



ISO 45001:2018

**“OCCUPATIONAL HEALTH & SAFETY
MANAGEMENT SYSTEM”**

ENCARDIO RITE GEOSYSTEMS (L L C)

TABLE OF CONTENTS

S.NO.	DESCRIPTION	INDEX
1	OHS Manual	1
2	OHS Policy	2
3	Legal Requirements	3
4	Control of Documentation	4
5	Context of the Organization	5
6	Hazard & Risk Management	6
7	Emergency Preparedness	7
8	Objectives and Targets	8
9	Procurement	9
10	Training & Competency	10
11	Personal Protective Equipment	11
12	Measurement and Monitoring	12
13	Incident Reporting	13
14	Consultation & Communication	14
15	Internal Audit	15
16	Management Review	16
17	Management of Subcontractors	17

OHSMS Policy

ENCARDIO RITE GEOSYSTEMS (L L C) is committed to maintaining a safe and healthy working environment for all employees, contractors, visitors, and others affected by its activities. ENCARDIO RITE GEOSYSTEMS (L L C) recognizes that effective health and safety management not only protects individuals but also contributes to business success. A strong commitment to safety ensures continuous improvement and adaptation in response to changes in our operations.

Key objectives:

- *Compliance with Legal Requirements: ENCARDIO RITE GEOSYSTEMS (L L C) ensures full compliance with applicable health, safety, and welfare laws to protect employees and others affected by our activities.*
- *Visitor and Public Safety: ENCARDIO RITE GEOSYSTEMS (L L C) is committed to preventing exposure to health and safety risks for visitors, contractors, and the general public during our activities.*
- *Hazard Identification and Risk Management: ENCARDIO RITE GEOSYSTEMS (L L C) works to identify hazards, assess risks, and implement controls to manage those risks across all operational areas.*
- *Employee Consultation and Training: ENCARDIO RITE GEOSYSTEMS (L L C) consults with employees to ensure they are informed of risks and adequately trained, particularly in high-risk areas.*
- *Coordination with Contractors: ENCARDIO RITE GEOSYSTEMS (L L C) ensures coordination and cooperation with contractors to maintain health and safety standards.*
- *Safe Equipment and Systems: Maintain safe equipment and systems for use by employees and contractors.*
- *Safe Handling and Storage: Ensure the safe handling, storage, and transport of materials and equipment.*
- *Emergency Procedures: Implement clear emergency response procedures to address incidents effectively.*
- *Positive Safety Culture: Foster a positive safety culture through active participation from all employees and stakeholders.*
- *Commitment to Worker Consultation: ENCARDIO RITE GEOSYSTEMS (L L C) involves workers in the development, review, and implementation of health and safety practices.*

This statement will be reviewed annually to ensure it remains effective and relevant to our activities and legal requirements.



AUTHORIZED SIGNATURE





ENCARDIO RITE GEOSYSTEMS (L L C)

OCCUPATIONAL HEALTH & SAFETY MANAGEMENT SYSTEM

MANUAL

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Contents

CONTENTS	3
0 INTRODUCTION	5
1.0 SCOPE	5
2.0 NORMATIVE REFERENCES:	6
3.0 TERMS & DEFINITIONS.....	6
4 CONTEXT OF THE ORGANIZATION.....	9
4.1 Understanding context of the organization	9
4.2 Understanding the needs and expectations of workers and other interested Parties	10
4.3 Determining the scope of the integrated management system.....	12
4.4 OHS Management System	12
5.0 LEADERSHIP AND WORKER PARTICIPATION	12
5.1 Leadership and Commitment	12
5.2 OHS Policy	13
5.3 Organizational Roles, Responsibilities and Authorities	13
5.4 Consultation and Participation of workers	15
6.0 PLANNING	15
6.1 Actions to address risks & opportunities.....	15
6.1.1 General	15
6.1.2 Hazard identification and assessment of risks and opportunities.....	15
6.1.3 Determination of legal requirements and other requirements	18
6.1.4 Planning action	18
6.2 OH&S objectives and planning to achieve them	18
6.2.1 OHS objectives	18
6.2.2 Planning to achieve OHS objectives	19
7 SUPPORT.....	19
7.1 Resources.....	19
7.2 Competence and Training	19
7.3 Awareness	19
7.4 Communications	20
7.4.1: General	20

7.4.2 Internal communication	20
7.4.3: External communication.....	21
7.5 Documented Information.....	22
7.5.1 General	22
7.5.2 Creating and updating	22
7.5.3 Control of documented information	22
8.0 OPERATION	ERROR! BOOKMARK NOT DEFINED.
8.1 Operational Planning and Control.....	Error! Bookmark not defined.
8.1.1 General	Error! Bookmark not defined.
8.1.2: Eliminating Hazards and Reducing OH&S Risks	Error! Bookmark not defined.
8.1.3 Management of Change.....	Error! Bookmark not defined.
8.1.4 Procurement.....	Error! Bookmark not defined.
8.2 Emergency preparedness and response.....	Error! Bookmark not defined.
9 PERFORMANCE EVALUATION.....	23
9.1 Monitoring, measurement, analysis, and evaluation.....	25
9.1.1 General	25
9.2 Internal Audit	26
9.2.1 General	26
9.2.2 Internal Audit Programme	27
9.3 Management Review	27
10 IMPROVEMENT	28
10.1 General	28
10.2 Incident, nonconformity and corrective action	28
10.3 Continual improvement.....	29

0 Introduction

OHS Management System

This manual describes the OHS Management System, which is established and implemented by **ENCARDIO RITE GEOSYSTEMS (L L C)**, UAE; in order to provide safe and healthy workplaces, prevent work-related injury and ill health and continually improve its OHS performance.

The purpose of OHSMS is to:

- Define the scope of the OHS Management System applied in ENCARDIO RITE GEOSYSTEMS (L L C)
- To provide a framework for managing OH&S risks and opportunities.
- To prevent work related injury and ill health to workers and to provide safe and healthy workplaces
- To eliminate hazards and minimize OH&S risks by taking effective preventive and protective measures
- Describe the interactions between the processes,
- Define the authorities and responsibilities of the top management personnel,
- Provide general procedures (or reference to them) for all activities necessary for the OHS Management System,
- Present our OHS Management System to our client(s) or other interested parties in order to inform them what specific controls are in place and implemented.
- compliance with its legal requirements and other requirements

Company Profile

Please attach company profile or give details here

1.0 Scope

ENCARDIO RITE GEOSYSTEMS (L L C) has developed and implemented an OHS Management System to provide safe and healthy workplaces by preventing work-related injury and ill health, as well as by proactively improving its OH&S performance, to comply with applicable laws and regulations, to eliminate hazards and minimize OHS risks, take advantage of OHS opportunities, and address OHS management system nonconformities associated with its activities and improve the OHS Management of the company.

