sturdy wheel base, easy manoeuvrability, and no malfunctions**.



Industry Practice

Wheels

Many large size trolley manufacturers **purchase cheap plastic that make wheels of terrible quality that jam, crack and breakdown quickly.**



Ceasefire Practice

Wheels



Even though it's a small component, the wheel is critical. **Ceasefire uses superior quality rubber to enhances mobility and easy handling without any glitches.**



WHY CEASEFIRE?

Industry Practice

Coating

The trolley surface is **spray painted**.

In the long run, the paint chips off, exposing the metal to corrosion and thereby **compromising the strength and reliability of the trolley**.



Ceasefire Practice

Coating

Superior quality powder coating.

Eliminates chipping, flaking and rusting throughout the service life of the product.



Ceasefire Practice

Design

Ergonomically designed wheel base. It is **scientifically designed to maximise productivity** by making it user-friendly.



Ceasefire Practice

Testing



150 KG

Ceasefire wheel base is made to **withstand a load of up to 150kg.**



Checked for toppling when pushed or pulled by the hosepipe. Only those wheel base that pass the Topple Test make the cut.



WHY CEASEFIRE?

Ceasefire Practice

Pipes

The pipes that form the frame of our wheel base are **larger in diameter compared to the industry norm**, giving more balance and stability.



THE EXTINGUISHING AGENT (ABC POWDER)



The actual potency of a fire extinguisher comes from the extinguishing agent used in it. Every other component in the extinguisher is designed and created to ensure that this agent gets delivered from the extinguisher to the fire effectively. **It is solely the agent's job to actually take on, and put out the flames.**



Industry Practice

Quality

Compromising on ABC Powder quality is unfortunately common.

There is **no way for customers to check the quality**, giving industry players a way out.

Ceasefire Practice

Quality

ABC Powder-based extinguishers contain a **highly potent MAP 50 or MAP 90 powder** variant.

Highly effective in firefighting.

Industry Practice

Process

The market from which most manufacturers **procure the ABC Powder is a highly unstructured, non-standardised** one, with rampant **use of inferior quality powder.**



The **powder is filled into the container manually**, without any prevention of **moisture getting added to the powder resulting in lumps, and hampering the free flow of the agent.**

Ceasefire Practice

Process

Ceasefire fills extinguishers via an automatic machine in a dehumidified environment - through a vacuum principle.



The vacuum sucks the ABC Powder into a hopper, which in turn **releases just the right amount of powder into the attached container - allowing no moisture in.**

The powder **remains free flowing for effective firefighting.**

Industry Practice

Ratings

Extinguishers are approved based on samples submitted for testing. **The quality of agent in extinguishers available in the market is far inferior.**

Ceasefire Practice

Ratings

Every ounce of ABC Powder is **procured from the world's leading, most authentic sources in the world.**

THE ASSEMBLY OF ALL THE COMPONENTS



The Assembly Stage is **when all the parts - from the spray gun to the pressure gauge - are fitted together.**

This process is **partly done by hand, and partly by state-of-the-art machines.**

Assembling these components together **requires expertise, precision and an advanced manufacturing set up.**

Only when all these components are integrated perfectly, is when the extinguisher is ready to take on a fire.



WHY CEASEFIRE?

Industry Practice

Manufacturers may have the production capability to produce one or more components, but **to manufacture a complete extinguisher, test it, and ensure it is fire ready, requires an altogether different level of production.**



Ceasefire Practice

At Ceasefire, **almost every single component** - from the container body to the tiniest of valves - **is manufactured at our own production facility in Dehradun**, allowing us to **produce 4,80,000 perfectly working extinguishers every year.**



FINAL TESTING BEFORE A PRODUCT IS “APPROVED”

Ceasefire extinguishers come with a warranty of up to 5 years. And for us, this is not a false promise.

