The TOTAL SAFETY Difference

SAFETY. EVERYWHERE.

TOTAL SAFETY®
When it comes to dangerous or hazardous conditions, no matter what industry you are in or where you are in the world, you can count on Total Safety to keep your employees, neighbors and the environment safe.

Experience The **TOTAL SAFETY** Difference

When it comes to dangerous or hazardous conditions, no matter what industry you are in or where you are in the world, you can count on Total Safety to keep your employees, neighbors and the environment safe.

**Safety. Everywhere.**

Headquartered in Houston, Texas, with offices around the world, Total Safety has the people and solutions to deliver the best industrial safety services and equipment, tailored to your specific business needs.

Total Safety is the unmatched global leader in providing integrated compliance solutions that **ensure the safe Wellbeing of Workers Worldwide (W3)**. With more than seven million hours committed to worker safety each year, we deliver unmatched mitigation of risk and operating cost reductions without compromise.

**Safety is our DNA.**

Total Safety was formed December 1994 to serve the industrial safety needs of the oil and gas industry. Over the years, our company has transformed itself through internal growth and 25 acquisitions to become the industry leader with a comprehensive array of industrial safety services in a variety of end markets.

Today we are the world’s leading global provider of integrated safety services, strategies and equipment for hazardous environments. We not only deliver complete, cost-effective safety service solutions, but we also have the resources and the support to back it up.
Managing Tough Safety Environments

Tough safety challenges? Look no further. Total Safety is dedicated to protecting workers in high-risk jobs. Afterall, every employee at Total Safety is committed to our mission – \textit{W³...to ensure the safe Wellbeing of Workers worldwide}^{SM}

Our work takes us to chemical plants, refineries, offshore rigs, shale plays, pipelines, tank batteries, mining operations, steel mills, laboratories and manufacturers in challenging locations around the world.

Total Safety stands above the rest as the top safety performer and has been named one of America’s Safest Companies by EHS Today magazine – making Total Safety the only dedicated safety company to ever achieve that honor.
Around the world, in remote deserts and deep undersea, workers in upstream oil and gas search for, recover and produce the crude oil and natural gas that helps keep our world moving. It can be very rewarding work but with those rewards, comes risk. The exploration and production of oil and gas is certainly one of those areas. Whether your concerns are H₂S detection, fire prevention, gas flaring, fall protection and rescue, cooling or heating stations, specialized safety personnel, training or medical services – we have what it takes to manage all your high risk safety needs.

At any time of the day or night, you will find Total Safety personnel serving on hundreds of onshore and offshore rigs around the world.

Upstream Safety Solutions

We rely on the midstream sector to ensure the transportation of oil and gas to refineries and distributors. This critical aspect of the oil and gas value chain presents many risks to the safety of the midstream workers that manage it and to the communities it passes through.

When it comes to gas detection, GPS-monitored tank battery inspections, centralized confined space monitoring for pipeline and tank maintenance, or flare design and installation, we are there to deliver specialized equipment, personnel and services that will help you manage risk and cost while safeguarding your workers and the communities you touch.

Midstream Safety Solutions
Over the past year, Total Safety’s scale, coverage and full ownership of our cutting-edge solutions made us the vendor of choice for hundreds of turnarounds globally.

**We are the turnaround experts.** We partner on approximately 150 turnarounds per year globally.

What did many of these projects have in common? They benefitted from our unique solutions such as centralized confined space monitoring, GPS sensored inspections, smart compressors, specialized badging systems and gates, high-pressure loop systems, and portable, self-erecting flares, to name a few.

Our safety rental fleet is the largest diversified fleet in the industry providing over 110,000 pieces of technical safety equipment that can be tracked at a moment’s notice. Plus, we are a certified repair center for all of the major safety equipment manufacturers with expertise in 172,000 safety equipment assets.

