

Hazard Management

Identify potential hazards across the organization and eliminate risks.



Identification, control, and remedy of hazards are essential factors in reducing the risk of incidents occurring. Proactively identifying hazards helps identify factors that could cause an incident and eliminate or control them before something happens.

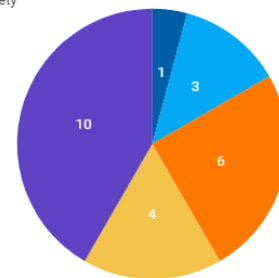
The hazard management process incorporates three distinct processes. These include:

- **Hazard Identification:** A simple process to facilitate recording and managing identified hazards.
- **Hazard Register:** Standardized approach to hazards and controls for effectively managing risks and hazards.
- **Job Hazard Analysis:** Library of all JHA's, including valid from /and to dates, that can be accessed by anyone who needs to use them.

Our mobile app allows hazards to be captured anytime and anywhere. Immediate notifications ensure corrective actions can be allocated quickly.

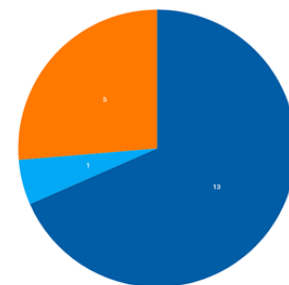
HAZARDS BY CATEGORY

Biological Chemical Ergonomic Physical Safety



HAZARD REGISTER CONTROL EFFECTIVENESS

Effective Ineffective Improvement Required



A standardize approach to hazards and controls



Eliminate hazards and prevent costly incidents



An easy-to-use system to manage JHA's



A valuable knowledge sharing tool for new and experienced employees

Core Functionalities

Each process that makes up the hazard management module has its own automated workflow and notifications.

Hazard Identification

The module comes pre-configured with automatic notifications when a hazard identification is reported and when it is rectified and closed. The hazard identification also outlines the process to.

- Record details of the identified hazard and responsibility for assessment.
- Selection of one or more hazard categories.
- Describe the immediate action taken.
- Assess the level of risk.
- Manage and allocate corrective actions.

Hazard Register

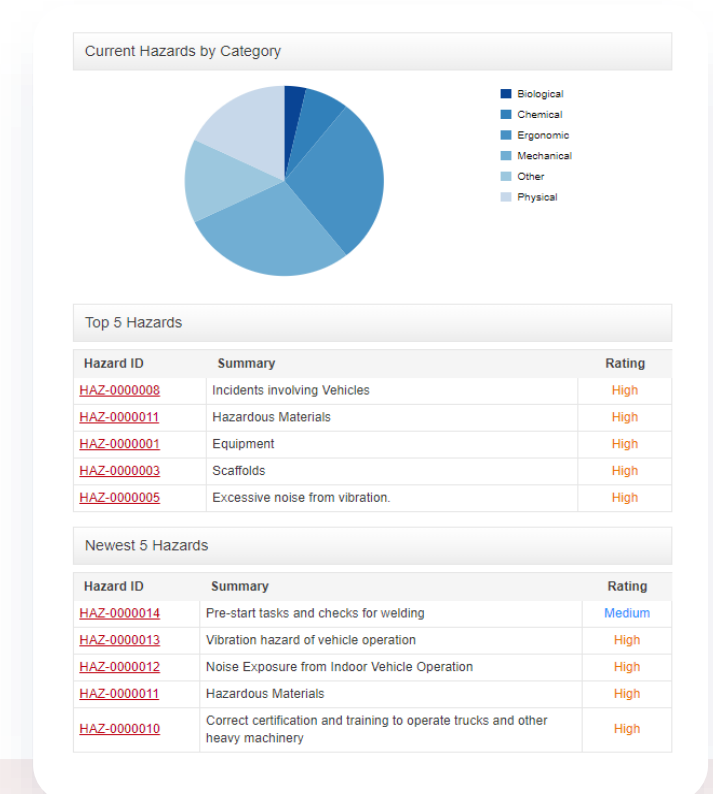
The module provides a centralized system to monitor and control hazards. The automatic notifications alert the hazard owner and those responsible for implementing controls. The hazard register provides a mechanism to standardize the approach to managing hazards and controls. The hazard register includes.

