

PROCEDURE FOR MONITORING & MEASUREMENT OF HSE ASPECTS

Approved by:
Planning & Development Director:



ADWEA HSE PROCEDURE MANUAL

**PROCEDURE FOR MONITORING AND
MEASUREMENT OF HSE ASPECTS**

Written by: _____ Date: _____
HSE SPECIALIST

Reviewed by: _____ Date: _____
TECHNICAL ADVISOR

Approved by _____ Date: _____
PLANNING & DEVELOPMENT
DIRECTOR

Effective Date:



**ABU DHABI WATER AND ELECTRICITY
AUTHORITY (ADWEA)**

Effective Date : 18.06.2009

Volume	Chapter	Version
19	16	2

Page 2 of 6

PROCEDURE FOR MONITORING & MEASUREMENT OF HSE ASPECTS

Approved by:

Planning & Development Director:

TABLE OF CONTENT

PAGE

AMENDMENTS SHEET

3

1. PURPOSE

4

2. SCOPE

4

3. DEFINITIONS & ACRONYMS

4

4. REFERENCES

4

5. RESPONSIBILITY

4

6. PROCESS

5



**ABU DHABI WATER AND ELECTRICITY
AUTHORITY (ADWEA)**

Effective Date : 18.06.2009		
Volume	Chapter	Version
19	16	2
Page 4 of 6		
Approved by:		
Planning & Development Director:		

PROCEDURE FOR MONITORING & MEASUREMENT OF HSE ASPECTS

1 PURPOSE

The purpose of this procedure, a component of the Health, Safety, and Environmental Management System (HSEMS), is:

- to establish and maintain a documented procedure to monitor and measure, on a regular basis, the key characteristics of ADWEA’s operations and activities that can have a significant impact on the health, safety and environment.
- to ensure that monitoring equipment are calibrated and maintained, and that ADWEA establishes and maintains a documented procedure for periodically evaluating compliance with relevant HSE legislation and regulations.

2 SCOPE

This procedure is applicable to ADWEA and to any contractor who shall carry out, implement, construct, commission, maintain, or service works for ADWEA.

3 DEFINITIONS & ACRONYMS

ADWEA	Abu Dhabi Water and Electricity Authority
May	A requirement subject to the discretion of the authorized person
MR	Management Representative.
Procedure	Specified way to carry out an activity or a process
Shall	A mandatory requirements
Should	A requirement to be met to the greatest extent practicable
Standard	A National or International Standards, manufacturer specifications, drawings or equivalent.

4 REFERENCES

ISO 14001:2004, Environmental Management Systems - Specifications with guidance for use.
[OHSAS 18001:2007](#), Occupational Health and safety management systems – [standard](#)
 ADWEA HSE Management System Manual



**ABU DHABI WATER AND ELECTRICITY
AUTHORITY (ADWEA)**

Effective Date : 18.06.2009

Volume	Chapter	Version
19	16	2

Page 5 of 6

PROCEDURE FOR MONITORING & MEASUREMENT OF HSE ASPECTS

Approved by:
Planning & Development Director:

5 RESPONSIBILITY

As Defined in the procedure.

6 PROCESS

This procedure applies to all ADWEA's activities, products and services.

6.1 Establish and document the HSE monitoring programme

No.	Action	By
1.	The HSE monitoring programme shall: a. identify the information to be obtained b. define the required accuracy of results c. specify monitoring methods d. identify monitoring locations e. specify frequency of measurement f. define roles and responsibilities g. <u>monitor the effectiveness of controls (for health as well as for safety)</u>	HSE Specialist
2.	The specific details of the monitoring programme shall be based upon: a. the requirements of relevant HSE legislation, approvals, permits and licences. b. the requirements of ADWEA's HSE Specifications identified in ADWEA HSEMS specification documents, such as but not limited to 'Waste Management Procedure'. c. ADWEA's HSE objectives and targets.	HSE Specialist
3.	The monitoring methods shall include, as appropriate: a. Regular monitoring of progress towards HSE objectives and targets, achieved by the implementation of HSE programmes and plans as defined in the ADWEA procedures. b. Regular HSE sampling and analysis consistent with the regulatory requirements. c. systematic observation of the work and behaviour of staff and contractors to assess compliance with HSE procedures and instructions.	HSE Specialist

Note: ADWEA can engage a third party contractor, certified to undertake the task, to define and document all of the above requirements.



**ABU DHABI WATER AND ELECTRICITY
AUTHORITY (ADWEA)**

Effective Date : 18.06.2009

Volume	Chapter	Version
19	16	2

Page 6 of 6

PROCEDURE FOR MONITORING & MEASUREMENT OF HSE ASPECTS

Approved by:
Planning & Development Director:

6.2 Calibration of HSE Monitoring & Measurement Equipment

Sufficient control over measurement errors shall be established to allow clear and accurate interpretation of monitoring results and to maintain consistency of measurement related to HSE aspects/hazards.

No.	Action	By
4.	Equipment calibration It shall be ensured that Monitoring equipment is calibrated on a regular basis. The frequency of calibration and methods used shall depend on the manufacturer's recommendations, the stresses to which the equipment is subject, and the required level of accuracy.	HSE Specialist

Note: ADWEA can engage a third party contractor, certified to undertake the task, to define and document all of the above requirements.

6.3 Establish and document procedures for data handling and interpretation

No.	Action	By
5.	Establish and document procedures for data handling and interpretation. a. Monitoring results, including the sampling methodology and data interpretation techniques shall be entered into an appropriate record-keeping system. b. Monitoring results shall be reported in accordance with R & SB Requirements.	HSE Specialist

Note: ADWEA can engage a third party contractor, certified to undertake the task, to define and document all of the above requirements.

6.4 Non-compliance with HSE performance criteria

No.	Action	By
6.	Establish a system for managing non-compliances with performance criteria. These are performance criteria set forth in the HSE management programmes.	HSE Specialist

Note: ADWEA can engage a third party contractor, certified to undertake the task, to define and document all of the above requirements.