Total Safety’s expertise goes beyond the oil and gas industry. You will find our experts hard at work in mining, steel manufacturing, chemical plants, power plants, medical labs, military, government, and much more. Wherever safety is paramount, Total Safety has the knowledge and experience to secure the safe wellbeing of workers.

We are passionate about safety and about ensuring that everyone gets home to their families at the end of every shift. In any industry where workers lives are at stake, Total Safety experts can show you how to reduce risk through engineering, design, training and monitoring. When there is need to take action, we can be there to help ensure that prompt response and rescue minimize the threat to lives, property and the environment.

**Downstream Safety Solutions**

**Industrial, Mining and Other Safety Solutions**
The most demanding and sophisticated global energy, chemical and service companies trust Total Safety to manage the toughest safety challenges in the world. They rely on us for our strong balance sheet and our contribution to the reduction of liability. Our dedicated liability coverage allows us to give our customers a level of security that is rare among contractors.

Our key customer retention rate is exemplary. This makes us all feel good about our performance and the great value we bring to those who rely on us to keep their employees, communities and environment safe.
Award-Winning Service Solutions

When all is said and done, there is no higher honor than to be recognized by our clients. Total Safety receives dozens of awards from our peers and customers every year. In fact, over the past two years we have received four times more nationally recognized safety awards than our closest known competitors.

We are grateful that our work is recognized, but our biggest award – the one that we work for every day – is knowing that our customers trust us to keep their employees, and ours, safe and healthy.

Safety. Everywhere.

In the end, there is nothing more important than ensuring that every employee at our client locations gets home safe at the close of business. We have a special way of reminding ourselves of our daily goal. Our employees take this so seriously, they even wrote and signed the Total Safety HEROES℠ Covenant.

We aim to consistently prove to each of our customers that we are their partner in safety and operational success. The best minds in safety are here, working hard to refine and deliver best practices that are the most innovative and cost effective in the world.

Let us tailor a safety solution for your operations that will show positive results for many years to come.
Turnaround and Shutdown Services

Total Safety offers a menu of proven strategic turnaround services for every scenario that can improve plant and refinery safety, decrease turnaround periods, and lower costs at any location.

Solutions and regulations may vary per region! Please get in touch with your local Total Safety advisor for more information.

Our expert turnaround services include:

- Rental equipment for respiratory protection, gas detection, fall protection, personal protection, confined space entry and communications.
- Breathing air services.
- Trained onsite technicians to support maintenance, calibration, cleaning and tracking of equipment.
- Respiratory fit testing.
- Safety supplies (PPE).
- Safety attendants and safety technicians.
- Scheduling of people and resources.
- Archived database of activity, cost and equipment.
- Turnaround best practices.

By using Total Safety’s expert services during your start-ups and turnarounds, you can improve safety compliance, quality control and accountability; have round-the-clock access to equipment and trained personnel; achieve maximum asset utilization; reduce initial capital investment; and reduce administrative burden.

Quality Pipe Marking

Pipe Markers based on the Piping and Instrumentation Diagrams (P&ID’s) of your plant in compliant colour coding, combined with flow direction and safety symbols enable industry professionals to see pipe content and get insight on how your plant works in the blink of an eye.

Total Safety and Brady together bring you the best identification materials and on-site expertise combined in a complete, compliant and safe pipe marking offer.
In-Plant Service Center - Services and Equipment

Let us help you set award-winning safety records and lower your cost of operations with a Total Safety In-Plant Service Center at your facility. We are on site day and night with full-time, trained technicians providing complete safety services to support your needs.

Solutions and regulations may vary per region! Please get in touch with your local Total Safety advisor for more information.

In-Plant Service Center

With Total Safety’s exclusive In-Plant Service Centers (IPSCs), our full-time, trained technicians can be on site, day or night, providing integrated safety services to support specific requirements to improve efficiency and minimize cost.

By implementing an IPSC at your location, you can expect to lower costs significantly and post safety records that are significantly better than the industry average.