- Recording details of the hazard and allocation of responsibility/owner.
- Selection of one or more hazard categories.
- Describe any potential impacts.
- Implement controls and assess their effectiveness.
- Analyze the hazard's residual risk level based on the current controls.

Job Hazard Analysis

The continuous reviews of jobs and related tasks contribute to the Job Hazard Analysis. Personnel can access various details, including:

- Job specifics, required personal protective equipment (PPE) and necessary equipment.
- A list of tasks, associated hazards and control measures.
- Images for each task to facilitate understanding of each step.
- Ergonomic assessments performed on tasks to reduce risk.
- A printable, easy-to-read JHA report that includes visuals.



Data Analytics, Reports, and Dashboards

The module provides reporting and data analytics capabilities to:

- Automatically save details from a record as a formatted PDF.
- Transform data into Visualizations on the fly.
- Query, analyze and build custom reports and dashboards with pivot tables and charts, including geo-maps using any data captured in the module.

We have the following pre-configured reports and dashboards:

- **Hazard Identification and Actions**
provide a breakdown of hazards identified. This includes a chart showing the number of hazards identified by severity per month, compared to the number of actions raised as a result of the hazards.
- **Hazard Register Severity and Actions**
provides an analysis of all current hazards recorded and maintained in the hazards register.
- **Risks and Hazards**
contains a snapshot of risk exposure and provides interactive links to “top” and “newest” risks and hazards.
- **Job Hazard Analysis Report**
contains details required for a printed information sheet for workers undertaking the job activities.

Job Summary: JOB-0000005 - Changing a Tyre

Location: All Locations

Description of Job: Required Tools: properly inflated spare tire, jack, tire iron, wire brush or cloth. Familiarity with the tools and jack; proper storage and maintenance of these tools. Manufacturer's instructions for tire changes for the operative vehicle.

Equipment Type **PPE**

Non-Electrical Hand Tools Gloves : Utility Gloves

Tasks

#	Task	Hazard	Control
1	Park vehicle. - Park vehicle away from passing traffic. On solid, even ground. Easily visible at a distance from oncoming traffic. - Stop the engine; turn on the emergency flashers. - Put the transmission in "N" (automatic) or Reverse (manual), and set the parking brake. - Have everyone get out of the vehicle and stay in a safe place, away from traffic and away from the vehicle. - Block the tyre diagonally opposite the flat tyre to keep the vehicle from rolling when jacked up.	-Being struck by passing vehicle -Losing control of vehicle -Vehicle movement if on incline, or soft, uneven ground -Poor illumination - if at evening	-Slowly come to a stop. Do not apply brakes sharply. -If possible, move off main road and identify quiet parking spot. -If poor illumination park under light. -If not possible to move off busy road, remain in vehicle and call roadside assistance or traffic police. -Park on level, firm surface. -Apply handbrake. -Turn on hazard lights. -Put transmission in reverse (if manual) or park (if automatic). -Remove key from ignition. -Get all passengers out of vehicle. -Place safety triangles or safety cones on the road and wear high visibility jacket (if available). -Check wheel diagonally opposite the flat tyre to prevent any movement.
2	Remove the spare tire, jack and tyre iron from the trunk. Follow manufacturer instructions to remove each item. Spare tyres should be secured and covered when stored. Use good body mechanics for all procedures. Ensure a safe and effective grip on tools.	-Sprain, strain from twisting, turning, or lifting	-Stand the spare tyre up and roll it out of the vehicle. -Remove one item of equipment at a time. -Hold item(s) close to body. -Roll spare tyre adjacent to flat.
3	Pry off the hubcap (wheel ornament). - Carefully pry off the hubcap (wheel ornament) using the beveled end of the lug (wheel) nut wrench.		





Integrated Processes

The module integrates with:

Action Management

To manage actions for all modules in a consistent and centralized way.

Control Register

For the implementation of controls to manage hazards.

Obligation Register

To associate any hazards of non-compliance.

Chemical Register

To link known hazards with specific chemicals.

Equipment

To specify the equipment as part of a Job.

