

Monitoring and Measurement

1.0 Purpose/Scope

This procedure defines the mechanism for the monitoring and measurement of significant environmental aspects associated with the *Facility/Plant Name* operations and activities; the calibration and maintenance of monitoring equipment; and the evaluation of compliance with relevant environmental legal and policy requirements.

2.0 Activities Affected

All areas and departments

3.0 Forms Used

None

4.0 References

- 4.1 EP-002 Environmental Aspects, Objectives and Targets and Management Programs
- 4.2 EP-003 Environmental Management System and Regulatory Compliance Audits
- 4.3 EP-004 Nonconformance and Corrective and Preventive Action
- 4.4 EP-005 Environmental Management System Management Review
- 4.5 EP-006 Emergency Preparedness and Response
- 4.6 EP-007 Environmental Regulations and Other Requirements
- 4.7 EP-008 Environmental Review of Projects
- 4.8 EP-010 Environmental Communication
- 4.9 EP-011 Contractor Control
- 4.10 EP-014 Environmental Training and Awareness
- 4.11 ISO 14001:1996, Element 4.5.1

5.0 Definitions

None

6.0 Exclusions

None

7.0 Procedure

- 7.1 Monitoring and Measurement of Significant Aspects, Objectives and Targets and Operational Controls
 - 7.1.1 The monitoring and measurement of key characteristics and environmental performance associated with significant aspects will be specified in environmental management programs.
 - 7.1.2 The monitoring and measurement of conformance to specified environmental objectives and targets will be accomplished through the internal system audit process, as specified in EP-003, and through the creation of Corrective Action Requests, as specified in EP-004.

Facility/Plant Name Environmental Procedure
Procedure #EP-015

7.1.3 Operational controls will be monitored and measured as indicated in applicable environmental management programs, procedures, work practices, or visual aids. The methods, frequencies and responsible parties for completing the monitoring and measuring activities will be specified in these documents.

7.2 Calibration and Maintenance of Environmental Monitoring Equipment

7.2.1 Relevant areas and departments shall ensure that environmental monitoring equipment is calibrated and maintained at a frequency consistent with manufacturers' recommendations, or at least every 12 months if those recommendations are unknown. Relevant areas and departments shall maintain calibration and maintenance records as necessary to prove conformance with this procedure.

7.2.2 Calibration and maintenance of environmental monitoring equipment shall be addressed in area and department preventative maintenance programs, where applicable, or in local work practices, if desired.

7.2.3 Each applicable area and department will maintain a list of EMS equipment requiring calibration and the corresponding calibration frequency.

7.3 Evaluation of Compliance

7.3.1 The evaluation of compliance with relevant environmental legal requirements shall be accomplished through the implementation of EP-003.

8.0 General Rules

None

9.0 Records

Records shall be retained consistent with EP-013.

Record of Revisions

Revision Date	Description	Sections Affected