

# Shutdown & Turnaround Expert Safety Services



Only Total Safety has the people, programs and processes to provide you with the safety support you need during crucial shutdown and turnaround periods.

Total Safety has the experience you can trust. We've developed a menu of proven turnaround services that can improve safety, decrease turnaround periods and lower costs at any plant location.

#### 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 on-site technicians to support maintenance, calibration, cleaning and tracking of equipment
- Respiratory Face 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 shutdowns and turnarounds, you can improve safety compliance, quality control and accountability; have around-the-clock access to equipment and trained personnel, achieve maximum asset utilization, reduce initial capital investment, and reduce administrative burden.



Total Safety invented the concept of an on-site, integrated safety equipment and services package called the "In-Plant Service Center" (IPSC).

An IPSC allows us to be on-site 24/7 at your location with full-time, trained technicians providing integrated safety solutions to support specific requirements.

To discover our IPSC-approach, please contact your local Total Safety advisor.

[TotalSafety.net](https://www.TotalSafety.net)



## SHUTDOWN & TURNAROUND Safety Compliance Solutions

- TAR scoping/project preparation
- Equipment Rental & Sales
- Management & distribution of safety equipment on-site
- Maintenance on-site/off-site
- All-round area supervision
- Supervision of hot works
- Atmosphere/gas measurements
- Confined Space Safety Supervision
- HSE Services
- Temporary Access Control Services
- Safety Training
- Safety Reporting

## BENEFIT FROM OUR SHUTDOWN & TURNAROUND SOLUTIONS

### 1. Return on Safety:

- Reduced hazards
- Increased employee hazard awareness
- Reduced violations to safety rules
- Reduced workplace accidents
- Increase of productivity and reduction of „downtime“
- Lower insurance costs

### 2. Mitigation of risks and safety improvements thanks to:

- Standard Last Minute Risk Analysis (LMRA's) before the works start
- Verification of compliance with safety instructions and control working permits
- Communication with contractors about unsafe situations and house-keeping
- Execution of qualitative atmosphere measurements
- Reporting on near misses and incidents
- Taking/advising on corrective actions
- Provision of Safety equipment in full compliance

### 3. Reduction of operational costs thanks to:

- Management & coordination on-site of the required resources (avoid “no show” for less “downtime”)
- Efficient innovative solutions (e.g. Centralized Confined Space Monitoring with reduced permit times)



See what a difference Total Safety 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, visit [TotalSafety.com](http://TotalSafety.com) or e-mail us at [info-eu@totalsafety.com](mailto:info-eu@totalsafety.com).