The OHS Management System complies with the requirements of the international Standards **ISO 45001:2018**. It covers occupational health and safety-related activities of the concerned departments or areas.

2.0 Normative References:

The following reference documents have been used in the preparation of ENCARDIO RITE GEOSYSTEMS (L L C)'s OHSMS manual.

ISO 9000:2015 Quality Management Systems – Fundamental and Vocabulary

ISO 19011:2018 Guidelines for Auditing Management System

ISO 45001:2018 Occupational health and safety management system requirements

ISO 31000:2018 Risk Management

3.0 Terms & Definitions

S.No	Terms	Definitions
1.	audit	systematic, independent and documented process for obtaining objective evidence and evaluating it objectively to determine the extent to which the audit criteria are fulfilled
2.	audit programme	set of one or more audits planned for a specific time frame and directed towards a specific purpose
3.	audit scope	extent and boundaries of an audit
4.	audit plan	description of the activities and arrangements for an audit
5.	audit criteria	set of policies, procedures or requirements used as a reference against which objective evidence is compared
6.	audit findings	results of the evaluation of the collected audit evidence against audit criteria
7.	Auditee	organization being audited
8.	Auditor	person who conducts an audit
9.	OHS management system consultant	person who assists the organization on OHS management system realization, giving advice or information
10.	technical expert	person who provides specific knowledge or expertise to the audit team
11.	Observer	person who accompanies the audit team but does not act

		as an auditor
12.	Competence	ability to apply knowledge and skills to achieve intended results
13.	compliance obligations	legal requirements that an organization has to comply with and other requirements that an organization has to or chooses to comply with
14.	conformity	fulfilment of a requirement
15.	nonconformity	non-fulfilment of a requirement
16.	context of the organization	combination of internal and external issues that can have an effect on an organization's approach to developing and achieving its objectives
17.	consultation	seeking views before making a decision
18.	continual improvement	recurring activity to enhance performance
19.	correction	action to eliminate a detected nonconformity
20.	corrective action	action to eliminate the cause of a nonconformity and to prevent recurrence
21.	customer	person or organization that could or does receive a product or a service that is intended for or required by this person or organization
22.	document	information and the medium on which it is contained
23.	documented information	information required to be controlled and maintained by an organization and the medium on which it is contained
24.	environment	surroundings in which an organization operates, including air, water, land, natural resources, flora, fauna, humans and their interrelationships
25.	external provider	provider that is not part of the organization
26.	Hazard	source with a potential to cause injury and ill health
27.	Incident	occurrence arising out of, or in the course of, work that could or does result in injury and ill health
28.	Accident	An incident where injury and ill health occurs is sometimes referred to as an "accident".
29.	Near Miss	occurrence arising out of, or in the course of, work that could or does result in injury and ill health
30.	infrastructure	system of facilities, equipment and services needed for the

		operation of an organization
31.	injury and ill health	adverse effect on the physical, mental or cognitive condition of a person
32.	interested party	person or organization that can affect, be affected by, or perceive itself to be affected by a decision or activity
33.	monitoring	determining the status of a system, a process or an activity
34.	outsource	make an arrangement where an external organization performs part of an organization's function or process
35.	objective	result to be achieved
36.	Policy	intentions and direction of an organization, as formally expressed by its top management
37.	strategy	plan to achieve a long-term or overall objective
38.	vision	aspiration of what an organization would like to become as expressed by top management
39.	mission	Organization's purpose for existing as expressed by top management
40.	participation	involvement in decision-making
41.	procedure	specified way to carry out an activity or a process
42.	process	set of interrelated or interacting activities which transforms inputs into outputs
43.	OHS manual	specification for the OHS management system of an organization
44.	OHS plan	specification of the procedures and associated resources to be applied when and by whom to a specific object
45.	record	document stating results achieved or providing evidence of activities performed
46.	project	unique process, consisting of a set of coordinated and controlled activities with start and finish dates, undertaken to achieve an objective conforming to specific requirements, including the constraints of time, cost and resources
47.	project management	planning, organizing, monitoring, controlling and reporting of all aspects of a project, and the motivation of all those involved in it to achieve the project objectives
48.	requirement	need or expectation that is stated, generally implied or

		obligatory
49.	regulatory requirement	obligatory requirement specified by an authority mandated by a legislative body
50.	statutory requirement	obligatory requirement specified by a legislative body
51.	Risk	effect of uncertainty
52.	risks and opportunities	potential adverse effects (threats) and potential beneficial effects (opportunities)
53.	OH&S risk	combination of the likelihood of occurrence of a work-related hazardous event(s) or exposure(s) and the severity of injury and ill health that can be caused by the event(s) or exposure(s)
54.	OH&S opportunity	circumstance or set of circumstances that can lead to improvement of OH&S performance
55.	Worker	person performing work or work-related activities that are under the control of the organization
56.	workplace	place under the control of the organization where a person needs to be or to go for work purposes
57.	work environment	set of conditions under which work is performed
58.	product	output of an organization that can be produced without any transaction taking place between the organization and the customer
59.	service	output of an organization with at least one activity necessarily performed between the organization and the customer

4 Context of the organization

4.1 Understanding context of the organization

ENCARDIO RITE GEOSYSTEMS (L L C) has established and implemented OHSMS maintains and continually improve its OH&S management system. ENCARDIO RITE GEOSYSTEMS (L L C) recognizes that the issues of the organization are of great consideration. So, the Issues which are external and internal are handled with the following ways.

External Issues:

ENCARDIO RITE GEOSYSTEMS (L L C) analyze the external issues as “Strength, Weaknesses, Opportunities and threats (SWOT)” or “Political, Economic, Social-cultural, Technological, Legal and Environment (PESTLE) also Political, Economic, Social-cultural, Technological PEST” when required. As opportunities and threats section of SWOT covers the external factors. PESTLE or PEST gives clear, broad and precise analysis for external factors.

