



Preamble

Terms & Definitions

# Context

Leadership

Planning

Support

Operation

Performance Evaluation

Improvement



**Reference Standards**  
ISO14001:2015 & ISO45001:2018  
 Clause 4.1: Understanding the organization and its context  
 Clause 4.2: Understanding the needs & expectations of interested parties  
 Clause 4.3: Determining the scope of the EMS & H&SMS  
 Clause 4.4: HSE management system  
PSM (22 Elements) Model  
 -Context (before assessing risks)

### This Section's Objectives

- ▶ Help understand OGDCL's particular context/ infrastructure.
- ▶ Clarify the needs and expectations of interested parties.
- ▶ Determine the scope of HSE System in OGDCL.
- ▶ Provides a concise portal to establish and maintain HSE System.





### 3.1 Context: Understanding OGDCL's Core Activities

OGM/P-HSE-3.1(08) Revision Number 8

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#### Change/ Revision Log

#	Description of Change
1.	Amended: Projects activities (engineering, procurement, construction & commissioning)

#### Associated Documents Approval & Issue

Related Document/ Record	Initiated by	Reviewed by	Checked/ Verified / Approved by
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### 3.1.1 General

In order to establish, implement, maintain and continue to improve OGDCL's HSE Management System, this Manual shall act as the core document. This Manual covers the management of HSE affairs of the current and planned activities at its operational (field) locations and office buildings, which are:

- ▶ Projects activities (*engineering, procurement, construction & commissioning*)
- ▶ Exploration and Development activities (*drilling, geological services, geological field survey and seismic operations*)
- ▶ Production and Plant operations
- ▶ Office building administration

**External context** is the external environment (issues) in which OGDCL seeks to achieve its objectives. This includes the cultural, social, political, legal, regulatory, financial, technological, economic, natural and competitive environment – whether international, national, regional or local; key drivers and trends that will have an impact upon objectives and the relationships with and perceptions and values of external stakeholders.

**Internal context** is the internal environment (issues) in which OGDCL seeks to achieve its objectives. This includes governance, organizational structure, roles and accountabilities, policies, objectives, strategies, capabilities, resources, standards, the perceptions and values of internal stakeholders, information systems, the organization's culture and contractual relationships.

The context (framework) of OGDCL activities is given as below as internal and external issues:

### 3.1.2 Internal and External Issues

	<b>Internal Issues</b> (Environmental Conditions)	<b>External Issues</b> (Environmental Conditions)
<ul style="list-style-type: none"> <li>• <b>Projects activities</b> (Engineering, procurement, construction &amp; commissioning)</li> <li>• <b>Exploration and Development activities</b> (Drilling, geological services, geological field survey and seismic operations)</li> <li>• <b>Production and Plant Operations</b></li> <li>• <b>Office Building Administration</b> (Maintenance, IT/ communication, security, catering, medical and transportation service)</li> </ul>	<ul style="list-style-type: none"> <li>• Occupational Health of Employees</li> <li>• Compensation to the injured or to the family of deceased Employee</li> <li>• Effluents/ Produced Water Management</li> <li>• Solid Waste Management</li> <li>• Camp Wastewater Management</li> <li>• Hazardous Waste Management</li> <li>• Air (Stack) Emissions Monitoring</li> <li>• Flare/ Vent Controls &amp; Monitoring</li> <li>• Oil/ Chemicals Spillage Management</li> <li>• Noise Control</li> <li>• Energy Conservation</li> <li>• Natural Resources Management</li> </ul>	<ul style="list-style-type: none"> <li>• Contracts</li> <li>• Licenses; Government/ Regulatory Approvals</li> <li>• RoW Management</li> <li>• Water Management</li> <li>• Flora and Fauna Management</li> <li>• Solid Waste / Debris Management</li> <li>• Site Restoration</li> <li>• Land Disputes</li> <li>• Social complaints &amp; compensations</li> <li>• Overflow/ Seepage from pits</li> <li>• Impact of Flare/ Venting</li> <li>• Disposal of Drill cuttings</li> <li>• Well Site Restoration</li> </ul>

### 3.1.3 Needs and Expectations of OGDCL's Interested Parties

	<b>Interested Party</b>	<b>Requirement</b>	<b>Compliance Obligation</b>
<b>Projects activities</b> (Engineering, procurement, construction & commissioning)	Ministry of Petroleum & Natural Resources	Lease/ NOC Produced Water Management Flare/Vent Management	Lease/ NOC Compliance of DGPC Guidelines for Operational SHE Management 1996

## Context: OGDCL's Integrated HSE System Manual

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<ul style="list-style-type: none"> <li>• <b>Exploration and Development activities</b> (Drilling, geological services, geological field survey and seismic operations)</li> <li>• <b>Production and Plant Operations</b></li> <li>• <b>Office Building Administration</b> (Maintenance, IT/ communication, security, catering, medical and transportation service)</li> </ul>	Central Inspectorate of Mines (CIM) Ministry of Labor and Manpower	Consolidated Mines Rules 1952, and Oil & Gas (Safety in Drilling & Production) 1974 Regulations of Mines Act 1923	Regulatory Compliance
	Oil and Gas Regulatory Authority (OGRA)	License for LPG Extraction and Storage	NOC/ Approval/ Fitness
	CBA/ National Industrial Relations Commission (Optional)	Industrial Relations Act 2012 (Optional)	Memorandum of Settlement (MoS)
		Essential Services Maintenance Act 1952 (Optional)	Order workforce in to remain in specified areas
	PNRA	PNA Guidelines	Certified Radiography Tests; Compliance dose limits
	Contractors	PPRA Rules	Compliance of TORs and OGDCLs HSE System
	Environment Protection Agencies (EPAs)	PEPA/ Provincial Env. Act	NOC/Environmental Approval/ NEQS Compliance
	Provincial Explosive Department	Storage of Oil/ Explosives Inspection/ Boiler Inspection	Fitness Certificate
	Landowners/ Local community/ NGOs	Land Management/ Compensation as per contract	Compliance of Land Management/ CSR Policy
	JV Partners	DGPC Petroleum Concession Agreement (PCA)	Compliance of Terms & Conditions of PCA
Oil Refineries/ Gas Transmitting Companies/ OGRA Licensed LPG Marketing Companies	COSA/ GSA/ LSA	Compliance of Terms & Conditions of COSA/ GSA/ LSA	
	Insurance Companies	Premium and service charges as per insurance coverage w.r.t. the specific capital reserve for "self-insurance" of rigs, buildings, wells, plants, pipelines, workmen compensation, vehicle repair and losses for our products.	
	Federal/ Capital/ Provincial/ City/ Development Authorities, District Administration, Municipal Corporations & Utilities Supply/ Services Companies	Necessary Permits/ NOCs/ Licenses under the prevailing laws related to land, building, water, electricity, gas, IT/ network/ communication, etc.	
	Shareholders/ Investors	Shareholder dividends, meetings, reports, and disclosure requirements under SECP.	

**Note:-**

*Each Location must develop its own Context and maintain this documented information for the sake of achieving clarity of the audit scope during the certificate/ compliance/ surveillance audits.*