



QAFCO Comprehensive Turnaround Safety Training Initiative

Introduction:

QAFCO is the world's largest single-site exporter of urea, operating a state-of-the-art production facility in Qatar. With a reputation for excellence in the petrochemical and fertilizer industries, QAFCO plays a vital role in meeting global agricultural needs by producing high-quality ammonia and urea products. The organization's scale and operational complexity demand stringent health, safety, and environmental (HSE) practices to ensure the safety and efficiency of its workforce.

From October 2024 - November 2024, De Moura Lawson Consulting collaborated with QAFCO to deliver a customized Turnaround Safety Training program aimed at improving contractor readiness and competency during high-stakes operational activities. The program was specifically tailored to meet QAFCO's rigorous safety standards and operational demands, aligning with international best practices to reinforce a proactive safety culture.

Methodology:

De Moura Lawson Consulting implemented a structured approach to ensure effective training delivery and measurable outcomes:

1. Tailored Program Design:

- Created customized modules addressing the specific risks of QAFCO's turnaround activities.
- Integrated international safety standards, best practices and practical, real-life scenarios for hands-on applicability.

2. Advanced Training Delivery:

- Conducted sessions in two state-of-the-art training facilities, accommodating up to 300 participants simultaneously.
- Utilized advanced tools such as smart projectors, large screens, microphones, and speakers to facilitate engaging and effective training.
- Provided multilingual training to address the diverse languages spoken by contractors, ensuring clear communication and comprehension for all participants.
- Incorporated visual aids, including videos and infographics, to reinforce key safety concepts and maximize knowledge retention.

3. Competency Assessments:

- Designed comprehensive assessments to validate contractor readiness, ensuring adherence to QAFCO's safety standards.
- Provided constructive feedback during sessions to reinforce key safety concepts.

4. Operational Alignment:

- Worked closely with QAFCO management to synchronize training schedules with operational timelines, minimizing disruption.
- Delivered detailed progress updates and reports to ensure transparency and goal alignment.

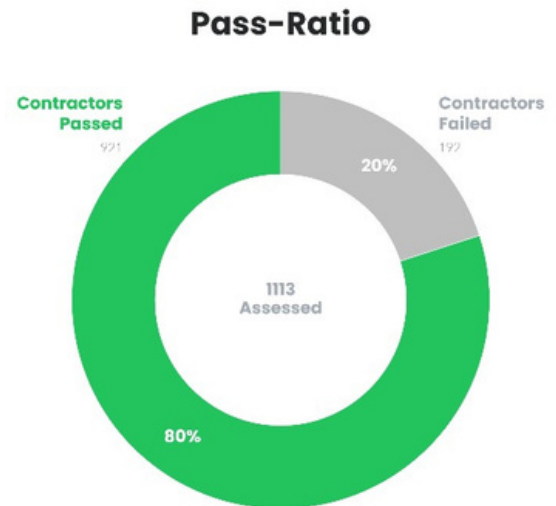
Outcomes:

The program delivered significant achievements, strengthening safety practices across QAFCO's operations:

- **Broad Contractor Engagement:** Trained over 8,000 contractors from 78 subcontracting companies, fostering consistent safety practices among a diverse workforce.
- **Comprehensive Contractor Training in key safety areas:**



- **Validated Competency:** Conducted assessments for over 1,100 contractors, achieving an 80% pass rate, ensuring knowledge transfer and practical application.
- **Risk Mitigation:** Focused training on confined spaces, fire safety, and hazardous tasks reduced the risks associated with high-risk operations by equipping contractors with the knowledge and skills to safely manage potential hazards.
- **Streamlined Practices:** Standardized procedures and protocols through practical, scenario-driven training, aligning all teams with QAFCO's safety standards.



Conclusion:

De Moura Lawson Consulting's Turnaround Safety Training program significantly enhanced contractor safety standards and operational readiness at QAFCO. By equipping over 8,000 contractors with essential skills and ensuring consistent adherence to safety protocols, the initiative reinforced QAFCO's commitment to health, safety, environment, and quality (HSEQ) excellence, solidifying its reputation as a leader in proactive safety management.