A Total Safety In-Plant Service Center can offer:

- Advanced planning of safety practices and determination of needs.
- Supply of rental equipment needed to accommodate owners and contractors.
- Inspection and maintenance of existing safety equipment for performance and compliance.
- Distribution of safety instruments and any necessary equipment training.
- Rental of specialty/high cap-ex items and services.
- Auditing of contractor and in-house staff safety practices.
- Fire, gas and respiratory inspection and compliance.

Our Safety Shops are an important part of our exclusive In-Plant Service Centers, or IPSCs for short. We make sure our full-time, trained technicians are ready to come to your site, day or night.

We have successfully implemented our IPSC solutions on several large refineries and petrochemical plants throughout the world.
It is Total Safety’s goal to consistently review and improve the equipment, technology and processes that support an incident-free work environment, help ensure compliance and keep your business operating efficiently at all times. Total Safety maintains one of the largest, globally-deployed fleets of safety-related industrial equipment in the world.

Solutions and regulations may vary per region! Please get in touch with your local Total Safety advisor for more information.

Industrial Safety Equipment & Technologies

We know how critical top-quality equipment is to your health, safety and environmental success so we have developed strong partnerships with the very best manufacturers in the business to compliment our expert services. Whether you are fulfilling temporary needs with rental equipment or looking to purchase equipment for longer term solutions, our equipment and engineering experts are here to guide you. Plus, when you work with Total Safety, our top-notch procurement team is working on your behalf leveraging our size and product scope to get you the best products at the best prices.

Smart Inspections Deliver the Data

Smart Inspections manage the regulatory inspection process electronically, delivering overall improvement in accountability, accuracy, and reliability. All reports are stored in the cloud for instant recall as needed for managing discrepancies and passing audits.

Our mobile device scanner:

- Allows for one time data entry.
- Provides proof of inspection through electronic reports.
- Maintains records of inspection for auditing purposes.
- Assists in non-compliance prioritization and time to resolution.
- Creates electronic scheduling for future inspections.

Inspections are conducted using a handheld computer to track all aspects of the required inspections for any piece of safety equipment. All inspections are performed according to the manufacturer’s recommendations and follow all state and federal requirements. Our technicians also have the ability with this system to take pictures if requested. These pictures are then included with the report for easy discrepancy identification.

Total Safety Smart Inspections can be used for all compliance inspections including remote tank batteries.
Centralized Confined Space Monitoring (CCSM)

Increase worker safety by utilizing our patented Total Safety Centralized Confined Space Monitoring™ system as a supplement to your existing space entry procedures. CCSM includes an innovative and user-friendly risk control process to employ dedicated equipment combined with trained safety operators and technicians. Each system uses five types of technology to ensure the safety of your workers including access badge reader technology, fixed gas monitoring, closed-circuit cameras, audible and visual alarms and push-to-talk communications.

With this real-time technology, the control center continually identifies workers within the space, maintains a visual and a clear line of communication, monitors the atmosphere for toxic or dangerous gases, and delivers appropriate alarms if an incident occurs.

The centralized control center:
- Utilizes visualization software to centralize, analyze and report all incoming data through one video wall and two system servers.
- Provides continuous monitoring of the confined space(s) by trained personnel.
- Completes checklists to verify work permits, required personal protective equipment (PPE) and potential atmospheric hazards.
- Projects clear and visible alarm conditions and status.
- Receives visual and audible alarms via pop-ups in case of incoming calls.

Other Safety Technologies
- **Vending Solutions** | Unmanned automated management of your equipment 24/7
- **Gating Solutions** | Temporary Access Control
- **Inspection BodyCam** | Body-worn video-recording system
- **Spider MK3** | Mobile gas detection
- **Gas Leak Detection** | Inspecting natural gas networks
- ...

