

Services Of Bikash Kumar Das & Co.

1. Fire Extinguishers

At Bikash Kumar Das & Co., we are dedicated to providing top-notch fire safety services, including a comprehensive range of fire extinguishers. Our wide selection of extinguishers ensures that you have the most effective equipment to combat fires in various situations. Take a closer look at our diverse range of fire extinguishers:

ABC Multipurpose Type Fire Extinguisher

Our ABC fire extinguishers are true all-rounders when it comes to fire suppression. They are highly versatile and can effectively tackle fires in class A, B, and C hazards. These hazards include ordinary combustibles like wood, paper, cloth (class A), flammable liquids and gases such as gasoline, oil, and propane (class B), and energized electrical equipment (class C). With their compact design and user-friendly instructions, our ABC fire extinguishers are suitable for use in a wide range of environments, including homes, offices, schools, and industrial settings.

Available sizes:

- 1 kg: Compact and lightweight, ideal for small fires or for easy portability.
- 2 kg: Provides greater extinguishing power while still maintaining a manageable size.
- 4 kg: A versatile option for moderate-sized fires and areas with higher fire risks.
- 9 kg: Suitable for larger spaces or higher fire hazards, providing extended firefighting capability.
- 25 kg: Heavy-duty extinguisher for industrial settings or areas with significant fire risks.
- 50 kg: Designed for specialized industrial applications, offering substantial firefighting capacity.
- 75 kg: Heavy-duty extinguisher with a high-volume capacity, ideal for large industrial facilities or high-risk areas.

CO2 Type Fire Extinguisher

Our CO2 fire extinguishers are specifically designed to combat fires involving flammable liquids and electrical equipment. They utilize carbon dioxide (CO2) gas to suppress fires by displacing oxygen, effectively suffocating the flames. CO2 extinguishers are highly effective and safe to use around electrical equipment, as they are non-conductive and leave no residue. They are widely used in offices, server rooms, laboratories, and other areas where there is a risk of electrical fires.

Available sizes:

- 2 kg: Compact and portable, suitable for small offices or areas with limited space.
- 4.5 kg: Provides a higher capacity for fire suppression in medium-sized spaces or higher fire risks.
- 6.5 kg: Ideal for larger offices, server rooms, or areas with a moderate risk of flammable liquid or electrical fires.
- 9 kg: Offers extended firefighting capability for larger spaces or higher fire hazards.
- 22.5 kg: Heavy-duty CO2 extinguisher designed for industrial applications or areas with significant fire risks.

BC Type Fire Extinguisher

Our BC fire extinguishers are effective in suppressing fires involving flammable liquids and energized electrical equipment. They utilize a dry chemical powder, such as sodium bicarbonate or potassium bicarbonate, to smother the flames and interrupt the combustion process. BC extinguishers are compact, versatile, and suitable for use in homes, offices, and industrial settings.

Available sizes:

- 6 kg: Compact and easy to handle, suitable for small to medium-sized fires.
- 9 kg: Provides increased firefighting capacity for larger spaces or higher fire risks.
- 25 kg: Heavy-duty extinguisher for industrial settings or areas with significant fire hazards.
- 50 kg: Designed for specialized industrial applications, offering substantial firefighting capability.
- 75 kg: Heavy-duty extinguisher with a high-volume capacity, ideal for large industrial facilities or high-risk areas.
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AFFF (FOAM) Fire Extinguisher

Our AFFF (Aqueous Film-Forming Foam) fire extinguishers are specially designed to combat fires involving flammable liquids such as gasoline, oil, and solvents. They create a foam blanket on the surface of the fire, separating it from the oxygen supply and effectively extinguishing the flames. AFFF extinguishers are commonly used in industrial settings, fueling stations, chemical storage areas, and locations where flammable liquid fires are a potential risk.

Available sizes:

- 9 liters: Compact and portable, suitable for small to medium-sized flammable liquid fires.
- 50 liters: Provides a higher capacity for extinguishing larger flammable liquid fires.
- 150 liters: Heavy-duty extinguisher for industrial applications or areas with significant flammable liquid fire risks.