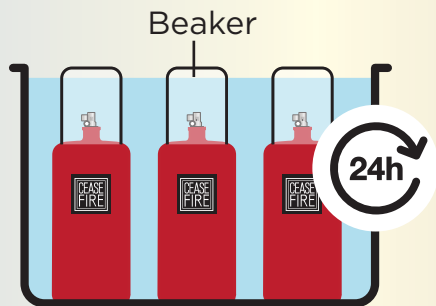
Which is why **once all the components are fitted together, we conduct thorough checks to make sure the extinguisher is in perfect working condition.** Because when it comes to human lives in danger, you don't get a second chance.



WHY CEASEFIRE?

Test conducted on EVERY EXTINGUISHER:

The Inverted Beaker 24-hour Leak Test



Once the extinguisher is pressurised, it's important to check that there are absolutely no leaks.

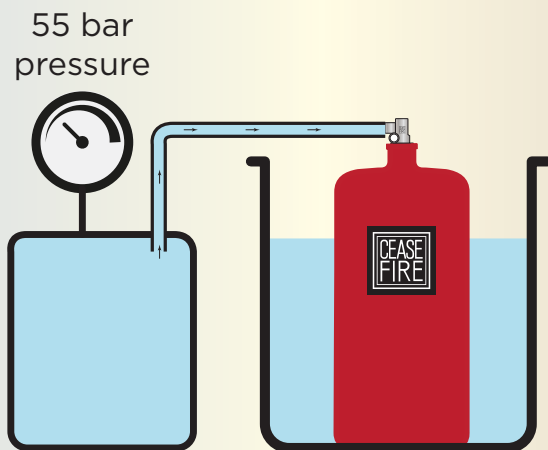
- ✓ Our extinguishers are submerged in a water tank, with an inverted glass on top of the valve, for 24 hours to test for leakages.
- ✓ Even if there is a minor leakage, tiny bubbles will get caught in the glass beaker after 24 hours - making it one of the most effective methods to detect a potential leak.



Tests conducted on EVERY BATCH:

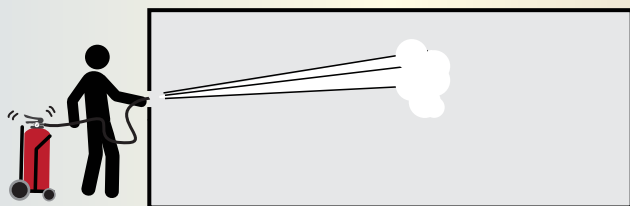
Only after our extinguishers pass the above two mandatory tests, are they eligible for further batch testing.

The Burst Test



- ✓ The extinguisher **container is put through 3.3 times the maximum surface pressure, or 100 bar pressure**, whichever is higher – **to test that it can withstand this level of pressure.**
- ✓ To give you an idea of how much pressure this really is, **30 bar pressure is 30 times the atmospheric pressure at sea level! While the industry practice is 30 bar pressure, we go for 100.** With a weld that is so strong, it never lets the container burst.

The Discharge Test



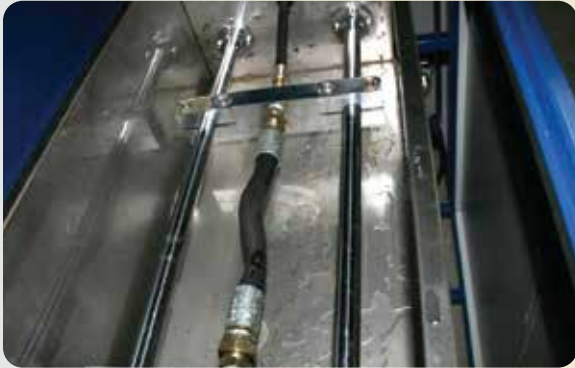
95% of the contents of the extinguisher are discharged.

- ✓ **One extinguisher from each batch is discharged to check that the mechanism is working according to prescribed standards.**
- ✓ **A highly expensive test for us, but essential to ensure that the batch can 100% come to your rescue.**
- ✓ **The extinguisher is first conditioned at +60°C as per EN requirements, and then activated to measure the maximum service pressure. Ceasefire extinguishers have shown 100% success.**



WHY CEASEFIRE?

