



FLARES SERVICES

Rope Access & Industrial Rescue



PM Engineering & Service di Perini Massimiliano

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1- ROPE ACCESS SERVICES

As a leading provider of industrial rope access services, we offer you an exemplary safety record. For your complete peace of mind, our technicians receive extensive training and independent assessment, undergoing re-training every three years with **IRATA (Industrial Rope Access Trade Association)** standard as per **L3 certification**. All of our rope access training and operational work is conducted in line with international guidelines.

PM Engineering can assist with projects anywhere in the world to ensure their compliance:

- Inspection and testing of structures
- Cable inspections and repairing
- Guy Wiring Flare Inspection and repairing
- I/O and Continuity Test for JB and interconnecting boxes
- Conventional and advanced NDT techniques
- Thermographic analysis
- AWL Aviation Lighting
- Maintenance
- Pilots inspection / replacing and test

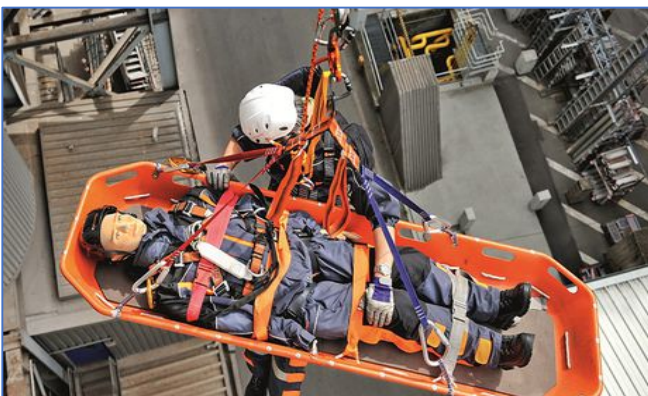


2- INDUSTRIAL RESCUE TEAMS

Management: A fast management on site of Emergency with appropriate intervention techniques will reduce the consequences of an accident and the risks of damage from lack of skill from the rescuers.

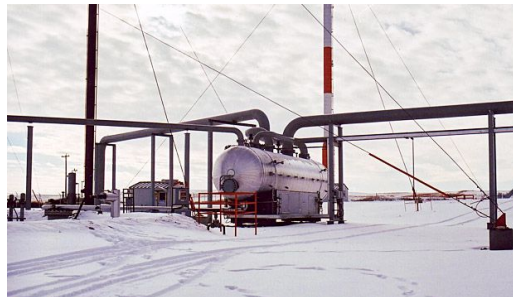
PM Engineering offers support services to the site HSE structure that, through suitable organizational models, highly qualified tools and skills, ensures the correct management of emergencies scenarios in confined spaces or at height.

Our Rescue Teams are composed of highly qualified professionals able to properly handle the initial phases of the recovery operation by providing for the **proper immobilization and mobilization** of the injured within the yard or the industrial environment, guaranteeing a first medical intervention and stabilization, avoiding damage from lack of skills and coordinating with the Public Rescue Service for any subsequent hospitalization.



Supporting the HSE structure for prevention purposes is achieved by involving our technicians in the process of monitoring the work environment, preparation of work permits, verification of **individual protection devices and evacuation devices**, handling of preliminary toolboxes and editing of daily reports related to unsafe acts and conditions detected and corrective actions suggested. The presence of a Rescue Team during the works adds the value of a coaching on the job, crucial to ensure effective supervision, operational training of workers, and immediate resolution of specific issues related to execution of works at height (and in confined spaces if any).

We offer the possibility to carry out maintenance work and NDT inspections inside the KOD tanks. All our technicians are also qualified to operate in confined spaces according to Confined Spaces in accordance at Regulations 1997 and capable to carry out a COSHH assessment (The Control of Substances Hazardous to Health Regulations 1999).



3- DRONE INSPECTION

The use of **RPAs (Remotely Piloted Aircraft)** guarantees less costs, greater security and the reach of areas difficult to access with traditional techniques. The inspections carried out with the support of drones represent the new technological frontier in interpreting and obtaining data in areas and conditions that are hard to reach with traditional techniques. Such service can be provided in the most diverse sectors of O&G installation on flare systems:

- Tips & Pilots and Ignition Systems (FGG)
- Service Lines (Steam, Air, N2,...)
- AWL systems
- Derrick Structure
- Risers assembly
- Remote JB and Interconnecting
- Guy Ropes Inspection

In this scenario, PM Engineering & Service will execute any inspection required in accordance at the **ENAC (Italian Aviation National Organization)** registration ID, as a specialized operator for carrying out critical air work activities.