Internal Issues

ENCARDIO RITE GEOSYSTEMS (L L C) considers the internal issues which affects or prevents the OHSMS success or improvement. ENCARDIO RITE GEOSYSTEMS (L L C) internal issues may be listed as “Overall performance of the organization, resource factors (infrastructure, environment of the operation, organizational knowledge), human aspects, operational factors and governance of the organization etc.

During the annual business planning cycle ‘ENCARDIO RITE GEOSYSTEMS (L L C) carries out SWOT analysis. It enables the organization to understand the organization strength and weakness identify external and internal opportunities that can be exploited and helps prepare in advance for threats they face. It offers also its leaders to compare and benchmark their performances with the competitors and know exactly the current situation of the organization.

Reference: Context of the organization Procedure

4.2 Understanding the needs and expectations of workers and other interested Parties

ENCARDIO RITE GEOSYSTEMS (L L C) determines interested parties in addition to workers and the requirements of the workers and interested parties that are relevant to the OHS management System. ENCARDIO RITE GEOSYSTEMS (L L C) monitors and review information about workers and other interested parties and their relevant requirements. Some of the interested parties other than workers for ENCARDIO RITE GEOSYSTEMS (L L C) may be as customers, medical and other community services, parent organizations, contractors and subcontractors, workers’ representatives, workers’ organizations (trade unions) and employers’ organizations, end users or beneficiaries, owners, shareholders, bankers, external providers, employees and others working on behalf of the organization, legal and regulatory authorities (local, regional, state/provincial, national or international), trade and professional associations, local community groups, non-governmental organizations, local neighboring organizations/activities in the locality, competitors etc.

Monitoring and analysis of needs and expectations of interested parties is conducted on the regular basis in accordance with the diagram shown in fig.4.2

Interested parties	Basic needs and expectations of an interested party	Form of information about the needs and expectations of an interested party
Workers	No injuries. Minimizing negative impact on health. Adapting of work, its organization and environment to workers. Ensuring favorable conditions for production and occupational	Consultation and participation of Workers (sec .5.4) Internal communication (sec .7.4.2)

	safety. Providing means of individual protection, protective clothing.	
Owners, shareholders	Minimizing risks and losses. Increasing market capitalization.	Consultation and participation of workers (sec .5.4) Internal communication (sec.7.4.2)
State through legal and regulatory bodies (local, regional, state /provincial, national or international)	Increasing of life expectancy, as a component of sustainable development of the state. Observance of national laws and international norms by all subjects of occupational safety at all levels. Implementation of state policy in the field of occupational safety.	Legal requirements reviewed by the Occupational safety department (sec.6.1.3)
Society	Health of the Nation	External communication (sec.7.4.3)
Consumers	Minimizing the risks of injuries when receiving a service. Moral satisfaction from the fact that the consumed products are not connected with injuries and harmful production.	Information on customer relations -analyzed and used as advertising by marketing and sales services.
Providers	increasing the organization's loyalty.	Procurement requirements include OH&S requirements (sec.8.1.5)

Contractors	Minimizing OH&S Hazards and Risks.	Coordination with contractors in OH&S hazard identification and risk assessment (sec .8.1.6)
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Reference Documented Information: Understanding Context of the Organization Procedure

4.3 Determining the scope of the integrated management system

ENCARDIO RITE GEOSYSTEMS (L L C)determines the processes needed for the OHSMS and their application throughout the organization. ENCARDIO RITE GEOSYSTEMS (L L C)has defined the boundaries and applicability of the OHS management system. The boundaries and applicability include the whole organization of ENCARDIO RITE GEOSYSTEMS (L L C)Top management of ENCARDIO RITE GEOSYSTEMS (L L C)has dedicated its own functions, responsibilities and authorities for establishing an OHS management system. OHSMS of ENCARDIO RITE GEOSYSTEMS (L L C)gives full detail of activities, products and services that have or can impact the organization's OH&S performance, or to evade its legal requirements and other OHSMS requirements of ENCARDIO RITE GEOSYSTEMS (L L C)the following scope of activities:

- Measuring & Control System Installation
- Measuring & Control Systems Trading

4.4 OHS Management System

ENCARDIO RITE GEOSYSTEMS (L L C)established and implemented the OHSMS, which is maintained and continually improved according to the requirements of the ISO 45001:2018 standard including processes needed and their interactions.

ENCARDIO RITE GEOSYSTEMS (L L C) identifies the processes needed for the OHS Management System and their application throughout the organization, determines the sequence and interaction of these processes, determines criteria and methods needed to ensure that both the operation and control of these processes are effective, ensures the availability of resources and information necessary to support the operation and monitoring of these processes, monitors, measures and analyzes these processes, and implements actions necessary to achieve intended outcomes and continual improvement of these processes.

5.0 Leadership and Worker participation

5.1 Leadership and Commitment

The top management of ENCARDIO RITE GEOSYSTEMS (L L C)is taking responsibility and accountability for the effectiveness of the OHSMS and providing resources to ensure that work-related injury and ill-Health is prevented, and safe and healthy workplaces and activities are provided, OHS Policy and OHS Objectives are established and are compatible with the strategic direction and the context of the organization.

ENCARDIO RITE GEOSYSTEMS (L L C)	Document Title: OHS Manual	Doc. No: OHS-MN-01 Revision 00 Dated: 20 June 2025	Page 12 of 29
-------------------------------------	-------------------------------	--	---------------

The top management ensures that OHSMS requirements are integrated into ENCARDIO RITE GEOSYSTEMS (L L C)'s business processes, and that the OHSMS is achieving its intended outcomes.

