



BREATHING AIR HPLS SERVICES



Need Reliable, Responsible Breathing Air Solutions? Call the Best Minds in the Business!

Only Total Safety has the people, programs and processes to ensure the safety and health of your staff during critical path turnaround projects requiring high quantities of Grade D breathing air. That is why we invented our exclusive, patented **High Pressure Breathing Air Loop System (HPLS)**.

Our HPLS, as well as our safety expertise in breathing air solutions, helps you create the ideal respiratory environment for efficient, effective operations.

HPLS: The Key to Safer Turnaround Projects

With Total Safety's exclusive HPLS, project safety is increased by:

- Proper rigging, staging and usage of breathing air equipment and components
- Use of safety overseers
- On-site orientation
- Isolation (lockout/tagout systems)
- Proper certification and delivery of Grade D breathing air
- Use of equipment and professional oversight

HPLS Ensures the Safety and Health of Your Workers

HPLS increases overall safety, health and compliance during critical turnaround tasks that require high-volume usage of Grade D breathing air, including:

- Permit-required confined space entry
- Asbestos or insulation removal
- High-pressure hydro-blasting/cleaning
- Welding with exotic metals
- Working in inert atmospheres



The Best Minds in the Business!

Traditional Methods Using Cylinders

Traditional breathing systems, which utilize cylinders, are appropriate for some functions, but can lower productivity and increase costs.

Traditional methods can result in:

- Excess need for manpower to perform bottlewatch functions
- Reduced productivity due to bottle change-outs requiring work stoppages
- Increase in safety incidents due to 12-packs requiring a forklift to be used around high traffic work areas
- Increased gate traffic and fees from delivery and disposal of bottles

HPLS Improves Efficiency and Reduces Costs

Our innovative, exclusive HPLS makes your critical path turnaround projects safer, more efficient and less costly. Compared to traditional breathing systems, Total Safety's patented HPLS provides a higher level of safety and greatly reduces manpower and costs.

By utilizing Total Safety's HPLS during critical path projects, you can achieve:

- Safer working atmosphere
- Reduction of lost time
- Increase in efficiency
- Improvement in utilization
- Reduction of manpower expense
- Reduction of plant traffic
- Reduction of breathing air hardware requirements (cascades)
- Reduction of standby personnel (bottlewatch)
- Centralization and standardization of safety services (breathing air equipment)

In fact, bottlewatch duties alone, reduced to a single tube trailer, save thousands of man hours in a typical turnaround/outage. And Total Safety's tube trailer operates outside the unit minimizing safety hazards, congestion and associated wasted man hours.



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 (W³). For more information, call 888.44.TOTAL (888.448.6825), visit TotalSafety.com, or e-mail us at mail@totalsafety.com.