The Hosepipe Burst Pressure Test



- ✓ Ceasefire's extinguisher hosepipes are **tested for their pressure holding capacity at -30°C (or 5°C) and +60°C at 35 bar pressure.**
- ✗ **The few other players** who perform this test **only conduct it at ambient temperatures of 35 bar.**

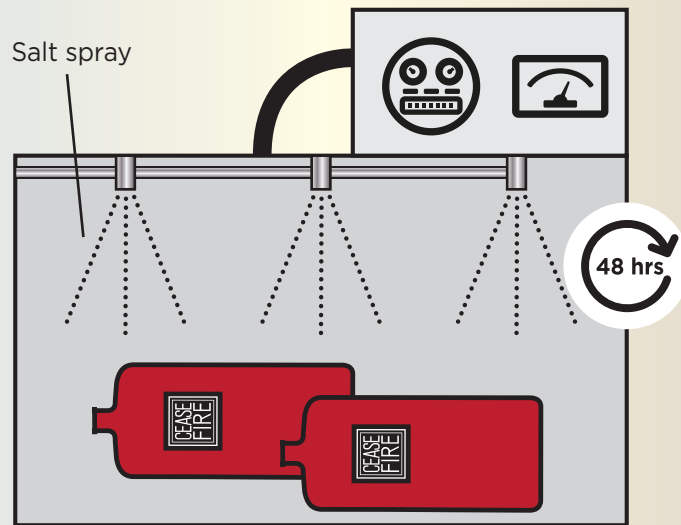


The Temperature Fluctuation Test

- ✓ Extinguishers are **often exposed to varied climatic and atmospheric changes**, specially if they are kept outside or are in a place with extreme temperatures and humidity.
- ✓ To check the resistance to temperature changes, **each extinguisher is placed in an oven and a chiller, alternatively for 24 hours, to check its resistance to temperature changes.**
- ✓ **Ceasefire extinguishers discharge over 90% of the ABC Powder, even at -30°C.**

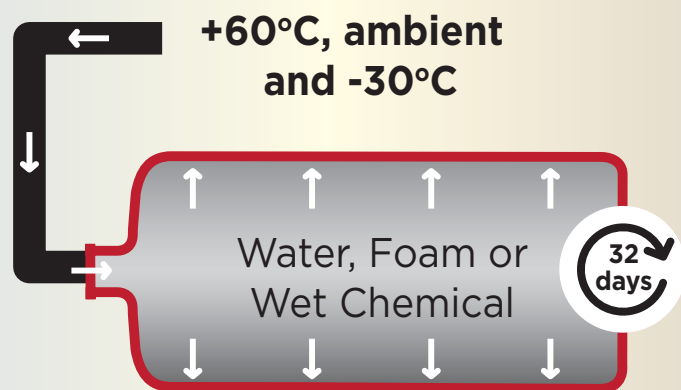


The Corrosion Test



- ✓ Each cylinder is exposed to a salt spray for **480 hours**, then washed and checked for corrosion.
- ✗ The **few players** who also perform this test do it **only for 240 hours**.

Internal Corrosion Resistance Test



- ✓ We test the impact of extinguishing agents like water, foam and wet chemical on the internal surface of the extinguisher's container. The Internal Corrosion Resistance Test is carried out for **32 days**.
- ✗ Our extinguishers are subjected to **8 cycles at +60°C**, as compared to the few other manufacturers, who have **1 cycle, carried out at +55°C, only for 7 days**.



WHY CEASEFIRE?

The Powder Flow Test



- ✓ In the case of ABC or MAP extinguishers, the powder must be free from moisture so that it does not cake or clog up.
- ✓ The Powder Flow Test ensures that the **powder will flow out of the hose without any hindrance** when the extinguisher is activated.
- ✓ For the test, **500gms of powder is made to flow between two conical glasses**. It must flow at 50gms/sec 10 times to pass this test.