Clean Agent Fire Extinguisher

Our clean agent fire extinguishers are highly effective in suppressing fires without leaving any residue or causing damage to the protected area. They utilize non-conductive and environmentally friendly extinguishing agents, such as halon alternatives or gaseous agents. Clean agent extinguishers are ideal for sensitive environments like data centers, server rooms, museums, and areas where cleanup and damage prevention are crucial.

Modular Type Fire Extinguisher

Our modular fire extinguishers offer a flexible and customizable approach to fire protection. They consist of individual modules that can be combined to create a tailored fire suppression system. With modular extinguishers, you can configure the system to suit specific hazards and provide efficient and effective fire suppression capabilities. They are commonly used in industrial and commercial settings where flexibility and adaptability are crucial.

Available sizes:

- 5 kg: Compact and modular unit for smaller fire protection needs.
- 10 kg: Provides increased capacity and flexibility for medium-sized fire hazards.
- 15 kg: Heavy-duty modular extinguisher for larger industrial settings or high-risk areas.

K Type Fire Extinguisher

Our K type fire extinguishers are specifically designed for commercial kitchens and food service areas. They are highly effective in combating fires caused by flammable cooking oils, greases, and fats. The extinguisher utilizes a wet chemical agent that creates a chemical reaction, forming a soapy foam. This foam suppresses the fire, cools the cooking surface, and helps prevent re-ignition, making it ideal for kitchen environments.

Ensure the safety of your premises with our high-quality fire extinguishers. Contact Bikash Kumar Das & Co. today to discuss your fire safety needs and receive expert guidance on selecting the right extinguisher for your specific requirements.

2. Maintenance of Fire Extinguishers

At Bikash Kumar Das & Co., we understand the importance of maintaining your fire extinguishers to ensure their proper functioning in case of emergencies. Our expert team offers comprehensive fire extinguisher maintenance services to keep your extinguishers in optimal condition. Regular maintenance is crucial to ensure that your extinguishers are ready to perform effectively when needed. Here's what our maintenance service entails:

Annual Maintenance

We recommend scheduling an annual maintenance service for all fire extinguishers. Our skilled technicians will thoroughly inspect each extinguisher, checking for any signs of damage, leaks, or malfunction. We will also ensure that the pressure levels and extinguishing agents are within the required specifications. Any necessary adjustments or repairs will be promptly addressed during the maintenance process.

Testing and Certification

As part of our maintenance service, we conduct rigorous testing to verify the functionality of your fire extinguishers. Our technicians will discharge a small amount of extinguishing agent to ensure proper discharge and pressure levels. This testing procedure ensures that your extinguishers are capable of effectively suppressing fires when needed.

After completing the maintenance and testing process, we will provide you with a certification document, indicating that your fire extinguishers have been professionally inspected, tested, and are in compliance with safety regulations. This certification is essential for regulatory compliance and insurance purposes.

Emergency Service

In addition to routine maintenance, we understand that emergencies can happen at any time. If you encounter any issues or concerns with your fire extinguishers between scheduled maintenance visits, our emergency service team is available to assist you. Simply reach out to us, and our technicians will promptly address the situation, ensuring that your fire extinguishers are in proper working order.

Why Choose Our Maintenance Service?

- **Expertise:** Our team of skilled technicians has extensive knowledge and experience in fire extinguisher maintenance, ensuring that your extinguishers receive the highest level of care and attention.
- **Compliance:** Our maintenance service ensures that your fire extinguishers meet safety standards and regulatory requirements, keeping you in compliance with fire safety regulations.
- **Peace of Mind:** With regular maintenance, you can have peace of mind knowing that your fire extinguishers are well-maintained and ready to effectively suppress fires.
- **Prompt Response:** We prioritize your safety and provide timely maintenance services, promptly addressing any issues or concerns that may arise.

