



## DESIGN SERVICES



### Need Reliable, Responsible Design Services? Call the Best Minds in the Business!

Only Total Safety has the people, programs and processes to deliver the best systems design services in the industry. We have the extensive in-house capabilities to survey potentially hazardous environments, and provide custom systems to suit your specific needs that comply with applicable codes and regulations. We also fabricate, install and maintain these systems and administer the necessary training for safe and proper operation.

#### Protection Built Around Your Needs

Total Safety provides turnkey, custom design services for the following designed systems:

- **Fire and gas systems** – addressable systems to monitor smoke and heat detectors, gas detection systems that perform ancillary and auxiliary functions and more
- **Clean agent suppression systems** – design and installation of FM-200, FE-13, dry chemical and modification of existing Halon 1301 systems and environmentally friendly fire suppression agents
- **Foam systems** – AFFF foam systems for the protection of chemical storage tanks, heliports and other hazards
- **Fire water pumps** – design, installation and service of fire water pumps and associated system needs
- **Gas detection systems** – fixed, wireless and addressable systems and rental service for land-based or offshore drilling rigs and production platforms
- **Inerting systems** – low-pressure carbon dioxide systems for inerting purposes on tankers and for large frame turbines
- **Paging and alarm systems** – design, installation and service of paging and alarm systems, including rig talk back, crane paging and page party systems, for offshore drilling rig applications, production facilities and land-based refineries
- **CCTV systems** – design, installation and service of closed circuit television systems and thermal imaging cameras
- **Custom fabrication** – custom equipment, such as skid mounted foam tanks, firewater monitor skids, CO<sub>2</sub> skids and custom cylinder racks and trailers
- **Sprinkler and deluge systems** – design and installation of wet pipe sprinkler systems, deluge systems and water mist systems in a variety of applications



The Best Minds in the Business!

# TOTAL CAPABILITIES

Total Safety's design services utilize and represent numerous manufacturers, including:

- Amerex
- Ansul
- Detcon
- Gai-Tronics
- Kidde Fire Systems
- Notifier
- Peerless Pumps

## Custom Systems from Start to Finish

Total Safety's design services do not end with the design of a custom system. From fabrication to maintenance, we provide the necessary services to ensure the safe use of the system, including:

- Complete project design
  - Systems designed to meet or exceed CFR, NFPA, USCG, ABS, DNV, SOLAS, IMO and other international standards
  - NICET-certified systems designers
  - Full complement of drafting services utilizing AutoCAD
  - Complete drawing packages
- Procurement and supply
  - Components
  - Materials
  - Equipment
  - Supplies
  - Custom packing and shipping
- Installation
  - Experienced and factory-trained installation teams
- Commissioning
- Training
  - 24/7 service
  - Operations
  - Maintenance
- Service and inspections
  - Total Safety's exclusive Smart Inspections
- Repairs and modifications
- Technical support
- Sales support
  - Before and after sale

## Expert Design Standards

Total Safety uses the latest technology in computer aided drafting, as well as products and materials from major manufacturers, to design the most cost-effective and reliable custom systems.

Our high standards have made Total Safety a leader in the design and implementation of custom safety systems.

## Backed by the Best in the Business

Total Safety's design services are supported by over 25 years of expertise in the design, fabrication, installation and support of safety systems. Our vast knowledge of domestic and international codes and rules and regulations further ensures the quality, practicality and compliance of the systems we provide.

## Affiliations



See what a difference the Best Minds in the Business can make to your safety, operational and financial performance. Our mission is to ensure the safe Wellbeing of Workers Worldwide (W<sup>3</sup>). For more information, call 888.44.TOTAL (888.448.6825), visit [TotalSafety.com](http://TotalSafety.com), or e-mail us at [mail@totalsafety.com](mailto:mail@totalsafety.com).