The top management of ENCARDIO RITE GEOSYSTEMS (L L C) also demonstrates leadership and commitment with respect to the OHS management system by:

- ensuring and promoting continual improvement
- directing and supporting persons to contribute to the effectiveness of the OHS management system,
- supporting other relevant management roles to demonstrate their leadership as it applies to their areas of responsibility,
- developing, leading and promoting a culture in the organization that supports the intended outcomes of the OHS management system,
- protecting workers from reprisals when reporting incidents, hazards, risks and opportunities,
- ensuring the organization establishes and implements a process for consultation and participation of workers,
- supporting the establishment and functioning of health and safety committees

5.2 OHS Policy

Top management has established, implemented and maintains an OHS policy that outlines the long-term direction of the organization to support and continually improve its OHS performance. The OHS policy is available as documented information for workers and other interested parties and communicated with in the organization through

- Notice board
- In team briefing and toolbox talks
- Verbal communication to Staff
- Internal Memos
- Email
- Display of OHS policy and objectives
- Management Reviews / minutes of meetings
- Internal training activities or induction

Top management of ENCARDIO RITE GEOSYSTEMS (L L C) reviews the policy as time to time if there is a change in technology, organization and legislation or if there is a major accident.

5.3 Organizational Roles, Responsibilities and Authorities

Key responsibilities and authority for effectively implementing the OHS management system is described below. Detailed responsibilities are defined as job descriptions and communicated to the employees.

Top Management:

Top Management Responsibilities are

- Directing and coordinating all management policies.
- Ensuring that the OHS policy and OHS objectives are established for the OHS management system and are compatible with the context and strategic direction of the organization.
- Providing adequate resources for the effective implementation of the OHS management System.
- Carrying out periodic management reviews of the OHS management System.
- Ensure that the company has the appropriate processes and system to monitor and control its operations effectively and achieve its intended outcomes.
- Allocating resources for OHS procedures, measures and training.
- Ensuring that lower levels of management give priority to OHS

Middle Management:

Middle Management responsibilities are

- provision & maintenance of workplaces & equipment that are safe & without risk to health,
- Risk assessments are conducted,
- Appropriate rules & procedures are established,
- Work methods that are used are safe,
- Necessary instructions & training is given,
- Adequate supervision of work
- Availability of adequate PPE,
- Organizing work so that it does not adversely affect OHS,
- Co-operation with other managers, workers & contractors,
- Participation in consultation with workers,
- Taking part in accident investigations
- Evaluation of compliance with arrangements, procedures & rules,
- Appropriate corrective & improvement actions are taken when required,
- Appropriate OHS records are kept

All Employees/Workers:

All employees' responsibilities are:

- To follow the organization rule and regulations which are mandatory for everyone.
- To Operate all equipment in a safe and efficient way according to all relevant legislation, policies and procedures
- To clean the work area and maintain the good and efficient housekeeping.
- To check all equipment before use and do not operate any machine, equipment or tools if you are not trained/skilled/experienced.
- Proper disposal of waste according to the waste management procedures.
- Storage of all tools and equipment in the toolbox or designated place.
- To adhere to the OHS relevant legislation/ regulation/ policies and procedures.

- To ensure that his or her actions will not jeopardize the health or safety of others.
- To carry out daily inspections of the workplace and rectify any unsafe/untidy conditions immediately or were necessary refer upwards to the supervisor.
- To report all incident, unsafe act/condition, Dangerous occurrences.
- Not to use defective equipment. Informed to concern dept. /persons.

Reference: Organization Chart, Job Descriptions

5.4 Consultation and Participation of workers

Top management of ENCARDIO RITE GEOSYSTEMS (L L C) considers consultation and participation of workers as one of the key factors of success for organization OHS management system. ENCARDIO RITE GEOSYSTEMS (L L C) fully emphasizes the consultation and participation of workers in the development, planning, implementation, performance evaluation and actions for improvement of the OH&S management system.

Reference: Consultation and participation procedure

6.0 Planning

6.1 Actions to address risks & opportunities

6.1.1 General

ENCARDIO RITE GEOSYSTEMS (L L C) has developed a risk management framework that enables the organization to manage various organizational risks and opportunities. ENCARDIO RITE GEOSYSTEMS (L L C) determines and assesses the risks and opportunities that are relevant to the intended outcomes of the OHS management system associated with changes in the organization, its processes or the OHS management system.

ENCARDIO RITE GEOSYSTEMS (L L C) addresses risk and opportunities as

- Identify what risk and opportunities are
- Analyze and prioritize the risk and opportunities in the organization
- Plan actions to address the risk and opportunities
- Implement the plan

Addressing risk and opportunity ENCARDIO RITE GEOSYSTEMS (L L C) take into account:

- hazards
- OHS risks and other risks
- OHS opportunities and other opportunities
- legal requirements and other requirements

Reference: Risk Management Procedure

6.1.2 Hazard identification and assessment of risks and opportunities

6.1.2.1 Hazard identification

ENCARDIO RITE GEOSYSTEMS (L L C)has established, implemented and maintains the procedure for hazard identification that is on-going and proactive. Hazard identification helps the organization recognize and understand the hazards in the workplace and to workers, in order to assess, prioritize and eliminate hazards or reduce OHS risks. Hazard can be physical, chemical, biological, psychosocial, mechanical, and electrical or based on movement and energy.

To identify the Hazard ENCARDIO RITE GEOSYSTEMS (L L C)considers

- Social factors like workload, working hour, victimization, harassment & bullying, leadership & culture of the organization
- Routine and non-routine activities and situations including hazards arising from:
 - Infrastructure, equipment, material, substances and the physical condition of the workplace.
 - product and service design, research, development, testing, production, assembly, construction, service delivery, maintenance and disposal
 - human factors
 - how work is performed
- Past relevant incidents, internal or external to the, including emergencies, and their causes.
- Potential emergency situations
- People, including consideration of:
 - those with access to the workplace and their activities, including workers, contractors, visitors and other persons.
 - those in the vicinity of the workplace who can be affected by the activities of the organization.
 - workers at a location not under the direct control of the organization;
- Other issues, including consideration of:
 - The design of work areas, processes, installations, machinery/equipment, operating procedures and work organization, including their adaptation to the needs and capabilities of the workers involved;
 - Situations occurring in the vicinity of the workplace caused by work-related activities under the control of the organization;
 - Situations not controlled by the organization and occurring in the vicinity of the workplace that can cause injury and ill health to persons in the workplace;
- Actual or proposed changes in organization, operations, processes, activities and OH&S management system (see 8.1.3);
- Changes in knowledge of, and information about, hazards.

