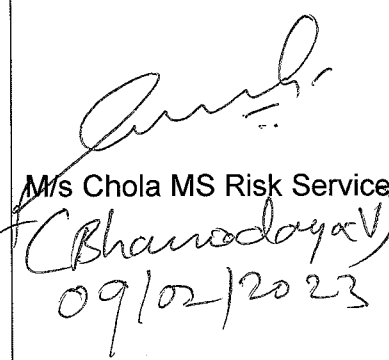
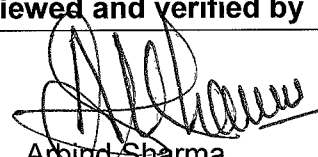
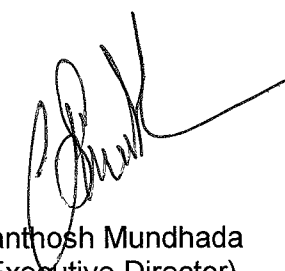
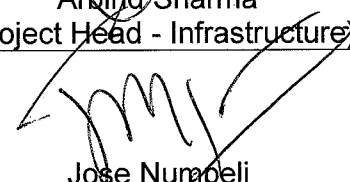
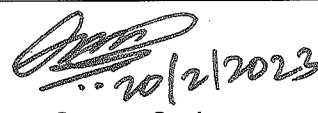



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SYSTEM STANDRAD (SS)

ENVIRONMENTAL MANAGEMENT

Prepared by	Reviewed and verified by	Authorized by
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20-02-23

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Document Change Note

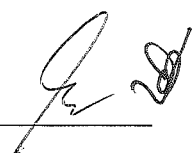
Rev. No	Rev. Date	Comments / Changes
00	8-12-2022	New Issue



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1 PURPOSE

The purpose of this procedure is to control of all forms of pollution and avoidance of any immediate or long-term harmful effects i.e. environmental protection and prevention of pollution, in compliance with regulatory and project specific requirements.

This environmental management procedure defines the organization, policies and principles of the environmental management system that is applied to projects handled by AMNS. Besides that, it also defines the responsibilities and authorities of those who manage, perform and verify work affecting the operation of the environmental management system.

2 SCOPE

This procedure shall apply to all AMNS project sites and related work areas including contractors to meet –

- Legal and regulatory requirements
- AMNS HSE requirements
- ISO 14001:2015 standard requirements
- AMNS HSE Policy

3 DEFINITIONS

3.1 DEFINITIONS

Continual improvement:

Recurring process of enhancing the environmental management system in order to achieve improvements in overall environmental performance consistent with the organization's HSE policy

Environment:

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

Environmental aspect:

Element of an organization's activities, or products or service that can interact with the environment

Environmental impact:

Any change to the environment, whether adverse or beneficial, wholly or partially resulting from an organization's activities, products or services.

Environmental Management System:

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

Environmental objective:

Overall environmental goal, consistent with the environmental policy, that an organization sets itself to achieve.

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Environmental performance:

Measurable results of an organization's management of its environmental aspects

Environmental target:

Detailed performance requirement, applicable to the organization or parts thereof, that arises from the environmental objectives and that needs to be set and met in order to achieve those objectives.

Interested party:

Person or group concerned with or affected by the environmental performance of an organization.

Prevention of pollution:

Use of processes, practices, techniques, materials, products, services or energy to avoid, reduce or control (separately or in combination) the creation, emission or discharge of any type of pollutant, in order to reduce adverse environmental impacts.

3.2 ABBREVIATIONS:

SOR	- Safety Observation Report
HSE	- Health, Safety and Environment
HSIC	- Hazardous Substance Information Card
MSDS	- Material Safety Data Sheet
COSHH	- Control of Substances Hazardous to Health
EIA	- Environmental Impact Assessment

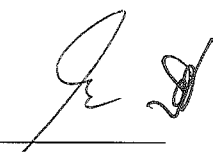
4 RESPONSIBILITIES

Project Head shall be responsible for overall implementation of the environmental management programme at the Project Sites.