Don't compromise on the effectiveness of your fire extinguishers. Contact Bikash Kumar Das & Co. today to schedule your annual fire extinguisher maintenance service and ensure the readiness of your fire safety equipment.

3. Fire Safety systems

At Bikash Kumar Das & Co., we specialize in the installation and maintenance of advanced fire safety systems. Our expertise extends to the following fire safety systems:

1. Installation and Maintenance of Fire Hydrant Systems

Fire hydrant systems are crucial for effective firefighting operations in various settings, **including hospitals, hotels, commercial malls, and residential apartments**. Our experienced team offers professional installation and regular maintenance services for fire hydrant systems. Key features of our service include:

- Design and installation of underground pipes, valves, and hydrants strategically positioned throughout the premises.
- Connection to a reliable water source, such as a municipal supply or dedicated water storage tanks.
- Maintenance of adequate water pressure to ensure immediate and effective firefighting response.
- Inspection and testing of hydrants, valves, and controls to ensure proper functioning.
- Regular maintenance to prevent clogging, leakage, or any other issues that may hinder the system's performance.
- Compliance with relevant safety regulations and standards.

We understand the critical role that fire hydrant systems play in fire protection and are committed to ensuring their optimal operation for the safety of your premises and occupants.

2. Installation and Maintenance of Integrated Charged Pipeline Networks

In industrial settings, an integrated charged pipeline network is essential to provide comprehensive fire protection capabilities. Our specialized services cover the installation and maintenance of these networks for both light and heavy industries. Key aspects of our service include:

- Customized design and installation of a pipeline network tailored to the specific needs of your facility.
- Integration with dedicated water supplies or specialized fire suppressant storage to ensure immediate access to firefighting agents.
- Incorporation of valves and controls for selective activation and regulation of firefighting agents.
- Integration with fire detection systems for early fire identification and automatic activation of the pipeline network.
- Regular maintenance, including inspection, testing, and cleaning, to ensure the reliability and functionality of the system.
- Compliance with industry standards and safety regulations.

By choosing our services, you can enhance the fire safety measures of your industrial facility, safeguarding your personnel, assets, and infrastructure from fire incidents.

Trust Bikash Kumar Das & Co. for Reliable Fire Safety Systems

With our expertise and commitment to excellence, Bikash Kumar Das & Co. is your trusted partner for the installation and maintenance of advanced fire safety systems. Contact us today to discuss your specific requirements and ensure the highest level of fire protection for your premises.

4. Fire Detection and Suppression Systems

At Bikash Kumar Das & Co., we offer comprehensive services for the installation and maintenance of advanced fire detection and suppression systems. Our expertise extends to the following systems:

1. Installation and Maintenance of Fire Detectors and Alarm Systems

We provide professional installation and regular maintenance for various types of fire detectors and alarm systems. Our services include:

- **Ionization Smoke Detectors:** Ideal for fast-flaming fires and commonly used in residential settings.
- **Photoelectric Smoke Detectors:** Responsive to slow-smoldering fires and suitable for residential and commercial applications.
- **Heat Detectors:** Designed to respond to temperature changes or excessive heat, making them ideal for areas prone to false alarms, such as garages or kitchens.
- **Flame Detectors:** Capable of sensing the ultraviolet (UV) or infrared (IR) light emitted by flames, commonly used in industrial environments or high-risk fire hazard areas.

- **Carbon Monoxide (CO) Detectors:** Essential for detecting the presence of deadly carbon monoxide gas, produced by incomplete combustion, in residential settings.
- **Gas Detectors:** Used to detect specific flammable gases, such as methane or propane, in commercial and industrial settings.
- **Flame and Gas Detectors:** Combine flame and gas detection capabilities to provide comprehensive fire detection and prevention in industrial environments.

Our expert technicians will install these detectors strategically to ensure maximum coverage and functionality. Regular maintenance and testing are conducted to ensure their proper operation and reliability in detecting potential fire incidents.