Reference: Risk Management and Opportunity Management Procedure

6.1.2.2 Assessment of OHS risks and other risks to the OHS management system

ENCARDIO RITE GEOSYSTEMS (L L C)has established the procedure of Hazard Identification & risk assessment to determine the controls that are necessary to reduce the risk of injury and/or ill health. The purpose of risk assessment is to address the hazards that might arise in the course of ENCARDIO RITE GEOSYSTEMS (L L C)'s activities and ensure that the risks to people arising from these hazards are assessed, prioritized and controlled.

ENCARDIO RITE GEOSYSTEMS (L L C)	Document Title: OHS Manual	Doc. No: OHS-MN-01 Revision 00 Dated: 20 June 2025	Page 16 of 29
-------------------------------------	-------------------------------	--	---------------

This is achieved by:

- Developing a methodology for hazard identification and risk assessment;
- Identifying hazards;
- Estimating the associated risk levels, taking into account the adequacy of existing controls, based on an assessment of the likelihood of the occurrence of a hazardous event or exposure and the severity of injury or ill health that can be caused by the event or exposure;
- Determining whether these risks are acceptable viz a viz the organization's legal obligations and its OH&S objectives;
- Determining the appropriate risk controls, where these are found to be necessary;
- Documenting the results of the risk assessment;
- Reviewing the hazard identification and risk assessment process on an ongoing basis.

ENCARDIO RITE GEOSYSTEMS (L L C) is considering the risks which are not directly related to the health and safety of people, but which affect the OH&S management system itself and can have an impact on its intended outcomes.

Risks to the OH&S management system include:

- Failure to understand the context of the organization;
- Failure to address the needs and expectations of relevant interested parties;
- Inadequate consultation and participation of workers;
- Inadequate planning or allocation of resources;
- An ineffectual audit programme;
- An incomplete management review;
- Poor succession planning for key roles;
- Poor engagement by top management.

6.1.2.3 Assessment of OH&S opportunities and other opportunities for the OHS management system

ENCARDIO RITE GEOSYSTEMS (L L C) established procedure to assess

- OH&S opportunities to enhance OH&S performance, while considering planned changes to the organization, its policies, processes or activities;
- Other opportunities for improving the OH&S management system.

Opportunities to improve OH&S performance can include:

- Consideration of hazards and risks when planning and designing facilities, processes, plant and equipment, and materials;
- Modification of working processes including the alleviation of monotonous and repetitive work;
- Introduction of new technology to ameliorate high-risk activities;
- Collaborating in forums that focus on issues relating to occupational health and safety.
- Introduction of job safety analysis and task-related assessments;
- Implementation of permit-to-work processes;

- Implementation of ergonomic and other injury prevention-related assessments;
- Improvement of the occupational health and safety culture of the organization;

Opportunities to improve the OH&S management system include:

- Enhancing the visibility of top management's support for the OH&S management system;
- Improving worker consultation and participation in OH&S decision making;
- Enhancing the incident investigation process;
- Improving two-way communication on OH&S issues and promoting OH&S in the work place;
- Expediting corrective actions to address OH&S nonconformities;
- Implementing OH&S objectives with the same passion as other business objectives;
- Improving competency in identifying hazards, dealing with OH&S risks and implementing appropriate controls;
- Adopting a risk assessment approach to conducting OH&S audits;
- Viewing workers at all levels as a key resource of the organization;
- Ensuring that the management review promotes a strategic and critical evaluation of the OH&S management system.

6.1.3 Determination of legal requirements and other requirements

ENCARDIO RITE GEOSYSTEMS (L L C) has established a procedure for the purpose of identifying, accessing and communicating legal and other requirements that are applicable to hazards, OHS risks and OHS management system. Additional information is also available through legal publications. Local regulations are identified, accessed and communicated by the management. At least annually management will review the most current national, regional, provincial, and local legal and other requirements applicable to ENCARDIO RITE GEOSYSTEMS (L L C) scope of activities.

6.1.4 Planning action

Actions planned by ENCARDIO RITE GEOSYSTEMS (L L C) are managed through the OHS management system and are integrated with other business processes, such as those established for the management of the environment, quality, business continuity, risk, financial or human resources.

ENCARDIO RITE GEOSYSTEMS (L L C) plans actions to

- Address these risks and opportunities
- Address legal requirements and other requirements
- Prepare for and respond to emergency situations

6.2 OH&S objectives and planning to achieve them

6.2.1 OHS objectives

ENCARDIO RITE GEOSYSTEMS (L L C) Management is committed to establishing OHS Objectives which are fully "SMART" (specific, measurable, achievable, realistic and time-

bound) and which are consistent to OHS policy. All these objectives established are relevant to the applicable requirements, the results of the assessment of risks and opportunities and the results of consultation with workers or workers' representatives. OHS objectives are integrated with other business objectives and are set at relevant functions and levels. Objectives can be strategic, tactical or operational. Objectives are communicated to all relevant persons and monitored at appropriate interval & updated as well.

6.2.2 Planning to achieve OHS objectives

In order to achieve the objective ENCARDIO RITE GEOSYSTEMS (L L C) is established an action plan. Action plan is based on the target to be achieved, resources required, and responsible person to achieve each objective, time frame for the achievement of each objective, method of result evaluation including indicator for monitoring & how ENCARDIO RITE GEOSYSTEMS (L L C) is integrating the actions to achieve the objectives to its business process. ENCARDIO RITE GEOSYSTEMS (L L C) is maintaining & retaining the documented information on the OHS objectives to be achieved & the action plan.

7 Support

7.1 Resources

ENCARDIO RITE GEOSYSTEMS (L L C) determines and provides the resources needed to implement and maintain the OHS management system and continually improves its effectiveness.

7.2 Competence and Training

A procedure of **Competence and Training**, is established, documented, implemented and maintained to determine the necessary competence for concerned staff whose work can affect OHS performance. ENCARDIO RITE GEOSYSTEMS (L L C) ensures that workers are competent (including the ability to identify hazards) on the basis of appropriate education, training or experience. Whenever required ENCARDIO RITE GEOSYSTEMS (L L C) is providing necessary training to the current employees and hires or contracting the competent persons and evaluate the effectiveness of the actions taken. ENCARDIO RITE GEOSYSTEMS (L L C) ensures that its personnel are aware of the relevance and importance of their activities and how they contribute to the achievement of the objectives, and maintain appropriate records of education, training, skills and experience.

Upon completion of each training, an evaluation of the effectiveness of the training is conducted through several means (e.g. Training Evaluation Record, Performance monitoring, etc.).