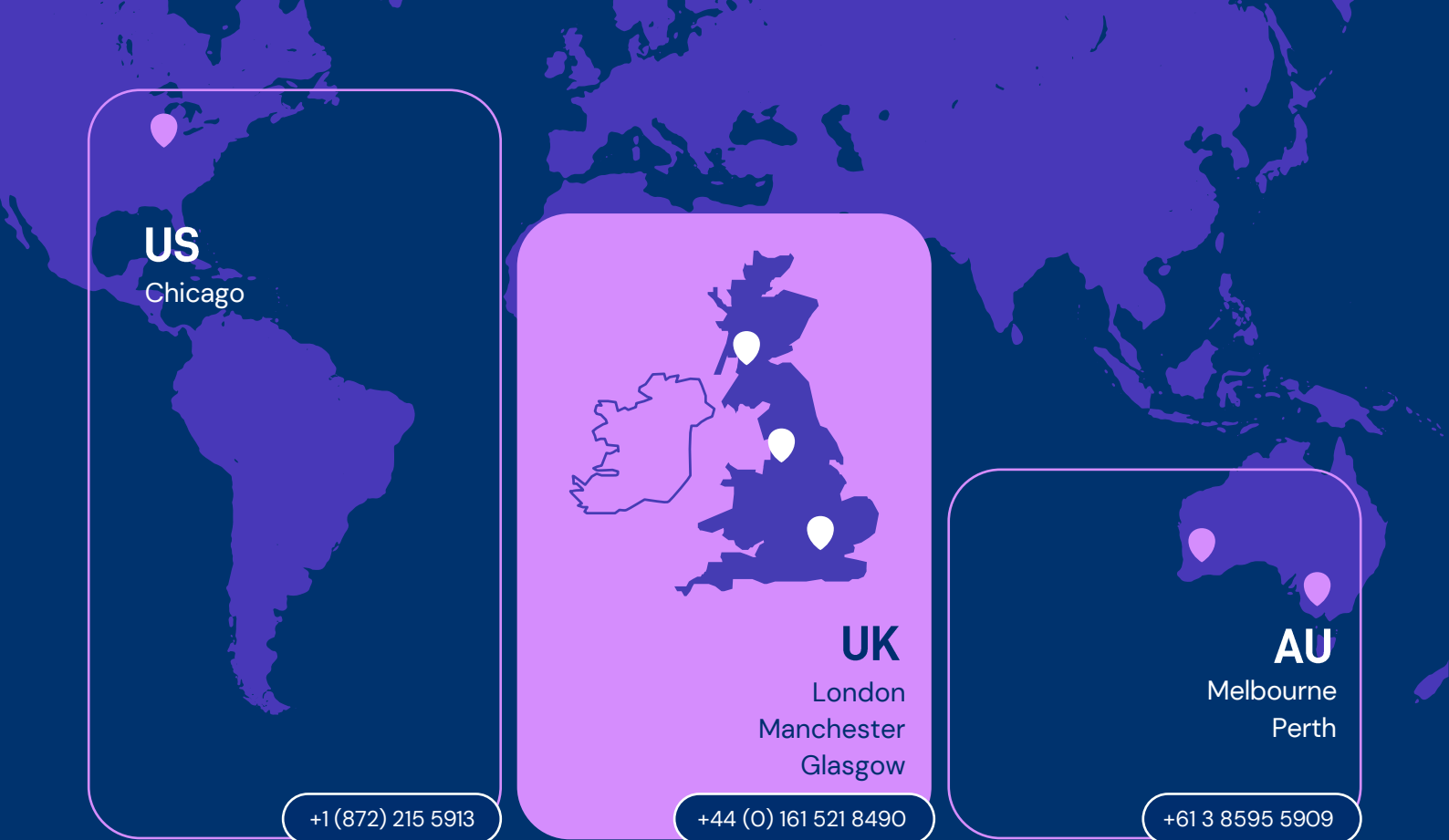
PPE

To specify the PPE required for a Job

Ergonomic Assessment

To assess the ergonomic impacts of a task and mitigate risks.

Our solution is highly configurable, and the above forms, workflow, reports, dashboards, and integrated processes can be tailored or extended to suit your needs.



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Let's chat

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Our Evotix team is passionate about applying market leading technology to create safer, smarter workplaces, partnering with organizations that value people's safety, communities and the planet.

As safety professionals and long-term leaders in the Verdantix EHS Green Quadrant, our deep and practical insight addresses your evolving needs, helping you achieve your health, safety and sustainability goals.

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partner for the journey.**

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