

JW Energy EHS Policy for – Oil and Gas Pipeline Inspection

1. Introduction

At JW Energy, we are committed to maintaining the highest standards of Environmental, Health, and Safety (EHS) in all our operations, particularly in the oil and gas pipeline inspection industry. This policy outlines our approach to ensuring the safety and well-being of our employees, contractors, customers, and the environment. By adhering to these standards, we aim to promote a safe, sustainable, and responsible working environment while minimizing any negative impact on the environment.

The purpose of this policy is to establish clear expectations, procedures, and guidelines to ensure that EHS risks are managed effectively and consistently across all levels of the company.

2. EHS Management System

2.1. Commitment to EHS Excellence

- **Top Management Responsibility:** The senior leadership team at JW Energy is fully committed to EHS excellence. We will ensure that all necessary resources are allocated to achieve EHS goals and maintain compliance with applicable laws, regulations, and industry standards.
- **EHS Integration:** EHS considerations are integrated into every aspect of our operations, from initial project planning and pipeline inspections to maintenance, emergency response, and decommissioning. This approach ensures that health, safety, and environmental factors are considered from the outset.

2.2. Compliance with Laws and Standards

- JW Energy operates in full compliance with all local, national, and international EHS laws and regulations relevant to the oil and gas industry, particularly those related to pipeline inspection. We stay up-to-date on changes in EHS legislation to ensure our activities remain compliant.
- We are committed to adhering to international standards, including but not limited to OSHA regulations, API standards, ISO 14001 (Environmental Management), ISO 45001 (Occupational Health and Safety), and industry best practices.

2.3. Continuous Improvement

- JW Energy is dedicated to continuous improvement in EHS management. We set clear, measurable goals, and regularly review and assess our EHS performance to identify areas for improvement. These goals are aligned with our overall business objectives and include reducing environmental impacts, minimizing safety incidents, and fostering a culture of health and wellness.

3. Health and Safety

3.1. Employee Health and Well-being

- **Health and Safety of Employees:** Our employees' health and safety are paramount. We provide a safe and healthy working environment by implementing measures to minimize the risk of accidents, injuries, and illnesses.
- **Health and Wellness Programs:** We offer health programs to employees, including fitness initiatives, regular health screenings, and mental health support, to ensure a healthy workforce.

- **Personal Protective Equipment (PPE):** All personnel working in the field or in environments with potential hazards are required to wear appropriate PPE, such as helmets, gloves, eye protection, hearing protection, and respiratory equipment, as applicable to the specific task and work environment.

3.2. Safety Procedures and Risk Assessment

- **Risk Assessment:** Before conducting any inspection or maintenance work, we perform thorough risk assessments to identify and evaluate potential hazards associated with the pipeline inspection tasks. These assessments allow us to implement necessary controls and mitigations to protect workers.
- **Job Safety Analysis (JSA):** Each task or operation requires a JSA, where hazards are identified, and control measures are established before starting work.
- **Emergency Response and First Aid:** Emergency response plans are developed for all activities. These plans include procedures for responding to medical emergencies, fires, spills, and other incidents. Our employees are trained in first aid, and emergency equipment is readily available on-site.

3.3. Safety Training

- **Induction and Ongoing Safety Training:** All employees and contractors undergo EHS training as part of their induction. Ongoing training is provided regularly to ensure that all staff remain knowledgeable about new safety protocols, procedures, and technologies. Specific training on pipeline inspection safety, hazardous material handling, and confined space entry is mandatory for relevant roles.
- **Safety Drills and Exercises:** We conduct periodic safety drills and exercises to ensure that our employees are well-prepared for emergencies. These drills are evaluated to identify opportunities for improvement in our response protocols.

3.4. Incident Reporting and Investigation

- **Incident Reporting:** All employees are encouraged and required to report incidents, near misses, and unsafe conditions immediately. Reporting channels are provided that ensure confidentiality and prompt investigation of the reported incidents.
- **Incident Investigation and Root Cause Analysis:** When incidents occur, thorough investigations are conducted to identify the root causes. Corrective actions are implemented to prevent similar incidents in the future. Lessons learned from incidents are shared across the company to continuously improve our safety practices.