7.3 Awareness

ENCARDIO RITE GEOSYSTEMS (L L C) provides training for all employees in the skills and knowledge required to carry out their duties safely, efficiently and to the desired standard.

ENCARDIO RITE GEOSYSTEMS (L L C) ensures that persons doing work under the organization's control are aware of:

- a) The OHS policy & Relevant OHS objectives;

ENCARDIO RITE GEOSYSTEMS (L L C)	Document Title: OHS Manual	Doc. No: OHS-MN-01 Revision 00 Dated: 20 June 2025	Page 19 of 29
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- b) Their contribution to the effectiveness of the OHS management system, including the benefits of Improved performance;
- c) incidents and the outcomes of investigations that are relevant to them
- d) hazards, OH&S risks and actions determined that are relevant to them
- e) The implications of not conforming to the OHS management system requirements
- f) the ability to remove themselves from work situations that they consider present an imminent and serious danger to their life or health, as well as the arrangements for protecting them from undue consequences for doing so.

7.4 Communications

7.4.1: General

ENCARDIO RITE GEOSYSTEMS (L L C) established, implemented & maintaining a procedure for internal and external communications relevant to the OHS management system, which provides for the gathering, updating and dissemination of information and which encompasses the following

- What topics to communicate on;
- When to communicate;
- With whom to communicate (e.g. internally within the organization and/or externally with contractors, visitors and other interested parties);
- How to communicate.

Communications will be appropriate, comprehensible and intelligible for the audience at which it is aimed and take into account diversity aspects such as gender, language, culture, literacy and disability. ENCARDIO RITE GEOSYSTEMS (L L C) also take into account legal and other requirements and ensures that the information to be communicated is consistent with information generated within the OH&S management system and is reliable.

Information transmitted by internal or external communications, of interest to relevant interested parties, will be available when required.

ENCARDIO RITE GEOSYSTEMS (L L C) retaining documented information as evidence of its communications, as appropriate.

7.4.2 Internal communication

It is critically importance to effectively communicate information about OHS risks and the OHS management system, including changes to the OHSMS, at various levels and between various functions of the organization.

It includes information relating to

- Management's commitment to the OH&S management system;
- The identification of hazards and risks;
- OHS objectives and programmes to achieve them;
- Incident investigation;
- Progress in eliminating hazards and associated OH&S risks;

- Operational changes that might impact the OH&S management system;

ENCARDIO RITE GEOSYSTEMS (L L C) ensures that communication process enables workers to contribute to continual improvement of OHS management system.

7.4.3: External communication

ENCARDIO RITE GEOSYSTEMS (L L C) have procedure in place for receiving, documenting and responding to relevant communications from external interested parties, where appropriate. It includes the process for communicating with contractors and other visitors to the workplace. The extent of this communication should be related to the OH&S risks faced by these parties and will be further considered in clause 8.1.4.2 of the standard.

Service level agreements (SLAs), contracts and pre-project OHS planning meetings are often used to communicate on OHS issues to external providers such as contractors & ENCARDIO RITE GEOSYSTEMS (L L C) also use on-site induction to raise OHS awareness amongst contractors' workers.

In addition to communicating about specific OHS requirements relating to on-site and off-site activities, ENCARDIO RITE GEOSYSTEMS (L L C) taken into account when communicating with external providers, particularly contractors:

- Information about a contractor's OHS management system;
- Legal and other requirements that impact on the method or extent of communication;
- Previous OHS performance and history of notifiable incidents;
- The use of multiple contractors at the workplace;
- Emergency response;
- The need for alignment of the contractor's OHS practices with those of the organization and other contractors at the workplace;
- The need for additional consultation and/or contractual provisions relating to high-risk tasks;
- Reporting of OHS performance, incidents, nonconformities and corrective actions;
- Arrangements for regular communications.

For visitors such as delivery companies, clients, members of the general public and service provider specific OHS information are communicated as follows:

- OHS requirements relevant to their visit;
- Evacuation procedures and responses to alarms;
- Traffic controls;
- Access controls and escort function;
- Details relating to the wearing of personal protective equipment (PPE).

External communication processes often include the identification of designated contact personnel from within the organization. This allows for appropriate information to be communicated in a timely and consistent manner. This can be especially important in emergency situations where regular updates are required to be delivered in a clear and unambiguous manner.

7.5 Documented Information

7.5.1 General

Documented information of the OHSMS is carried out through the following documents:

- Health & Safety Policy, Health & Safety Objectives
- Health & Safety Manual
- Procedure for Documented Information
- Documents, including records, required by ISO 45001, will be given in the **List of Internal Documents**
- Documents, including records, which ENCARDIO RITE GEOSYSTEMS (L L C) has determined to be necessary, will be given in the **List of Internal Documents**

7.5.2 Creating and updating

The top management of ENCARDIO RITE GEOSYSTEMS (L L C) determined some criteria for creating and updating the documented information.

For the identification and description documented information, it decided to include a title, date and reference number.

SN	PUPOSE	ACTION/DETAILS
1	Identification and description	A title, date and reference number
2	Format	English
3	Media	Paper and Electronic
4	Suitability and adequacy	Review - By the HSE Manager Approval– General Manager

7.5.3 Control of documented information

The top management of ENCARDIO RITE GEOSYSTEMS (L L C) determined to control the documented information required by the quality management system and by this International Standard. To ensure that documented information of internal and external origin determined by ENCARDIO RITE GEOSYSTEMS (L L C) to be necessary for the planning and operation of the quality management system are identified and their distribution controlled, and ENCARDIO RITE GEOSYSTEMS (L L C) has established a procedure for controlling documents used in its quality management system. This control ensures that:

- a) Distribution, access, retrieval and use;
- b) Storage and preservation, including preservation of legibility;

- c) Control of changes (e.g. version control);
- d) Retention and disposition.

8.0 Operations

8.1 Operational Planning and Control

8.1.1 General

ENCARDIO RITE GEOSYSTEMS (L L C) has identified potential OHS hazards across its operations and has implemented controls to manage associated risks, ensuring compliance with applicable OHS legal requirements. The planning and control of processes are designed to enhance occupational health and safety by eliminating hazards or, if not practicable, reducing risks to levels as low as reasonably practicable across all operational areas and activities.

