HYDRAMECH
GROUP OF COMPANIES

ENVIRONMENTAL, HEALTH, AND SAFETY (EHS) OVERVIEW











Engineering Excellence through Safety & Sustainability

OUR EHS COMMITMENT

“Safety is not just a policy; it's our culture.”

Core Vision:
Achieving Zero Harm to people and the environment.

Key Goals:

- Protecting employees, contractors, and the public from injury.
- Eliminating terror threats and operational hazards.
- Reducing damage to property and the natural ecosystem.

HydraMech is committed to providing a safe, healthy, and environmentally responsible workplace for employees, contractors, visitors, and the public. Our EHS commitment is driven by a culture of accountability, prevention, and continuous improvement across all operations. Our approach focuses on:

Zero Harm

Preventing work-related injuries, illnesses, and unsafe conditions through proactive planning, rigorous training, and strict compliance with international safety standards.

Risk Reduction

Identifying, assessing, and controlling operational risks through reasonably practicable measures to prevent hazards, incidents, security threats, and property damage.

Competence

Identifying, assessing, and controlling operational risks through reasonably practicable measures to prevent hazards, incidents, security threats, and property damage.

Our commitment includes:



1. Creating and maintaining a safe, healthy, and injury-free work environment for all employees, contractors, and stakeholders.

2. Complying with all relevant legal, regulatory, and other EHS requirements applicable to our operations.

3. Identifying hazards, assessing risks, and implementing effective controls to prevent incidents and occupational illnesses



4. Reducing environmental impact through pollution prevention, waste reduction, energy efficiency, and responsible resource management

5. Building a culture of awareness, accountability, and continuous learning through regular training and engagement



6. Continuously improving our EHS performance, systems, and practices through monitoring, review, and innovation

We are dedicated to making Environment, Health, and Safety a shared responsibility and a core principle that guides every decision, action, and operation.

KEY CERTIFICATIONS

HydraMech maintains several critical certifications to validate their safety and quality management systems:

• **ISO 45001:2018:** The global standard for Occupational Health and Safety Management Systems.

• **ISO 9001:2015:** Focused on Quality Management to ensure consistent service delivery.

• **bizSAFE Star:** The highest level of accreditation in Singapore's bizSAFE program, indicating a robust risk management system.



OCCUPATIONAL HEALTH & SAFETY (OHS)

Hazard Identification: Proactive screening for risks in mechanical and hydraulic field services.

Operational Controls:

- Permit to Work (PTW) systems for high-risk activities.
- Mandatory Personal Protective Equipment (PPE) (Helmets, Safety Shoes, High-Vis).
- Strict "No Smoking" and access control at all site units.
- Emergency Preparedness: Regular drills for fire, chemical spills, and equipment failure.

OPERATIONAL SAFETY IN HIGH-RISK ENVIRONMENTS



Given their expertise in hydraulic, mechanical, and electrical field services, EHS at HydraMech covers several specialized areas:



- **Pressure & Hydrotesting:** Managing risks associated with high-pressure hose assemblies and tubing during pre-commissioning and testing.

- **Chemical Cleaning & Flushing:** Ensuring safe handling and disposal of hazardous materials during hot oil flushing or chemical cleaning.



- **Offshore & Rig Maintenance:** Adhering to strict maritime safety guidelines (such as UK Energy Institute Guidelines) during boom change-outs and crane certifications.

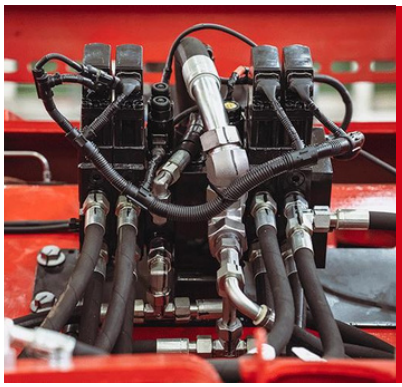
- **Hose Integrity Management:** Preventing catastrophic failures in high-pressure drilling and bulk transfer hoses through regular audits and inspections.

ENVIRONMENTAL RESPONSIBILITY



OIL CONDITION MONITORING

Reducing waste and preventing leaks through advanced filtration and monitoring services.



EFFICIENT DESIGN

Providing custom-built hydraulic systems that minimize environmental footprints and energy consumption.

ENVIRONMENTAL MANAGEMENT POLICY

Pollution Prevention: Safeguarding air and water quality during chemical cleaning and flushing.

Waste Management: Strict segregation of hazardous vs. non-hazardous waste.

Spill Response: On-site spill kits and secondary containment (bunding) for all stored chemicals.

Resource Efficiency:

- Reducing energy consumption in plant design and operations.
- Water conservation initiatives at all facility levels.

SPECIALIZED TECHNICAL SAFETY

- **High-Pressure Safety:** Protocols for Hydrotesting and Hose Integrity Management (FHA).
- **Chemical Cleaning & Flushing:** Safe handling of solvents and containment of effluents.
- **Offshore Operations:** Adherence to MARPOL and IMR standards for HP Hoses on rigs.
- **Condition Monitoring:** Using Oil Condition Monitoring to prevent mechanical failure and leaks.





TRAINING & COMPETENCY

- **Workforce Excellence:** All employees are trained to national and international statutory standards.
- **Competency Matrix:** Ensuring the right person is assigned to the right project based on technical skill and safety training.
- **Continuous Learning:** Simulation exercises and regular safety briefs for both staff and contractors.

MONITORING & CONTINUOUS IMPROVEMENT

- **Audit Programs:** Periodic safety audits and facility-level reviews.
- **KPI Tracking:**Incident and near-miss reporting rates.
- Compliance with environmental discharge limits.
- Energy and water usage reduction targets.
- **Feedback Loop:** Investigating all incidents to implement corrective actions immediately.

CONCLUSION

Environment, Health, and Safety (EHS) is a fundamental pillar of our operational excellence and long-term sustainability. Across every level of our organization, we are committed to protecting our people, preserving the environment, and ensuring safe and responsible work practices. Through continuous training, proactive risk management, regular monitoring, and a culture of accountability, we strive to create a workplace where safety is not just a policy, but a shared responsibility. Every employee plays a vital role in upholding this commitment, and together, we can build a safer, healthier, and more sustainable future for HydraMech.