

AI for NGO, Government and Business

# AI for Safety, Health and Environment Management

Prepared as a professional course profile for delegate review, sponsorship approval and organisational training planning.

COURSE CODE

**MSDI**

DELIVERY

**Online / Face-to-Face**

DURATION

**Flexible**

PREPARED FOR

**Organisation Approval**

[Register for this Course](#)

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## Course Overview

Safety, Health and Environment professionals can use AI to improve hazard identification, incident analysis, compliance monitoring, risk assessment and workplace prevention strategies.

This Magna Skills course provides practical AI tools for safer and more compliant workplaces. It focuses on how AI can assist with risk registers, incident reports, inspection checklists, toolbox talks and prevention planning.

The programme helps SHE professionals improve reporting quality, identify trends and strengthen organizational safety culture through responsible AI use.

## Course Outcomes

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### Course Outcomes

1. Use AI tools to support hazard identification, risk assessment and prevention planning.
2. Analyze incident reports, root causes, trends and corrective actions more effectively.
3. Improve SHE compliance reporting, inspection checklists and safety documentation.
4. Develop better safety communication, toolbox talks and emergency preparedness materials.
5. Apply responsible AI practices in safety, health, environment and workplace data management.

# Course Outline / Curriculum

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## Course Outline

### Module 1: AI in Safety, Health and Environment management

- Key concepts, practical examples and sector-based discussion.
- Workplace application activity, templates and implementation considerations.

### Module 2: Hazard identification and risk assessment support

- Key concepts, practical examples and sector-based discussion.
- Workplace application activity, templates and implementation considerations.

### Module 3: Incident analysis and corrective action planning

- Key concepts, practical examples and sector-based discussion.
- Workplace application activity, templates and implementation considerations.

### Module 4: Compliance inspections and reporting

- Key concepts, practical examples and sector-based discussion.
- Workplace application activity, templates and implementation considerations.

### Module 5: Safety communication and toolbox talks

- Key concepts, practical examples and sector-based discussion.
- Workplace application activity, templates and implementation considerations.

### Module 6: Emergency preparedness and response planning

- Key concepts, practical examples and sector-based discussion.
- Workplace application activity, templates and implementation considerations.

### Module 7: Trend analysis and prevention strategies

- Key concepts, practical examples and sector-based discussion.
- Workplace application activity, templates and implementation considerations.

### Module 8: Environmental health monitoring support

- Key concepts, practical examples and sector-based discussion.
- Workplace application activity, templates and implementation considerations.

### Module 9: Responsible AI use in SHE documentation

- Key concepts, practical examples and sector-based discussion.
- Workplace application activity, templates and implementation considerations.

## Module 10: Developing AI SHE templates and checklists

- Key concepts, practical examples and sector-based discussion.
- Workplace application activity, templates and implementation considerations.

## Target Audience

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SHE managers, safety officers, compliance officers, risk officers, operations managers, environmental health officers, facility managers, supervisors, quality assurance teams, workplace inspectors, project teams and organizational health and safety committees.

## Key Course Benefits

### Work-Ready Skills

Delegates leave with practical tools, templates and methods they can apply immediately at work.

### Better Institutional Results

The programme supports stronger planning, reporting, compliance, accountability and service delivery.

### Sponsor-Friendly

This document is designed to help supervisors, HR units and sponsors approve delegate participation quickly.

### Professional Recognition

Delegates receive training documentation and a certificate of completion after successful participation.

## Our Training Centres & Delivery Options

Magna Skills offers flexible delivery through face-to-face training centres across Africa and beyond, plus Online / E-Learning for delegates who prefer remote participation.

### Southern Africa

Practical training destinations with strong travel access and delegate support.

Pretoria, South Africa

Vic Falls, Zimbabwe

Livingstone, Zambia

### East Africa

Popular regional centres for government, NGO and donor-funded project teams.

Kigali, Rwanda

Kampala, Uganda

Nairobi,

Zanzibar, Tanzania

### West Africa & Islands

Strategic locations for regional networking and executive capacity building.

Accra, Ghana

Port Louis, Mauritius

### International Executive Venue

Premium destination training for senior teams and international delegates.

Dubai, United Arab Emirates

### Online / E-Learning

Attend from anywhere through live online, blended or self-paced learning options.

Online, E-Learning

Remote Teams

Flex

### Organisation-Based Training

Magna Skills can also arrange dedicated in-house training for ministries, NGOs and companies.

Onsite

Custom Dates

Group Training

## Ready to Nominate Delegates?

Use the links below to register, review the live course page or contact Magna Skills for organisation-based training support.

[Register / Apply Online](#)

[View Full Course Page](#)

## About Magna Skills

Magna Skills Development Institute provides practical capacity building programmes for government departments, NGOs, public institutions, donor-funded projects and private sector professionals across Africa. Our training approach combines expert facilitation, real workplace case studies, practical tools, post-training support and professional documentation that helps organisations strengthen staff performance and service delivery.

Government Training

NGO Capacity Building

Corporate Workshops

Online Learning

Face-to-Face Training

Certifica

## Approval & Authorisation Form

This section may be completed by the organisation, department, HR office, finance office or sponsor approving delegate participation. It can be attached to an internal memo, procurement request or training approval submission.

<b>Organisation / Department</b>	
<b>Delegate Name(s)</b>	
<b>Approved Course</b>	AI for Safety, Health and Environment Management
<b>Preferred Delivery Mode</b>	<input type="checkbox"/> Online <input type="checkbox"/> Face-to-Face <input type="checkbox"/> Organisation-Based Training
<b>Preferred Training Venue / Date</b>	
<b>Estimated Number of Delegates</b>	
<b>Budget / Vote Number</b>	
<b>Contact Person</b>	
<b>Email / Mobile</b>	

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Authorised Name

\_\_\_\_\_  
Signature / Stamp

\_\_\_\_\_  
Date