The Lock Test



- ✓ As per IS 15683:2006, “The release of the safety device with tamper indicator shall involve an operation distinct from that of the operation mechanism and shall require a force of no less than 20 N but not exceeding 100 N”.
- ✓ The Safety Locking Device is tested on every extinguisher by **applying the required force to test its durability and reliability**.
- ✓ If intact, the extinguisher is safe for use.

GLOBAL CERTIFICATIONS

Ceasefire's quality is endorsed by leading certification agencies across the world.



WHY CEASEFIRE?

We're so confident about our manufacturing process and finished products, that we've submitted our extinguishers before every leading certification agency across the globe - to see if they hold up against the most stringent, highly brutal testing criteria.

Not only did every product up for testing qualify every parameter, but in some cases they over-qualified.

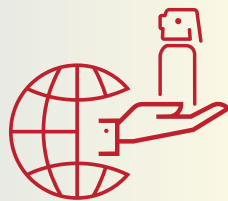
Today, Ceasefire products conform to the highest global standards, and carry a host of national and international certifications; including EN3, EN1866, MED, PED, ISO 9001 and OHSAS.

What do these Global Certifications Actually Mean?

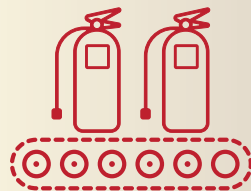
The audit of international certification don't just focus on the finished product; it encompasses each and every component along the manufacturing line, as well as companies supplying parts that go into the extinguisher.

After sales services and the training that we offer falls under the scrutiny of the audit. A single change in the production process means the extinguisher needs to be certified all over again! This guarantees the best product every single time, with absolutely no compromise.

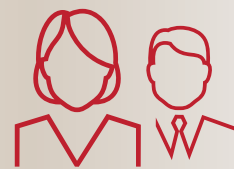
With our global certifications in place, Ceasefire is now licensed to sell a host of lifesaving products across the globe.



Tests at European Union-certified Labs



Factory Production Control (FPC)



Audits on After Sales Services



Market Checks

International Certifications. One Company.

Ceasefire has product quality certifications from multiple leading certification agencies. Each of these agencies epitomise safety and performance standards, and have **laid out some of the most stringent test criteria in the world.**

Each certification dictates unique testing criteria. MED, for example, have rigorous tests for products for functional efficacy in high humidity areas. PED puts special emphasis on pressure holding capabilities. LPCB & BSI take a more holistic view of things, thoroughly checking everything from the procurement of raw materials to the production line, the performance of the product at a customer's premises and also the after sales service provided. Ceasefire has passed them all.

The very fact that our products qualify against these standards is a testimony that we take our job of saving lives very, very seriously, and continue to raise our product quality standards.

Ceasefire's Product Certifications:



BIS: The ultimate, all encompassing Indian test standards set to unique Indian conditions.



EN3 (Standards Certification from LPCB & BSI): The small, portable extinguishers' test comprises 10 progressively tough tests.



EN1866 (Standards Certification from LPCB & BSI): This test is set for larger extinguishers, like wheeled extinguishers.



MED (Marine Equipment Directive - Certification from LPCB):

A benchmark certification for products to be used on ships, offshore oil rigs and other marine industries. This difficult certification guarantees that the extinguisher is capable of withstanding high salt and humidity.



WHY CEASEFIRE?



PED (Pressure Equipment Directive - Certification from LPCB): PED is one of the biggest European standards. It involves a specialised test that checks the extinguisher's pressure, welding, documentation and the manufacturing process of the product.



EN 1866 LPCB Cert ref. 13291

Horseshoe Mark (LPCB Certification): This is LPCB's main certification mark that's awarded to products which have all the above certifications in place.



Kite Mark (BSI Certification): By British Standards Institution, it's awarded to products that have EN3, EN1866 and FPC certifications.

Ceasefire's Process Certifications:



PED (Pressure Equipment Directive - Certification from LPCB): PED is one of the FPC (Factory Production Control - Production Certification from LPCB & BSI): An essential part of the LPCB & BSI certification includes Factory Production Control. Besides testing the finished product, raw material suppliers and every individual component in the extinguisher is also subject to production line quality checks.