Total Safety has long focused on ‘technological safety solutions’ in specific niche markets, and we are characterised by our innovative market approach and cutting edge services. With rising costs and increased pressure within industry, we have developed market leading products to allow greater safety at a lower price.
Respiratory Protection - Rental, Sales and Services

For industrial respiratory protection services and equipment that you can trust, look to Total Safety. We offer a complete line of industrial, land-based and offshore respiratory protection and breathing air services and equipment for rent or purchase.

Solutions and regulations may vary per region! Please get in touch with your local Total Safety advisor for more information.

Only Total Safety has the people, programs and processes to ensure the industry’s most reliable respiratory protection for your operation. We tailor our capabilities as an industry leader in respiratory protection around your unique business and operational dynamics to:

- Optimize your investment in respiratory equipment through rental or sales.
- Deliver unsurpassed quality of service and repair.
- Provide testing and compliance support you can trust.
- Eliminate respiratory bottlenecks during turnarounds.

Total Safety provides top quality respiratory equipment for rent or sale and unmatched service to keep your people safe and your operations profitable worldwide.

Fixed Breathing Air Systems

Total Safety’s fixed breathing air systems are custom designed to provide breathing air for multiple users at fixed locations around the facility. Our breathing air systems provide safer working environments, reduce lost time, increase efficiency, improve utilization, reduce manpower, reduce hardware requirements, reduce standby personnel, and standardize breathing air equipment.

Let Total Safety create the ideal respiratory environment for your workers.

Long Duration Breathing Air Trailers (BAT)

Total Safety’s Long Duration Breathing Air Trailers have set the standard in safety and performance. Our BATs are the most trusted and reliable solution for long duration work and breathing apparatus. Each air trailer features our user-friendly distribution control panel which allows up to four users to breathe simultaneously from the air trailer.

Face Fit Testing

Total Safety provides an on-site and offshore service to carry out your face fit testing requirements. Our safety experts will conduct a professional service to carry out face fit testing in line with the manufacturers guidelines, providing a certificate for the user after each test is successfully completed. A durable plastic credit card style card will also be provided for each user in order to allow them to show which mask they have successfully been fit tested in.
Gas Detection - Rental, Sales and Services

Total Safety has the world’s largest fleet of gas detection and monitoring systems in the upstream, mid-stream, downstream and mining industries.

Solutions and regulations may vary per region! Please get in touch with your local Total Safety advisor for more information.

Gas Detection and Monitoring Services

Only Total Safety has the people, programs and processes to deliver the industry’s best safety equipment and gas detection instrumentation to your operation. Total Safety provides the top quality equipment and unprecedented support you need to keep your people safe and your operations profitable. Our gas detection solutions include:

- Rental and sales services (all major manufacturers of fixed and portable gas detection).
- Single-gas monitors.
- Multi-gas monitors.
- Photo-ionization detectors (PIDs).
- Flame-ionization detectors (FIDs).
- Air sampling pumps and monitors.
- Pipeline emission monitoring.
- Fixed gas detection systems.
- Wireless gas detection systems.

With Total Safety’s gas detection solutions, you can rent premium equipment at a reasonable price; optimize your investment in safety equipment; get unsurpassed quality of service and repair; utilize testing and calibration support you trust; and minimize bottlenecks during turnarounds.
Fall Protection - Rental, Sales and Services

Total Safety’s fall protection services are fully customizable to meet your unique needs. Not only do we support your commitment to provide a safe work place for employees, we also help you to meet compliance challenges while staying within operational, budgetary and environmental constraints.

Solutions and regulations may vary per region! Please get in touch with your local Total Safety advisor for more information.

Fall Arrest and Protection Services and Systems

When looking for top-of-the-line fall arrest and protection services, Total Safety is top of the list. Our fall protection professionals can train your team at your location on safe height execution. Our skilled technicians administer personal protective equipment (PPE) workshops designed around your specific requirements.

All fall protection devices must be regularly inspected and equipment visually inspected before each and every use. To ensure that your fall protection meets safety and compliance regulation requirements, Total Safety’s inspection services include comprehensive testing and inspection of all your fall protection gear. Total Safety also trains users on how to visually check equipment for signs of wear and tear before each use.