4. Environmental Management

4.1. Environmental Responsibility

- JW Energy is committed to minimizing the environmental impact of our operations, particularly in pipeline inspection. Our focus is on sustainability, reducing emissions, preventing spills, and responsibly managing waste.
- **Pollution Prevention:** We aim to prevent environmental pollution through diligent monitoring and mitigation measures. This includes preventing hazardous material spills, controlling emissions, and minimizing waste production during inspections and maintenance.
- **Sustainable Resource Management:** We strive to reduce resource consumption (such as water and energy) and promote the use of environmentally friendly technologies and processes in our operations.

4.2. Environmental Impact Assessments (EIA)

- Before any pipeline inspection or maintenance activity, an Environmental Impact Assessment (EIA) is conducted to evaluate potential environmental risks. This process helps us determine appropriate measures to minimize any negative impact on local ecosystems, water sources, and wildlife.
- **Mitigation Measures:** Based on the EIA, we implement tailored mitigation strategies for each project. This may include controlling emissions, managing stormwater, preventing soil erosion, and avoiding disruption to local wildlife.

4.3. Waste Management

- **Waste Reduction:** JW Energy prioritizes the reduction, reuse, and recycling of materials. We minimize the amount of waste generated through efficient operations, and waste is separated and disposed of in an environmentally responsible manner.
- **Hazardous Materials Management:** All hazardous materials, such as chemicals, lubricants, and solvents, are managed in compliance with environmental laws and regulations. We ensure that such materials are safely stored, handled, and disposed of to prevent harm to the environment.

4.4. Air and Water Quality Control

- **Air Quality:** Emission levels from our activities are closely monitored to ensure they remain within permissible limits. Regular checks are conducted on equipment such as inspection vehicles and machinery to reduce air pollutants, including CO₂, nitrogen oxide, and particulate matter.
- **Water Quality:** We implement water management plans to ensure that our operations do not contaminate local water sources. This includes monitoring water quality during field inspections and cleaning activities and using proper containment strategies for wastewater.

5. EHS Performance Monitoring and Reporting

5.1. EHS Audits and Inspections

- **Regular Audits:** JW Energy conducts periodic EHS audits across all operational sites. These audits assess compliance with company policies, industry standards, and legal requirements. Non-conformities are addressed, and corrective actions are taken to improve performance.
- **Site Inspections:** Routine site inspections are conducted by EHS officers to identify potential hazards, ensure compliance with safety protocols, and verify the proper use of PPE. These inspections also ensure that safety signage and emergency equipment are in place and functioning.

5.2. Performance Metrics and KPIs

- **Key Performance Indicators (KPIs):** We track specific EHS KPIs, such as the number of safety incidents, employee training completion rates, waste recycling rates, and the number of environmental compliance violations. These KPIs help us measure the effectiveness of our EHS efforts and drive continuous improvement.
- **EHS Reporting:** Regular EHS performance reports are produced and shared with senior management, employees, and other stakeholders. These reports include updates on safety performance, environmental metrics, incident investigations, and actions taken to address issues.

6. Employee Involvement and Communication

6.1. Employee Engagement

- At JW Energy, we believe that every employee plays a role in creating a safe and sustainable work environment. We encourage employees to actively participate in EHS programs, suggest improvements, and contribute to the overall safety culture.
- **EHS Committees:** EHS committees are formed at various operational levels, where employees collaborate with management to address EHS concerns, review safety protocols, and propose solutions to potential challenges.

6.2. Communication of EHS Policies

- **Regular Communication:** We regularly communicate EHS policies, procedures, and best practices through internal memos, emails, meetings, and company newsletters. Clear communication ensures that all employees understand their roles and responsibilities regarding EHS matters.
- **EHS Briefings:** Pre-task briefings are conducted for every project or inspection, highlighting potential risks, necessary precautions, and key safety information. These briefings also provide an opportunity for employees to raise concerns or ask questions about safety procedures.

7. Conclusion

JW Energy is dedicated to fostering a culture of safety, environmental stewardship, and regulatory compliance. We take a proactive approach to EHS management to ensure that our operations not only meet but exceed industry standards. Through ongoing training, employee involvement, and commitment to continuous improvement, we aim to minimize the risks associated with oil and gas pipeline inspections while protecting the health and safety of our workforce and the environment.

This policy will be reviewed regularly and updated to reflect new legal requirements, technological advancements, and best practices in EHS management.