OHSAS: Occupational Health and Safety Assessment Series is an internationally applied Standard for health and safety management systems.



ISO: The International Organisation for Standardisation promotes global standardisation for specifications and requirements for materials, products, procedures, formats, information and quality management.

WHY SHOULD YOU CHOOSE A CEASEFIRE WHEELED EXTINGUISHER?



WHY CEASEFIRE?



1. Ceasefire extinguishers are **manufactured with precision and expertise, and tested to function without any flaw** at the time of need.

2. The container of Ceasefire's extinguishers are **stronger and sturdier**, and designed to stay **pressurised throughout the life of the product**.



Advanced Motorised
Welding Technology



Chemical treatment



Specialised powder
coating process



Withstands cold, heat or
extreme outdoor conditions.



- ✓ Made from steel **procured from original source steel producers like TATA Steel, Essar Steel or SAIL.**
- ✓ The **thickness of the steel** sheets used is **34% heavier than the Indian industry standards (IS15683)**, and **12.5% heavier than the European standard.**
- ✓ **MIG CO₂ welding** over weaker conventional welding techniques.
- ✓ **Each container is Hydrostatic Pressure Tested.**
- ✓ **Every container is chemically treated - internally and externally** - for durability and endurance.
- ✓ Ceasefire's ABC Powder extinguishers are also internally **coated with epoxy powder to guard against corrosion.**
- ✓ Containers are **painted using a specialised powder coat process.** The paint finish is beyond compare - even in comparison to the world's biggest fire extinguisher manufacturers.
- ✓ This **superior paint finish** ensures there are **no cracks, rusting or flaking** even after many years of the extinguisher being installed in rugged, cold, heat or extreme outdoor conditions.



3. Specialised production set up to manufacture our own valves, and forge them from a single piece of high-grade brass. The machining on the valve is done by state-of-the-art CNC machines, and **EPDM grade O-Rings** are used. Our valves are 50% heavier and cohesively integrated.



4. Dip tubes made of superior grade plastic, and fitted with precision to ensure that 90% of the agent inside the container is released after the extinguisher is activated.



5. Two safety seals to avoid accidental discharge. **The seals can be activated with just a gentle tug.**



6. Ergonomically designed squeeze grips activate the extinguisher with exertion of just the right amount of pressure.



7. Hosepipes made of braided rubber or EPDM. They are **durable, do not become brittle over time** or crack; and are **able to withstand the pressure** when the agent is dispersed. Being flexible, they can be **swept from side-to-side for effective firefighting.**



WHY CEASEFIRE?



8. State-of-the-art pressure gauges manufactured by a German specialist company. They're designed to always give true pressure readings, and the needle can be checked using a magnetometer.



9. We manufacture a range of **nozzles**, and sourced others from the world's leading manufacturers. They play a vital role in making our extinguishers so effective on fires. **The nozzles ensure optimum angle of discharge of the extinguishing agent, flow rate and ideal mixture of air and agent for maximum efficiency.**



10. Stainless Steel Ferrules attaches the hosepipes to the extinguisher. **These don't rust, holding the hosepipe firmly to the extinguisher throughout activation and the service life of the product.**



11. ABC Powder-based extinguishers contain highly potent **MAP 50 or MAP 90 powder**. The powder always **remains free flowing** because the cylinders are filled by an automatic machine in a dehumidified environment. Ensuring no moisture content. Silicon is further added to make the **ABC Powder moisture repellent.**

Clean Agent Extinguishing Gasses used in extinguishers are procured from some of the most leading, authentic sources in the world.



