AL TANMIA CHEMICALS LLC

QUALITY, HEALTH, SAFETY, AND ENVIRONMENT SYSTEM

ENVIRONMENTAL ASPECTS PROCEDURE

ROLE	NAME	SIGNATURE	DATE
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APPROVED BY	**MR. FAISAL AL HAJRI**		**13/10/2025**



1. REVISION AND APPROVAL

Rev.	Date	Nature of Changes	Approved By
00	06 Oct 2025	Original issue.	MANAGING DIRECTOR

1. PURPOSE:

The purpose of the procedure is to establish a system for the identification of environmental aspects of activities and services in PIONEER ENGINEERING COUSULTANCY L L C that may have a significant impact on the environment; this shall be done by considering the planned or new developments, new or modified activities, and services of the company.

2. SCOPE:

This process is applicable to all PIONEER ENGINEERING COUSULTANCY L L C operations either at projects site or in-house testing and calibrating activities for aspects and impacts identification and implementation of environmental management programs.

3. DEFINITIONS:

Control and Detection: Availability of mechanism for control of that aspect.

Environment: Surroundings in which an organization operates including air, water, land, natural resources, flora and fauna, humans and their interrelation.

Environmental Aspect: Element of an organization's activities, or products, or services that can interact with the environment.

Environmental Impact: Any change in the environmental whether adverse, or beneficial, wholly, or partially resulting from an organizations environmental aspect.

Environmental Management System: Part of an organization's management system used to develop and implement its environmental policy and manage its environmental aspects.

Environmental Objectives: Overall environmental goal.

Frequency of Operation: Frequency of the aspects or impacts.

Legal Requirements: Applicable statutory requirements to the organization.

Legislation: The compliance to any legal or any other requirements for which the company subscribes.

Occurrence: Level of occurrence effect whether local, national or global.
Other Requirements: Other requirements to which the organization may subscribe including requirements by interested parties.

Preventive Mechanism: Availability of preventive mechanism in case of an impact.

Quantity of Emissions: Quantity of that aspect or impact.

Severity of Effects: Severity of the impact caused by that aspect.

4. RESPONSIBILITIES:

HSE MR, HSE Officer, Supervisors, Dept. Heads &Operations Manager

5. PROCEDURE:

5.1 ENVIRONMENTAL ASPECTS

Environmental Review shall be conducted as required by Environmental Representative in coordination with the respective Project Manager and EH&S Representative, however for each site environmental review is conducted before starting of any project.

The following factors shall be considered during the Environmental Review:

• Legal requirements,

• Present Waste Management Practices,

• Existing control of the processes and its impact to the Environment,

• Emission to air,

• Releases to water,

• Use of raw materials and natural resources,

• Use of energy,

• Energy emitted,

• Waste and by products.

• Flora and Fauna

Status of the identified areas with respect to environmental position shall be recorded in the aspect form.

5.2ASPECTS/IMPACTS IDENTIFICATION AND MEASURES

The following factors shall be considered during Aspects and Impacts identification.

• Activities associated with processes and services.
• Output associated with operations.
• Normal, abnormal and emergency operating conditions.
• Legal and other requirements.

The identified Aspects and Impacts shall be scored based on:

• Legislation,
• Severity of Effects,
• Quantity of Emissions,

• Control and Detection,
• Frequency of Operation,
• Preventive Mechanism,
• Occurrence Effect.

Significant Aspects and Measures shall be recorded and maintained by the Environmental Representative in the Significant Aspects and Measures Form.

5.3 ENVIRONMENTAL MANAGEMENT PROGRAMMES:

Proposed measures for identified significant aspects shall be supported by the Management Program(s).

Designated responsibility/authority means, and timescale shall be identified in the Management Program(s) if required.

6. RECORDS / DOCUMENTS:

Environmental Aspects and Impact Assessment IMS-EA-F01