Plus, our custom engineered fall protection systems offer the industry’s largest array of fall arrest equipment from top vendors, all manufactured with the highest quality materials to deliver safety, comfort and ease of use.

Total Safety gathers applicable information to assess your site and your workers’ needs. By gathering this information, our experts can determine what fall arrest equipment is needed for your particular site.
Wireless Solutions - Rental, Sales and Services

With Total Safety’s wireless solutions, you can increase safety by providing immediate communication in emergency situations and maximize productivity by allowing workers to communicate quickly during maintenance, shutdowns, turnarounds, training, rescue and emergency situations, bottle watch, fire watch and hole watch.

Solutions and regulations may vary per region! Please get in touch with your local Total Safety advisor for more information.

Industrial Communications Services and Systems

Total Safety offers industrial communications equipment and services to equip facilities with even the most stringent safety requirements (ATEX). With Total Safety’s wireless solutions, you can increase safety by providing immediate communication in emergency situations and maximize productivity by allowing workers to communicate quickly.

Total Safety’s industrial communications equipment is intrinsically safe and in compliance with local legal requirements, making it ideal for plants and refineries.

Total Safety sells, maintains and repairs emergency notification systems, large trunked plant communication systems, in-building antenna systems and amplifiers, and video camera systems. Wireless technicians are available for on-site or in-shop service, or you can have a Total Safety wireless technician report to your site daily as an employee outsource. Ensure compliance by adding a maintenance agreement covering your facility’s infrastructure and radio system subscriber fleet.

We service and support every product that we sell or rent – small or large – on-site, and we always provide the best solutions and latest innovations to meet all of your communications’ needs.
Total Safety is the recognized leader for fire protection solutions worldwide for a wide variety of industries. We are a full-service provider of fire protection engineering, design and installation services, as well as inspection, testing and maintenance services in 21 countries. Plus, our dedicated team of experts have an average of 25 years of experience.

**Solutions and regulations may vary per region! Please get in touch with your local Total Safety advisor for more information.**

## Fire Protection Inspection, Testing and Maintenance Services

Total Safety is your single-source provider for fire protection inspection, testing and maintenance (ITM). Our superior compliance services are provided by certified technicians.

- Deluge, water spray, vapor mitigation and sprinkler systems
- Hydrants, post indicator valves and fire monitors
- Fire pumps and fire apparatuses
- Fire hoses
- Fire trucks
- Fixed and portable fire extinguishers
- Smoke, flame and incipient fire detection
- Manual and remote controlled fixed monitor systems
- Emergency alarm and mass notification systems
- Combustible and toxic gas detection systems
- Clean agent fire suppression systems
- CO₂, dry chemical and foam-based fire suppression systems
Fire Protection - Rental, Sales and Services

Engineering, Design and Installation Services

Total Safety can also handle all of your fire protection engineering, design and installation services. Our fire safety experts include degreed engineers and NICET-certified designers who are recognized as leaders in the field of fire protection and safety engineering. Members of our in-house engineering staff have an average of 25 years of experience delivering successful projects throughout the Americas, Europe, Central and South America, the Middle East, Africa and Asia Pacific.

- Fire protection system evaluations.
- Preliminary through detailed engineering and design.
- Fire hazard analysis, including flammable liquid storage and production, and process and storage areas.
- Our mitigation studies, include toxic and combustible gas release modeling, design of mitigation systems, and code compliance consulting and interpretations.

Plus, our in-house fire protection registered professional engineers (P.E.) and certified designers maintain training and certifications from the National Institute for Certification in Engineering Technologies (NICET) including NICET Automatic Sprinkler System Layout, Levels I-IV; NICET Fire Alarm Systems, Levels I-IV; and NICET Special Hazards Suppression Systems, Levels I-III.