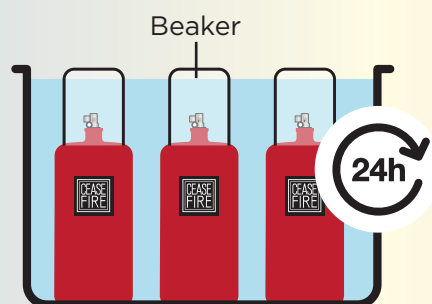
12. Ergonomically designed wheeled base, which means that it is scientifically designed **to maximise productivity by making it user-friendly.**

- ✓ Ceasefire's wheel base is **made to IS 16018 and EN 1866-1 standards.**
- ✓ High quality ensures **sturdy wheel base, easy manoeuvrability, and no malfunctions.**
- ✓ Ceasefire uses **superior quality rubber** to enhance mobility and easy handling without any glitches.
- ✓ **Superior quality powder coating** to eliminate chipping, flaking and rusting throughout the service life of the product.
- ✓ Ceasefire wheel base is **made to withstand a load of up to 150kg**, and checked for toppling when pushed or pulled by the hosepipe.



13. Mostly all important components are manufactured and integrated into our fire extinguisher at **our own production facility in Dehradun.** This completely backward-integrated facility has the **capacity to produce 4,80,000 extinguishers per annum.**

14. After assembly and pressurisation, **every single extinguisher undergoes two tests to check for leakages.**



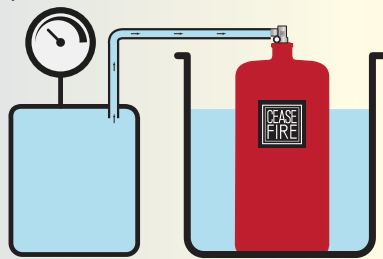
- ✓ **Inverted Beaker 24-hour Leak Test:** The extinguisher is submerged in a water tank with an inverted glass on top of the valve for 24 hours to test for any leakage. Any minor leakage results in tiny bubbles getting caught in the glass beaker after 24 hours.



WHY CEASEFIRE?

15. Before “OKAYING” an extinguisher, we conduct batch tests in addition to the above two tests, These tests include:

55 bar pressure



✓ Burst Test



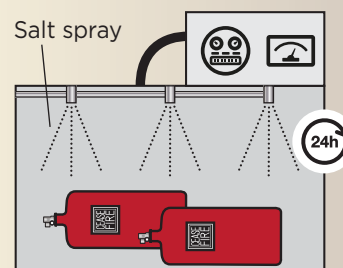
✓ Discharge Test



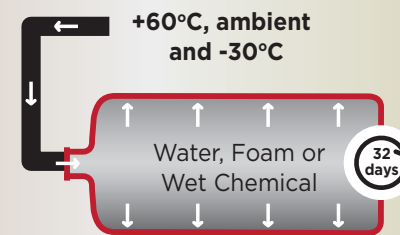
✓ Hosepipe Burst Pressure Test



✓ Temperature Fluctuation Test



✓ Corrosion Test



✓ Internal Corrosion Resistance Test



✓ Impact Resistance Test



✓ Vibration Resistance Test



✓ Lock Test



✓ Pressure Gauge Test

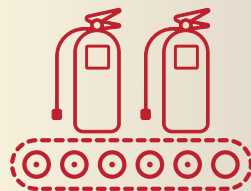


✓ Powder Flow Test

16. Global Certifications: Ceasefire has obtained **product quality certifications from multiple leading certification agencies across the globe.** Each of these agencies epitomise safety and performance standards, and have laid out some of the most stringent test criteria ever. Each agency's test criteria is unique and completely different from the other. **We passed them all!**



Tests at European Union-certified Labs



Factory Production Control (FPC)



Audits on After Sales Services



Market Checks



WHY CEASEFIRE?

Ceasefire's international product certifications today include:



BIS: The ultimate, all encompassing Indian test standards set to unique Indian conditions.



EN3: The small, portable extinguishers' test comprises of 10 progressively tough tests.



EN1866: This test is set for larger extinguishers, like wheeled extinguishers.



MED (Marine Equipment Directive): A benchmark certification for products to be used on ships, offshore oil rigs and other marine industries. This difficult certification guarantees that the extinguisher is capable of withstanding high salt and humidity.



PED (Pressure Equipment Directive): PED is one of the biggest European standards. It involves a specialised test that checks the extinguisher's pressure, welding, documentation and the manufacturing process of the product.



