

Hazard Identification and Risk Management

Hazard Identification & Risk Assessment (HIRA) is vital for workplace safety and compliance. It involves identifying potential hazards, assessing risks, and implementing controls. EHS Insight's HIRA module helps organizations systematically manage these steps, supporting OSHA compliance and reducing incidents. With this module, companies can prioritize safety efforts, mitigate risks, and maintain a proactive EHS management approach.

Simplifying Hazard and Risk Management at Every Step

EHS Insight empowers users to identify hazards, assess risks, and implement effective controls—helping organizations prioritize safety measures and make informed, confident decisions to protect their people and operations.



Identify Hazards and Associated Risks

Using the module's Hazard Identification and Risk Assessment forms, users can assess operations, identify potential hazards, perform risk assessments, and generate reports on the most common or significant risks.

✓ Clear Hazard Identification



Collect Information About Risks for Specific Jobs

The Field Level Risk Assessment form guides users through evaluating risks at a specific job—considering conditions, identifying hazards, assessing risk, and implementing controls.

✓ Specific Risks, Specific Solutions



Reduce Risk By Taking Appropriate Precautions

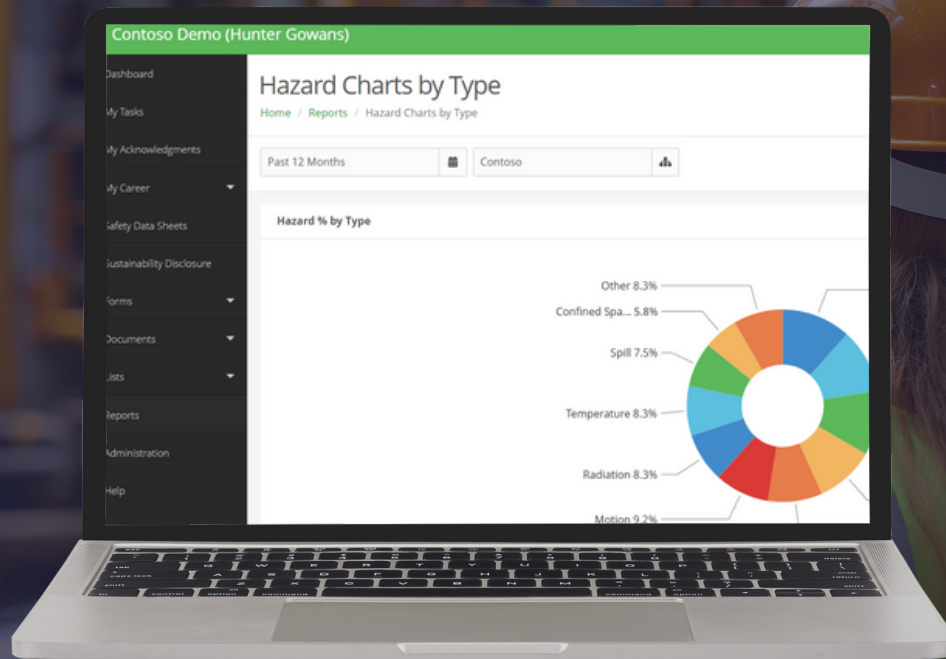
Effective risk management means reducing risks in operations and job sites. With the module, users can define controls, track implementation, and reassess to ensure risks stay as low as reasonably possible.

✓ Take the Right Precautions

Core Capabilities



- ✓ Identify hazards associated with operational activities
- ✓ Categorize hazard types
- ✓ Determine inherent risk
- ✓ Reassess risks after all controls have been put into place
- ✓ Assign ownership for individual risks
- ✓ View detailed reports of identified hazards and risk management assessments
- ✓ Identify controls and track implementation
- ✓ Conduct Field Level Risk Assessments
- ✓ Complete forms using EHS Insight's mobile app even when offline
- ✓ Upload photos and attachments
- ✓ Assign corrective actions and track completion
- ✓ Subscribe to reports to understand the greatest risks to your organization



Use Case

A warehouse in Charlotte, NC, handling hazardous materials, identified a potential diesel spill hazard during a tank refueling inspection—posing risks of worker exposure and environmental contamination.

Using EHS Insight's HIRA module, the safety manager documents the fuel transfer process, evaluates the likelihood (moderate) and consequence (high) of a spill, and recommends controls like secondary containment, chemical-resistant PPE, and spill kits. After review and approval, the system tracks implementation, including containment installation, PPE training, and spill kit placement.

The safety team uploads photos via the mobile app to verify compliance. A follow-up report shows reduced risk, shared during an OSHA audit. Recurring risk assessments are scheduled through the Compliance Task module and linked to the Incident Management module.