All employees are responsible for reporting environmental incidents to their supervisor or HSE department immediately.

The following person(s) or job classification will be responsible for:

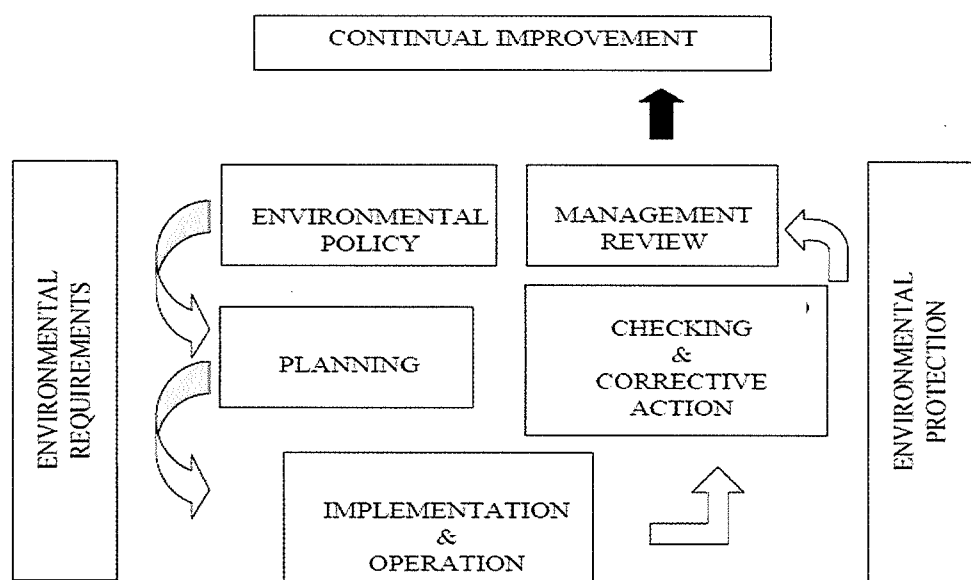
Environmental Incident Reporting	: Person(s) who witnesses the incident
Regulatory Notification	: Industrial Relation Officer in coordination with Project Head
Follow Up	: HSE Manager
Training	: HSE department
Record Keeping	: HSE Department



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5 DESCRIPTION

5.1 ENVIRONMENTAL MANAGEMENT PROCESS MODEL



The Environmental Management System is developed in line with company policy and commitment on protection of environment and prevention of pollution.

The environmental aspects and their impacts are identified and evaluated for significance with respect to regulatory requirements, social responsibility and business priorities.

The aspects having significant impact are then managed through setting objectives and targets. These objectives and targets are reviewed periodically with an aim for continual improvement.

The significant aspects are also managed by ensuring that personnel are aware of their roles, responsibility and authority to control the consequences.

The personnel are supported in their work by establishing operational controls and emergency response preparedness for which training and competence assessment is carried out to minimize impacts and risks.

5.2 PLANNING

5.2.1 Environmental Aspects and Impact Assessment

The environmental aspects and impacts from the project activities of AMNS are identified and evaluated for significance. The Project Head or his designate will evaluate all activities applicable to the project that may create new environmental aspects. HSE Manager shall ensure that all aspects identified are evaluated for their significance and a list of significant environmental aspects and their significant impacts are compiled in "OH& S Risk, environmental aspects and impact Assessment Register". The register shall be reviewed once in a year or whenever new processes/ equipment added or any new materials brought in to site which has significant environmental impact.

Refer to "AMNS-Project-SS-HSEM-08 - HIRAC Procedure" for risk assessment matrix and OH& S Risk, environmental aspects and impact Assessment form.