Three-Day Fire Protection Survey

Is your company self-performing fire protection services - including inspection, testing, maintenance, design or installation? Do you have a fire protection company that is delivering poor performance? Are you interested in finding an independent third-party fire protection evaluation for due diligence for known deficiencies? Total Safety’s Three-Day Fire Protection Survey just might be the perfect quick-turn, reduced cost option for your facility when you have already done the audit or inspection and just want to validate the results.
Total Safety has the people and processes to ensure that only the highest caliber of Specialized Safety Personnel (SSP) are assigned to your projects. Whether you rely on our Safety Technician or Safety Attendant Services (holewatch/firewatch/bottlewatch) Services, you can trust that our high standards increase safety and efficiency, and reduce your costs.

Solutions and regulations may vary per region! Please get in touch with your local Total Safety advisor for more information.

Our Safety Supervision Services are the Total Package

Total Safety’s supervisory capabilities include turnaround safety planning, writing confined space plans, developing LOTO and blinding plans/procedures, writing and issuing safety plans for high-risk work, atmospheric monitoring, daily field auditing of personnel and equipment, conducting safety meetings, investigating all accidents, incidents and near-misses, managing injury cases, training contractors on safety plans, and permit writing.

Safety Attendant Services

Total Safety provides a custom, web-based personnel management system designed to locate experienced employees with specific credentials and training.

Our individual human resources personnel are assigned to hire and train local, qualified employees for major projects.

Our field management, utilizing exclusive field procedures, ensure that each project runs safely and efficiently.

Safety Technician Services

At Total Safety, our safety technicians provide general field safety services that help supplement turnaround projects along with the daily site safety needs of our clients.

Our safety technicians are selected to meet the specific requirements and demands of the client and project. Our management team hand picks each technician that is best qualified, most experienced and specialized for each job.

Some of our Safety Profiles

- Safety Advisor (Level I & II)
- Project Coordinator
- Training Instructor
- Safety Walker®
- Gas Analyst
- Rescue Team
- Maintenance Technician
- CCSM Technician
- Breathing Air Technician
- Shop Coordinator
- Safety Supervisor / Planner
- Fire & Safety Guard
Training, Compliance & Certification

Total Safety provides both standard and customized industrial safety training and instruction for a broad range of workplace requirements. Our hands-on, no-compromise approach ensures your satisfaction and more importantly, your worker’s safety.

Solutions and regulations may vary per region! Please get in touch with your local Total Safety advisor for more information.

Industrial Training, Compliance and Certification

Our standard training classes provide instruction for typical and mandated safety requirements. Our certified instructors and hands-on approach ensures that your standards are met and your employees’ safety is secure. Our standard instructional formats include classroom lectures, audio-visual presentations, crisis simulations and seminars.

Standard safety training classes include:
- Fire & Safety Guard
- Respiratory Protection
- Gas Detection Training
- Breathing Apparatus
- Face Fit Testing
- Confined Space Entry
- Working on heights
- First Aid, CPR and AED Training
- ...

Some of our specialty training services include:
- General Safety
- Heat Stress
- Underground Rescues
- Crisis exercises | Hazard Recognition
- Custom Safety Classes
- ...

Solutions and regulations may vary per region! Please get in touch with your local Total Safety advisor for more information.
Industrial Hygiene

Health and safety in the workplace is one of the primary priorities for employers. A healthy and safe work environment improves staff productivity, boosts morale and reduces absenteeism. Total Safety can assist you with the management of occupational health and safety goals in your workplace resulting in growing productivity and decreasing corporate liabilities.

Environmental Site Assessment

Mitigation of environmental liabilities or the successful remediation of a contaminated site demands that all aspects of the property including its historical use, geology, surface and groundwater, future land and water use, and risks are understood, evaluated and integrated into a cost effective plan. Total Safety’s team has remediated many small to large, simple to complex sites in industrial, commercial, residential and remote areas. We have delivered successful projects to the industrial sector, including oil and gas and manufacturing; transportation projects for road and marine clients; as well as special studies and assistance to municipal, provincial and federal governments.