These operational controls are maintained and evaluated periodically for their effectiveness and include:

- Use of procedures, work instructions, process maps, and systems of work.
- Monitoring key characteristics and stipulated operating criteria.
- Ensuring the competence of workers across various sectors.
- Establishing preventive or predictive maintenance and inspection programs for equipment.
- Developing specifications for the procurement of goods and services related to operations.
- Applying controls related to contractors and visitors in relevant operational areas.
- Ensuring compliance with legal and other requirements for equipment used in operations.
- Applying engineering and administrative controls for improved safety.
- Adapting work to workers by defining or re-defining how work is organized, processes are executed, and by adopting ergonomic approaches when designing or modifying workplaces, equipment, etc.

Priority is given to controls with higher reliability in preventing work-related injuries and ill-health. The planning includes:

- Consultation and participation of workers.
- Hazard identification, and risk and opportunity assessment.
- Compliance with legal and other requirements.
- Planning, implementing, and maintaining OH&S objectives.
- Training and communication across all sectors.
- Control of documented information.
- Management of change.
- Procurement, contractor management, and outsourcing.
- Emergency preparedness and response.
- Monitoring, measurement, analysis, and performance evaluation.
- Internal audits and management review.
- Incident investigation.
- Nonconformity and corrective action.

ENCARDIO RITE GEOSYSTEMS (L L C)coordinates with relevant parts of its OHS management system with any other organization with which it shares its workplace. Documented information is maintained to ensure processes are carried out as planned.

8.1.2 Eliminating Hazards and Reducing OHS Risks

ENCARDIO RITE GEOSYSTEMS (L L C)has developed a hierarchy of control measures for eliminating hazards and reducing OHS risks across all operations. The hierarchy provides a structured approach to hazard elimination and risk reduction. Controls are prioritized as follows:

- a) Eliminate the hazard
- b) Substitute with less hazardous processes, operations, materials, or equipment
- c) Use engineering controls and reorganize work
- d) Use administrative controls, including training
- e) Use adequate personal protective equipment

In applying the hierarchy of controls, ENCARDIO RITE GEOSYSTEMS (L L C)considers the relative costs, risk-reduction benefits, and reliability of available options in its operations.

8.1.3 Management of Change

ENCARDIO RITE GEOSYSTEMS (L L C)has established and implemented a procedure for managing change that affects its OHS performance. This includes:

- New products, processes, or services.
- Changes to work locations, conditions, processes, procedures, equipment, or organizational structure.
- Changes to applicable legal or other requirements.
- Changes in knowledge regarding hazards and associated risks.
- Developments in knowledge and technology.

The procedure controls both temporary and permanent changes and reviews the consequences of unintended changes, taking actions when necessary to mitigate any adverse effects.

8.1.4 Procurement

8.1.4.1 General

ENCARDIO RITE GEOSYSTEMS (L L C)has established a procedure to control the procurement of products and services to ensure their conformity to the OHS management system. This process is used to control hazards and reduce OHS risks associated with purchasing products, hazardous chemicals, raw materials, equipment, and ancillary services in the operational areas.

8.1.4.2 Contractors

ENCARDIO RITE GEOSYSTEMS (L L C)coordinates procurement processes with contractors

to identify hazards and assess OHS risks arising from contractors' activities and their potential impact on operations, workers, and other interested parties. The procedure defines OHS criteria for selecting contractors and ensures compliance with OHS requirements.

8.1.4.3 Outsourcing

ENCARDIO RITE GEOSYSTEMS (L L C) has implemented controls to ensure that external providers understand their obligations, ensuring compliance with legal requirements and supporting the OHS management system's intended outcomes.

8.2 Emergency Preparedness and Response

ENCARDIO RITE GEOSYSTEMS (L L C) has established, implemented, and maintained procedures for preparing and responding to potential emergency situations across its operations. These procedures include:

- Establishing a planned response to emergencies, including providing first aid.
- Providing training for response capabilities.
- Periodically testing and exercising emergency response plans.
- Evaluating performance after exercises or actual emergencies, and revising response plans as necessary.
- Communicating duties and responsibilities to workers.
- Communicating emergency information to contractors, visitors, emergency services, authorities, and the local community.
- Involving relevant parties in emergency response planning.

The organization maintains and retains documented information on the procedures and plans for responding to emergencies.

9 Performance Evaluation

9.1 Monitoring, measurement, analysis, and evaluation

9.1.1 General

ENCARDIO RITE GEOSYSTEMS (L L C) implemented the procedure to monitor and measure the following in order to determine the performance of the OHSMS and evaluate its effectiveness:

- The extent to which legal and other requirements are fulfilled including, where applicable, all applicable OH&S legislation, collective agreements, standards and codes and insurance requirements.
- Characteristics of activities and operations related to the identified hazards, risks and opportunities.
- Progress in the achievement of the organization's OH&S objectives.
- Effectiveness of operational and other controls.

ENCARDIO RITE GEOSYSTEMS (L L C) determined appropriate methods for monitoring, measurement, analysis and performance evaluation in order to ensure valid results, decide

when the monitoring and measurement will be performed and when the results from monitoring and measurement will be analyzed, evaluated and communicated.

ENCARDIO RITE GEOSYSTEMS (L L C)ensured that monitoring and measurement equipment is calibrated or verified and that it is correctly used and maintained.

Insofar as measuring and monitoring are concerned, ENCARDIO RITE GEOSYSTEMS (L L C)uses both reactive and proactive measures of performance but should mainly focus on proactive measures in order to drive OHS performance improvement.

Proactive measures include:

- Assessment of compliance with legal and other requirements.
- Evaluation of the effectiveness of OHS training.
- Use of worker surveys to evaluate OHS culture and related worker satisfaction.
- Completion of statutory and other inspection schedules.
- The extent to which programmes have been implemented.
- The effectiveness of the worker consultation and participation process.
- Use of health screening.

Reactive measures include:

- Occurrence and rates of notifiable accidents and dangerous occurrences.
- Lost time incident rates.
- Monitoring of ill health.
- Actions required following assessments by regulatory bodies such as the HSA/HSE.

ENCARDIO RITE GEOSYSTEMS (L L C)retained appropriate documented information as evidence of the results of monitoring, measurement, analysis and evaluation and of the maintenance, calibration or verification of measuring instruments.

