

Mobile Asset Integrity & Hose Management Services

LNG, Gas Processing, Energy & Industrial Operations

Overview

Pacific Hoseflex's Mobile Service Vehicle provides a fully equipped field-based capability designed to support the operational, maintenance, and integrity requirements of LNG production facilities, gas gathering infrastructure, processing plants, compressor stations, marine loading terminals, fuel transfer operations, and associated industrial assets.

Our roaming service enables inspection, testing, repair, certification, asset identification, and technical support to be undertaken directly at the point of operation, reducing equipment downtime, eliminating transport delays, and supporting compliance with site integrity management systems.

With coverage throughout Queensland and New South Wales, Pacific Hoseflex delivers technical field services aligned to the demanding operational standards expected within the LNG, mining, energy, petrochemical, and marine sectors.

SERVICE CAPABILITIES

Certified NDT Testing Including Certified Assessments

Pacific Hoseflex provides non-destructive testing services to verify the integrity of hoses, pipe assemblies, fabricated components, and pressure-containing equipment without damaging the asset. Testing programs can identify deterioration, defects, corrosion mechanisms, fatigue cracking, or service-related degradation before the condition results in failure.

Where required, testing can be performed in conjunction with certified processes, delivering documented evidence suitable for compliance audits, maintenance records, risk assessments, and integrity management programs. Results enable LNG operators to make informed decisions regarding asset life extension, repair requirements, and replacement planning.



Hose and Pipe Reinvigoration Services

Many industrial hose assemblies can experience reduced performance due to contamination, product buildup, scaling, moisture ingress, or operational wear. Pacific Hoseflex provides inspection, and reconditioning services that can help return assets to operational readiness while maintaining safety and performance standards.

Reconditioning activities are performed using procedures appropriate to the hose construction and service application. This approach can maximise asset utilisation, reduce unnecessary replacement costs, and support sustainable maintenance strategies across LNG and energy operations.

Continuity of Operations Across Multiple Locations

The mobile service vehicle enables critical maintenance and inspection activities to be performed at remote field locations, compressor stations, well pads, terminals, wharf facilities, and processing plants. Removing the need to transport assets offsite significantly reduces downtime and improves maintenance responsiveness.

Field support can be integrated into shutdown programs, turnaround activities, corrective maintenance campaigns, and routine inspection schedules. This ensures equipment remains available for operation while maintaining compliance with plant integrity requirements.

Hose Tagging and Asset Registration

Effective hose management programmes depend on accurate asset identification, inspection history, and traceability. Pacific Hoseflex provides permanent asset tagging and registration systems that allow hoses and assemblies to be individually tracked throughout their operational lifecycle.

Laser identification methods provide durable asset records capable of withstanding harsh environmental conditions commonly encountered within LNG and mining operations. Asset information can be linked to inspection intervals, pressure testing records, maintenance history, and retirement criteria to strengthen integrity management practices.

Simple Repairs and Welding Services

Qualified field personnel can undertake minor fabrication repairs and welding activities directly at site, helping operators rectify defects before they affect production schedules. Services are suitable for structural support components, pipework modifications, brackets, guards, and non-critical fabricated assemblies.

All repair work is assessed against the operational requirements and condition of the equipment to ensure repairs maintain intended service functionality. Where further engineering review is required, Pacific Hoseflex can provide technical recommendations for ongoing integrity management.



Inspection of Challenging Installations and Technical Advice

Many LNG facilities contain hose and piping systems located in difficult-to-access environments where vibration, thermal cycling, movement, or confined installation spaces can contribute to accelerated wear. Pacific Hoseflex provides onsite inspections to identify these risks and recommend practical solutions.

Technical assessments may include hose routing review, bend radius evaluation, support requirements, mechanical protection measures, material compatibility assessment, and recommendations for improved reliability. This proactive approach assists operators in reducing unplanned failures and extending asset service life.

KEY TECHNICAL SERVICES

Hydrostatic Pressure Testing

Hydrostatic testing verifies the pressure integrity of hose and pipe assemblies by subjecting the asset to controlled test pressures under monitored conditions. Testing confirms the assembly's ability to safely withstand operational loads and identifies potential weaknesses before return to service.

Detailed test records can be provided to support regulatory compliance, maintenance documentation, and plant asset integrity requirements. Regular pressure testing forms a critical element of preventative maintenance programs within LNG and process industries.

Visual and Penetrant Testing (VT & PT)

Visual Testing (VT) provides systematic examination of asset condition, identifying corrosion, mechanical damage, leaks, coating breakdown, and service deterioration. It serves as a first-line assessment method for ongoing condition monitoring.

Penetrant Testing (PT) is used to detect surface-breaking flaws that may not be visible during routine inspections. This technique is particularly effective for welded components and fabricated equipment where crack detection is critical to operational safety.

Onsite Welding Services

Pacific Hoseflex provides mobile welding services capable of supporting field repair and maintenance activities across industrial facilities and infrastructure. This capability reduces delays associated with transporting equipment to external workshops and improves maintenance responsiveness.

Services can be applied to pipe supports, structural steel components, brackets, skids, guards, and associated industrial fabrications. Onsite execution enables maintenance teams to complete repair scopes efficiently during shutdowns and operational maintenance periods.



Hose Cutting and Assembly

New hose assemblies can be manufactured directly at site using approved materials and assembly procedures suited to the intended service duty. This capability significantly reduces replacement lead times when unexpected failures occur.

Field assembly services can support hydraulic systems, chemical transfer, industrial water services, compressed air applications, fuel transfer systems, and specialised industrial process operations. Assemblies are prepared and tested in accordance with applicable service requirements.

Site-Based Technical Support

The mobile service vehicle functions as an extension of the site's reliability, maintenance, and integrity management teams. Experienced technicians provide immediate technical

assistance and practical recommendations based on equipment condition and operating environments.

Support may include troubleshooting recurring hose failures, identifying root causes of deterioration, reviewing asset selection, and evaluating opportunities for lifecycle improvement. This assists LNG operators in improving reliability while maintaining safe and efficient operations.

INDUSTRIES SERVED

- LNG Production Facilities
- Gas Gathering Networks
- Compression Stations
- LNG Export Terminals
- Marine Loading Facilities
- Fuel and Bunkering Operations
- Mining & Resources
- Power Generation
- Petrochemical Processing
- Industrial Manufacturing
- Port and Wharf Operations



BENEFITS TO LNG OPERATORS

- ✓ Reduced Production Downtime
- ✓ Improved Asset Reliability
- ✓ Increased Safety and Compliance
- ✓ Full Asset Traceability
- ✓ Reduced Maintenance Logistics
- ✓ Faster Failure Response
- ✓ Enhanced Integrity Management
- ✓ Field-Based Technical Expertise



Pacific Hoseflex Mobile Service Vehicle Supporting Upstream, Midstream and Downstream Operations Across Queensland and New South Wales

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