FPC (Factory Production Control): An essential part of the LPCB & BSI certification includes Factory Production Control. Besides



EN 1866 LPCB Cert ref. 13291

LPCB Horseshoe Mark: This is LPCB's main certification mark that's awarded to products which have all the above certifications in place.



Kite Mark: By British Standards Institution, it's awarded to products that have EN3, EN1866 and FPC certifications.



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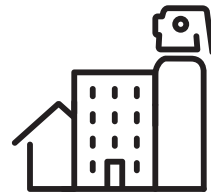
CEASEFIRE TO THE RESCUE



WHY CEASEFIRE?

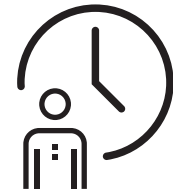


For over 25 years, Ceasefire has manufactured, tested and sold hundreds of thousands of extinguishers, without a single case of malfunction.



A Ceasefire product is sold

every
61
seconds



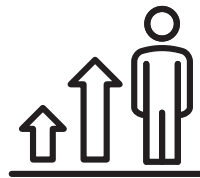
Ceasefire saves a life

every
5
minutes



A team of

2000
trained and
enthusiastic
professionals



3000

new customers to our list of

500,000
existing customers

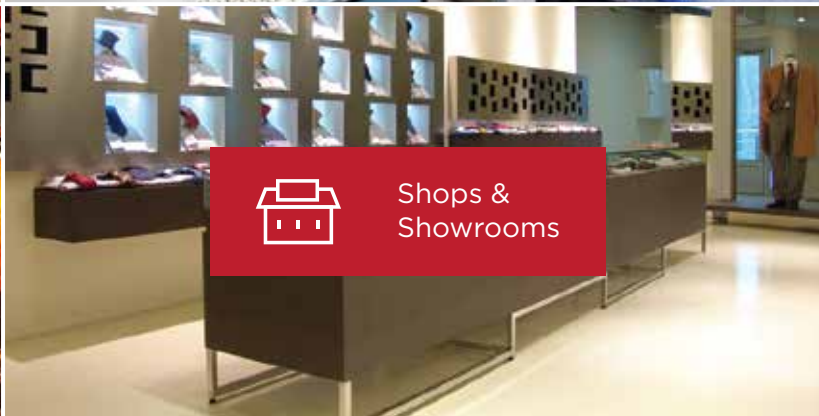
Our success comes from the quality of our products, and the trust they inspire in our customers.

We are one of the few companies who have negligible advertising and marketing budgets and still are one of the highest recalled and popular brands in the domain.

We instead prefer to put our funds towards developing new, cutting-edge technologies that save lives.



360° FIRE SOLUTIONS



Ceasefire is equipped to and ready to take on any fire the very moment it sparks. This means that in your time of need, you can rest assured that Ceasefire will come to your rescue.



WHY CEASEFIRE?



**EASE
FIRE**

WHEEL MOUNTED DRY POWDER
EXTINGUISHER CARTRIDGE TYPE 50 KG

**FIRE
RATING
A, B, C**

INSTRUCTIONS

1. PULL OUT THE SAFETY PIN
2. AIM NOZZLE AT THE BASE OF FIRE AND OPEN THE BALL VALVE
3. AIM NOZZLE AT THE BASE OF FIRE AND OPEN THE BALL VALVE

FOR USE ON FIRES INVOLVING:

- A** SOLID FUELS
- B** FLAMMABLE LIQUIDS
- C** ELECTRICAL FIRES

50 KG ABC POWDER MAP 50 (CARTRIDGE TYPE)
TESTED TO 20 BAR
WORKING PRESSURE - 15 BAR (APPROX)
DESIGN PRESSURE - 30 BAR
OPERATING RANGE - 0°C TO +50°C
CAPACITY OF GAS CHARGED 1.17A
FILLING FACTOR 0.433
GROSS MASS 127.00 TO 130.00 KG
NET MASS 50.00 TO 52.00 KG

AMUL 50
CF-501710

50 KG ABC POWDER MAP 50

**EASE
FIRE**

50 KG ABC POWDER
CF MAP 50



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