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5.2.2 Legal and regulatory requirements

Environmental legislative and regulation requirements and other codes of practices or directives applicable to the project handled by AMNS are identified, obtained, interpreted and incorporated in environmental management system/ HSE Plan.

The legal and other requirements identified shall be summarized and communicated to all personnel of AMNS through-

- Pre-employee inductions
- Notice boards
- Posters and bulletins
- Training sessions
- Regular toolbox talks
- Mass toolbox talks

5.2.3 Objectives and Targets

Upon evaluating environmental aspects and impacts, objectives and targets for each year are defined and reviewed periodically for their achievement by top management at corporate level and translated in to project specific and addressed in respective HSE Plans.

The objectives and targets shall also be communicated to relevant AMNS employees as appropriate to their role and responsibility.

5.2.4 Emergency response

The procedure "AMNS-Project-SS-HSEM-12- Emergency Management Procedure" describes the emergency scenarios in the event of incident that has potential to harm environment and the measures to mitigate consequences. The emergency preparedness and response procedures shall be tested periodically and reviewed and revised in particular after the occurrence of accidents or emergency situations.

5.2.5 Monitoring and measurement

AMNS shall identify the key characteristics of project operations and activities that can have a significant impact on the environment. Performance indicators for these characteristics are defined and monitored for their achievement with an aim of continual improvement.

Equipment used to inspect, measure, test or examine items to determine compliance or demonstrate conformance of the test parameters to specifications as part of monitoring environmental aspects are calibrated to applicable standards.

New monitoring equipment is registered and calibrated prior to release to operation for monitoring and measuring.

All environmental monitoring equipment also has to be calibrated and maintained and records of this process shall be retained until the closure of the project.



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5.2.6 Evaluation of compliance

Compliance to legal and other requirement shall be periodically evaluated and reported to top management. Non-compliances detected will be rectified as stated in 5.2.7.

5.2.7 Non-conformance and corrective & preventive action

Non-conformance, once identified, shall be investigated to identify the actual root cause of the problem. This shall form the basis for implementing the corrective and preventive action, which is necessary to prevent its recurrence. Refer to "AMNS-Project-SS-HSEM-13 - Incident notification, investigation and analysis" procedure for details on reporting requirements of environmental incidents, investigation process, root cause analysis and corrective/ preventive actions.

Any action taken either for corrective action or preventive action shall be effective to a degree appropriate to the magnitude of problem encountered and the associated risks encountered. Appropriate verification and evaluation methods shall be performed in order to ensure the effectiveness of corrective actions that have been taken.

Both corrective and preventive actions taken that result in change in the system shall be updated accordingly. The corrective and preventive action taken shall be reported back to the management during the HSE Management Review Committee (HSEMRC) meeting.

6 TRAINING

All employees are trained on this procedure and made aware of their role in environmental protection and prevention of pollution and achieving the environmental objectives and targets.

Training activities shall be documented and records shall be maintained.

7 RECORDS

Environmental records shall be established either in hard copy or electronic media and maintained in order to demonstrate the achievement and the effectiveness of Environmental Management System.

All records pertaining to regulatory requirements shall be kept as per the requirements, and other system compliance records shall be maintained until the completion of Project.

S. No.	Title	Maintained by	Retention period
01	OH& S Risk, environmental aspects and impact Assessment Register	HSE Department	Until completion of project
02	Incident and investigation reports	HSE Department	Until completion of project
03	Training attendance records	HSE Department	Until completion of project
04	Waste collection/ disposal records	HSE Department	Until completion of project

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8 REFERENCE DOCUMENTS

AMNS/Project/SS/HSEM/04	Identification and compliance to legal & regulatory requirements
AMNS/Project/SS/HSEM/05	Training, Awareness and Competence
AMNS/Project/SS/HSEM/08	Hazard identification, risk assessment and control
AMNS/Project/SS/HSEM/12	Emergency Response Procedure
AMNS/Project/SS/HSEM/13	Incident notification, investigation and analysis