9.1.2 Evaluation of compliance

ENCARDIO RITE GEOSYSTEMS (L L C)established, implemented and maintained a procedure for evaluating compliance with legal requirements and other requirements (6.1.3).

ENCARDIO RITE GEOSYSTEMS (L L C)is

- Determined the frequency and method for the evaluation of compliance.
- Evaluating compliance and take action if needed (see 10.2);
- Maintaining knowledge and understanding of its compliance status with legal requirements and other requirements.
- Retaining documented information of the compliance evaluation results.

9.2 Internal Audit

9.2.1 General

The organization must conduct internal audits at planned intervals to provide information on whether the OH&S management system conforms to the organization's own requirements for

its OH&S management system, including the OH&S policy and OH&S objectives and the requirements of ISO 45001. In addition, the audit allows the organization to determine if its OH&S management system is effectively implemented and maintained. The extent of the audit programme should be based on the complexity and level of maturity of the OH&S management system.

9.2.2 Internal Audit Programme

ENCARDIO RITE GEOSYSTEMS (L L C)conducting internal audits at planned intervals to provide information that the OHS management system conforms to its own requirements including the OHS policy and OHS objectives & the requirements of this document & to ensure OHSMS is effectively implemented and maintained.

9.2.2 Internal audit programme

ENCARDIO RITE GEOSYSTEMS (L L C)plans, establishes implements and maintains an audit programme, which contains information on:

- The frequency that audits are conducted.
- the audit criteria and scope for each audit
- The methodology/protocol used (should be in general conformance with the requirements of ISO 19011:2018 Guidelines for auditing management systems.
- Who is responsible for managing and conducting audits.
- What consultation takes place with auditees and the general workforce.
- How the audits are planned and implemented.
- The format for reporting audits.

Prior to conducting the audit, the auditors review appropriate OHS management system documented information, and the results of prior audits. This information should be used by the organization in planning for the audit.

After the audit is complete the auditors must ensure that the results of the audits are reported to relevant managers. In addition, relevant audit results must be reported to workers; where they exist, to workers' representatives and to other relevant interested parties.

ENCARDIO RITE GEOSYSTEMS (L L C)takes action to address nonconformities in a timely and efficient manner and continually improves its OHS performance. The audit report is clear, precise and comprehensive.

ENCARDIO RITE GEOSYSTEMS (L L C)retains documented information as evidence of the implementation of the audit programme and the audit results.

9.3 Management Review

Top management of ENCARDIO RITE GEOSYSTEMS (L L C)reviews its OHS management system, at planned intervals, to ensure its continuing suitability, adequacy and effectiveness.

The agenda of management review shall include consideration of:

- the status of actions from previous management reviews.

- changes in external and internal issues that are relevant to OH&S management system including:
 - the needs and expectations of interested parties.
 - legal requirements and other requirements.
 - risks and opportunities.
- the extent to which the OHS policy and the OHS objectives have been met.
- information on the OH&S performance, including trends in:
 - incidents, nonconformities, corrective actions and continual improvement.
 - monitoring and measurement results.
 - results of evaluation of compliance with legal requirements and other requirements.
 - audit results.
 - consultation and participation of workers.
 - risks and opportunities.
- adequacy of resources for maintaining an effective OHS management system.
- relevant communication with interested parties.
- Opportunities for continual improvement.

The outputs of the management review include decisions related to:

- continuing suitability, adequacy and effectiveness of the OHS management system in achieving its intended outcomes;
- continual improvement opportunities;
- any need for changes to the OHS management system;
- resources needed;
- actions if needed;
- opportunities to improve integration of the OH&S management system with other business processes;
- any implications for the strategic direction of the organization.

Top management communicates the relevant outputs of management reviews to workers, and, where they exist, workers' representatives (see 7.4).

ENCARDIO RITE GEOSYSTEMS (L L C) retained documented information as evidence of the results of management reviews.

10 Improvement

10.1 General

ENCARDIO RITE GEOSYSTEMS (L L C) shall determine opportunities for improvement (see Clause 9) and implement necessary actions to achieve the intended outcomes of its OH&S management system.

10.2 Incident, nonconformity and corrective action

ENCARDIO RITE GEOSYSTEMS (L L C) established, implemented and maintained a procedure, including reporting, investigating and taking action, to determine and manage incidents and nonconformities.

When an incident or nonconformity occurs, ENCARDIO RITE GEOSYSTEMS (L L C)is:

- Reacting in a timely manner to the incident or nonconformity and, as applicable:
- Takes action to control and correct it.
- Deals with the consequences.
- evaluates, with the participation of workers (see 5.4) and the involvement of other relevant interested parties, the need for corrective action to eliminate the root cause(s) of the incident or nonconformity, in order that it does not recur or occur elsewhere, by:
- Investigating the incident or reviewing the nonconformity.
- Determining the causes of the incident or nonconformity.
- Determining if similar incidents have occurred, nonconformities exist, or if they could potentially occur.
- Reviews existing assessments of OHS risks and other risks, as appropriate (see 6.1);
- Determines and implements any action needed, including corrective action, in accordance with the hierarchy of controls (see 8.1.2) and the management of change (see 8.1.3);
- Assess OHS risks that relate to new or changed hazards, prior to taking action.
- Reviews the effectiveness of any action taken, including corrective action.
- Makes changes to the OHS management system, if necessary.

Corrective actions are appropriate to the effects or potential effects of the incidents or nonconformities encountered.

ENCARDIO RITE GEOSYSTEMS (L L C)retains documented information as evidence of:

- the nature of the incidents or nonconformities and any subsequent actions taken.
- the results of any action and corrective action, including their effectiveness.

ENCARDIO RITE GEOSYSTEMS (L L C)communicates this documented information to relevant workers, and, where they exist, workers' representatives, and other relevant interested parties.

10.3 Continual improvement

ENCARDIO RITE GEOSYSTEMS (L L C)continually improves the suitability, adequacy and effectiveness of the OHS management system, by:

- Enhancing OHS performance.
- Promoting a culture that supports an OH&S management system.
- Promoting the participation of workers in implementing actions for the continual improvement of the OH&S management system.
- Communicating the relevant results of continual improvement to workers, and, where they exist, workers' representatives.
- Maintaining and retaining documented information as evidence of continual improvement.