Hazardous Materials Risk Evaluation & Management

Total Safety’s professionals are experienced in identifying and dealing with hazardous materials in the workplace and can assist your team on identification, risk evaluation, handling, management and remediation of hazardous materials from a single substance to multi-substances in a complex large working environment.
Professional & Technical Personnel

Air Quality / Microbial Survey Investigation and Testing
Total Safety’s industrial hygienists, biologists, engineers and technicians can tailor indoor air quality and/or microbial investigations to satisfy your specific needs. The scope may vary from a basic evaluation in a specific location to a comprehensive building assessment.

Expert Witness & Council
Experts on Total Safety’s staff can interpret environmental and safety laws and regulations, perform actual work practice testing, advise attorneys on the strength or weakness of the information and assist in defining courses of action on residential, commercial and industrial operations.

Asbestos, Mold and other Critical Lab Services
Total Safety’s environmental laboratory services are focused on asbestos and fungi identification by microscopy. Our stringent quality management program involves external proficiency testing by the American Industrial Hygiene Association (bulk asbestos, asbestos air and fungal direct exam).
Total Safety’s capabilities in the area of environmental testing services, coupled with our expertise in risk assessment, work to address the health and safety concerns of your workplace and meet regulatory approvals. For more than a decade, Total Safety has been providing reliable, accurate, on-time and confidential analytical results in the lab and in remote sites.

Solutions and regulations may vary per region! Please get in touch with your local Total Safety advisor for more information.
Medical Management, Emergency Response and Rescue

Only Total Safety has the people, programs and processes to handle all of your medical needs. We can equip your organization with the industry’s best emergency response, rescue and emergency training services to keep your workers safe. No matter where you are in the world, onshore or offshore, our experts deliver the services you need to be prepared in an emergency.

Solutions and regulations may vary per region! Please get in touch with your local Total Safety advisor for more information.

Medical Management Services

Because every location requires both consistency and adaptability, Total Safety has created a unique, flexible model that can be adapted to fit each client, site, worker and location. Even remote locations are not a problem. Total Safety provides you with highly trained medical providers, medical packages and services tailored to fill in any service gaps.

Our paramedics are cross-trained in industrial safety, occupational health and advanced clinical skills.

Emergency Response Services

Total Safety Emergency Response Services includes the development of plans, delivery of training and plan management. Our emergency response services allow your company to put an emergency response plan in place to ensure the safety and health of your staff during critical emergency operations. Let us put our expertise to work on your behalf. We develop plans for natural disasters, fire, medical, rescue, oil spills, hazmat and more.

- **Professional services including** CIH support, consulting, oversight and data management; CSP support, consulting, oversight and data management; Project management and command center; Safety specialists; Medical management; and Safety training.
- **Environmental services including** Trained technicians; IH technicians; HAZWOPER trained technicians; Offshore water survival trained technicians.
Rescue Services

With Total Safety’s rescue services, you can:

- Protect your workers in emergency situations.
- Be prepared for necessary land-based and offshore rescue operations.
- Reduce liability and increase productivity.
- Ensure compliance with industrial emergency rescue operations.

Total Safety’s highly skilled rescue personnel provide services tailored to your unique needs, whether your operation is onshore or off. We can provide your site with qualified on-site Rescue/Standby teams for high angle rescue/above ground activities; confined space rescue; fall protection rescue; remote locations; and difficult work locations.

Industrial Rescue Services

Total Safety keeps your employees safe by offering industrial rescue services that emphasize crisis avoidance and emergency training and are tailored to your company’s specific needs. We also offer trained rescue personnel to advise you on all aspects of crisis avoidance and management.

Our industrial rescue services include emergency rescue teams; trained rescue personnel; rescue team training; land-based and offshore rescue; standby rescue; high angle rescue; confined space rescue; and safety and rescue equipment rental.