2. Installation and Maintenance of Fire Suppression Systems

We specialize in the installation and maintenance of advanced fire suppression systems that include:

- **Sprinkler Systems:** These widely used systems consist of a network of pipes with sprinkler heads that activate when a predetermined temperature threshold is exceeded. Water is released to suppress or extinguish the fire.
- **Gaseous Suppression Systems:** Utilizing clean agents or inert gases such as FM-200, Novec 1230, or CO₂, these systems suppress fires by reducing oxygen levels or inhibiting the chemical reaction required for combustion. They are commonly employed in areas where water-based systems may cause damage or in environments with sensitive equipment.
- **Foam Systems:** Foam-based systems create a blanket over the fire, separating it from oxygen and suppressing flammable vapors. They are effective for extinguishing flammable liquid fires and commonly used in industrial settings, airports, and fuel storage facilities.
- **Chemical Powder Systems:** These systems use dry chemical agents, such as ABC powder, to interrupt the chemical reaction and extinguish fires. They are versatile and suitable for combating various fire types, including flammable liquids and electrical fires.
- **Water Mist Systems:** Water mist systems discharge a fine mist of water droplets to cool and suffocate the fire. They are effective in suppressing fires in areas where water damage needs to be minimized, such as server rooms, museums, and hospitals.

Our team will assess your specific requirements and design a customized fire suppression system that aligns with your facility's needs. Regular maintenance and inspections will be conducted to ensure that the systems are functioning optimally and are ready to respond to fire incidents effectively.

Trust Bikash Kumar Das & Co. for reliable and efficient fire detection and suppression systems that prioritize the safety of your premises and occupants. Contact us today to discuss your requirements and ensure the highest level of fire protection.

5. Fire Safety Training

At Bikash Kumar Das & Co., we understand the importance of fire safety training in preventing and effectively responding to fire incidents. Our comprehensive fire safety training programs are designed to equip individuals and organizations with the knowledge and skills necessary to mitigate fire risks and ensure the safety of personnel and property. Our training services include:

1. **Fire Safety Awareness Training:** This training program is suitable for all individuals and provides a general understanding of fire safety principles, including fire prevention, identification of fire hazards, and evacuation procedures. Participants will learn about fire extinguisher types and usage, emergency response protocols, and best practices for fire safety in various settings.
2. **Fire Warden Training:** Our fire warden training is specifically designed for individuals designated as fire wardens or those responsible for fire safety in their organizations. The program covers advanced topics such as fire risk assessment, fire emergency planning, fire detection systems, evacuation strategies, and communication during emergencies. Participants will gain practical skills in conducting fire drills, managing evacuations, and coordinating with emergency services.
3. **Fire Extinguisher Training:** This hands-on training program focuses on the proper handling and use of fire extinguishers. Participants will learn about different types of fire extinguishers, their suitable applications, and practical techniques for extinguishing small fires effectively. Our experienced instructors will guide participants through simulated fire scenarios, ensuring they develop confidence and proficiency in using fire extinguishers.
4. **Evacuation Drills and Emergency Response Training:** We conduct realistic evacuation drills tailored to your organization's premises and requirements. These drills simulate emergency situations, allowing participants to practice evacuation procedures, familiarize themselves with emergency exits, and understand the importance of calm and orderly evacuation. Additionally, our emergency response training covers communication protocols, assembly point management, and post-evacuation procedures.
5. **Specialized Training Programs:** We also offer specialized training programs tailored to specific industries and settings, such as healthcare facilities, hospitality establishments, industrial sites, and educational institutions. These programs address industry-specific fire safety challenges, compliance with regulations, and best practices for fire prevention and response.

Our training programs are conducted by experienced fire safety professionals who possess in-depth knowledge of fire safety standards and procedures. We prioritize interactive and engaging training sessions that combine theoretical knowledge with practical exercises to ensure participants gain a comprehensive understanding of fire safety practices.

Investing in fire safety training demonstrates a commitment to the well-being of your personnel and the protection of your assets. Contact Bikash Kumar Das & Co. today to discuss your fire safety training needs and schedule a customized training program tailored to your organization's requirements.