

GE  
Oil & Gas  
PII Pipeline Solutions

# Environmental Health & Safety

Some companies view environmental health and safety (EHS) as an obligation. But at GE, we see it as a responsibility to our employees, customers and all other stakeholders – because it helps save businesses and lives. So we uphold the industry's highest standards to meet or exceed all client and regulatory requirements.

We continually improve our processes with a system of clear objectives and monitoring practices. We review past performance and regularly incorporate best practices from affiliated companies and external sources, including clients and non-government organisations (NGO's).

This ensures that, no matter where or what the project, safety is never taken for granted.

#### Third-party certifications include:

- ISO 14001 Environmental Management Systems
- Safety Contractor Checklist (VCA)
- Petroleum Industry Training Service (PITS)

#### Minimising risk at every step – for every project

Safety checks are infused at every stage of our operations. ISO 9001 and 14001 certification helps ensure consistency and rigour in all aspects of our work.

Our EHS team takes an active role from initial proposal to in-field activity. Each project begins with risk identification at the proposal phase, moving through to detailed mitigation plans and in-field controls that continually re-assess hazards and take appropriate measures wherever needed.

By fully documenting and reviewing activities, we not only avoid hazards on current projects, but improve avoidance in the future. The chart on the following page shows the workflow of safety-focused responsibilities for every project we undertake.

#### Comprehensive training

Another means by which we achieve high safety performance is through a detailed training program that raises the skills and competencies of all personnel involved. Our commitment to EHS is demonstrated by an average of 16,274 EHS training units completed annually – more than 17 units per employee.

Every PII Pipeline Solutions employee has at least a comprehensive EHS awareness course. On-site personnel and Project Managers have detailed and documented EHS training plans including regular refresher courses. Our Project Managers have formal EHS certification, making them specialists in effective hazard identification, risk assessment, mitigation and management.



## Our EHS commitment in action

### Health & Safety performance

Significant EHS improvements are made each year to assure our clients that every reasonable step is being taken to avoid injury and illness. Our ongoing program includes:

- Improved and systematic training across the organisation
- Development, implementation and communication of clear policies and procedures
- Routine and rigorous auditing of processes
- Weekly communications to all employees on EHS practices
- Proactive approach to resolving potential issues through *Near Miss* reporting
- Routine fitness-for-duty medical surveys

### 3-year summary of results

- 34% lower Injury & Illness rate\*
- Injury & Illness rate 83% lower than industry average\*\*
- 44% fewer Days Away From Work\*
- Days Away From Work rate 89% lower than industry average\*\*
- 75% increase in *Near Miss* reports

\* rates based on OSHA recordables per 200,000 work hours

\*\* based on NAICS code 213112 – “Pipe testing services, oil and gas field, on a contract basis”

### Environmental performance

Our philosophy on maximising pipeline utilisation includes preventing pollution – and this is best accomplished through early defect identification and appropriate remediation.

To ensure that our own operations comply with legislative requirements and minimise environmental impact, we have implemented an Environmental Management System (EMS) certified to ISO 14001. This system’s annual performance highlights include:

- 10% reduction in hazardous waste disposal
- 5% reduction in energy usage

For more information on our EHS initiatives, please visit [www.ge.com/en/citizenship/ehs/index.htm](http://www.ge.com/en/citizenship/ehs/index.htm)

### Safety workflow for every project

Responsibility	Process	EHS Activities
Sales & EHS	Tender Approval	<b>Assess</b> <ul style="list-style-type: none"> <li>• Client EHS requirements</li> <li>• Hazardous materials</li> <li>• Security</li> <li>• Off-shore</li> <li>• Environmental sensitivity</li> <li>• Contractors</li> </ul>
Sales, Legal, Project Management & EHS	Contract Award	<b>Review</b> <ul style="list-style-type: none"> <li>• Ensure all information has been collected &amp; confirmed</li> </ul>
Project Management, Field Crew & EHS	Project Preparation	<b>Mitigation</b> <ul style="list-style-type: none"> <li>• Site surveys</li> <li>• Review of risk assessments</li> <li>• Preparation of method statements</li> <li>• Briefing of field crew</li> </ul>
Project Management, Field Crew & EHS	In-field Activities	<b>Control</b> <ul style="list-style-type: none"> <li>• Client site-specific training</li> <li>• Review site risks &amp; method statements</li> <li>• Permits to work</li> <li>• Toolbox talks</li> <li>• Accident &amp; incident reporting</li> <li>• Management of sub-contractors</li> <li>• Audits, inspections &amp; monitoring</li> <li>• Post-contract review</li> </ul>