Total Safety offers industrial rescue programs for a broad spectrum of safety-related incidents like fall protection, H₂S protection, fire protection and more. Every rescue program can include site-specific contingency plans, industrial safety equipment rentals and sales, respiratory PFT and fit testing, and trained technicians.
Flare Services - Rental, Sales and Services

Our flare systems solutions are structured around proven and dependable ignition products that have more than 15 years in development and technological improvements.

Solutions and regulations may vary per region! Please get in touch with your local Total Safety advisor for more information.

Drilling and Well Testing Services

Total Safety provides flaring equipment and services for horizontal, under-balanced, H₂S, and high pressure drilling and well testing operations. We manufacture dependable, solid state 12/120-volt ignition systems, available with solar or electrical power options. Total Safety provides several fail safe ignition systems that have the capability of alerting rig personnel to the potential failure of the flare system.

For both drilling and well testing, we flare stacks in 4”, 6”, 8” and 12” sizes, in 30’ or 60’ in height. All of our flare stack skids are self-erecting by use of hydraulic cylinders. These stacks are the most efficient and safest in the industry. Most equipment packages include a single flare ignition system SureFire pilot or igniter, and twin fuel gas tanks with safety cage. We also provide fittings and valves with all flare line rentals.

We pride ourselves on our unique stack design, and with our proven ignition systems, we can make your next drilling or well testing operation a safe and economical one.

Permanent Flare Systems and Services

Total Safety can design and manufacture a wide variety of flare and ignition systems to meet your specific needs. With our proven, trouble-free ignition systems, you will be provided with years of dependable service.

Total Safety flare services can manufacture and design the following types of flare systems including horizontal and elevated flares; self-supporting or guyed; Derrick mounted; trailer or skid mounted; utility; air assisted; Sonic; steam assisted; mechanical; enclosed; gas assisted liquid; staged flares; and pit flares.
Flare Services - Inspections and Maintenance Services

Pipeline Blow Down and Flare Maintenance

When your pipeline or refinery is shut down and you have to clear a product line, time and money are crucial. With Total Safety’s unique procedures we can blow down most heavy products three times faster than our competition.

There are many benefits to letting Total Safety handle your pipeline blow down.

- Our Air Assist Flare Tip is designed to surpass industry requirements with a minimum 98.5 percent destruction efficiency rate while providing maximum air pressure for flaring virtually any type of pipeline product.
- This one-of-a-kind air assist tip ensures smokeless flaring at high exit velocities with low heat radiation due to our rental flares being 60’ or 100’ tall.
- If you have an emergency or need to schedule routine maintenance and repairs, our experienced staff is on hand 24 hours a day to answer all your needs.

Portable and Temporary Flares

Total Safety offers portable, self-guyed flare stacks and ignition systems to the pipeline industry and petrochemical plants during scheduled turn-a-rounds or emergency repairs and maintenance. The capabilities of our flare systems range from low to extremely high exit velocities. Our portable flare stacks have a small footprint and the dependable twin ignition systems are fuel efficient and easy to operate. When we install our flare line on each job it is hard piped (no hoses) and pressure tested with nitrogen.

Total Safety also offers high BTU enclosed rentals flares for rack stations, storage tanks, plant vessels and waste disposal facilities.

Flare Inspections Including Unmanned Aerial Systems

Total Safety has Federal Aviation Association regulatory exemption for commercial use of unmanned aircraft systems (UAS) – small drones – for operations involving the inspection of flare stacks and more.

Some of the advantages of unmanned aerial-assisted flare inspections include mechanical inspections with no downtime or temporary flares; reduce liability associated with flare inspections; reduce resources and employee hours; improve visual captures of mechanical integrity; create real-time record for regulatory compliance; get 360-degree view of your flare stack; increase accuracy of your inspection; dramatically decrease the amount of time require for traditional flare inspections.
...to ensure the safe Wellbeing of Workers Worldwide (W3).SM