Abu Dhabi EHSMS Regulatory Framework
(AD EHSMS RF)

Building & Construction Sector EHSMS Requirements
Version 2.0
May 2012
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1. Scope

1.1 Building and Construction Scope

This document is applicable to all Building and Construction Sector Entities in Abu Dhabi Emirates which includes Abu Dhabi City, Al Ain & Western Region. The Building & Construction Sector is the regulatory authority for all Building and Construction Sector Entities while interacting with all relevant Government Authorities (EHS Centre, Civil Defence, EAD etc).

Building & Construction Entities such as Contractors (Construction / Contracting Companies), Developers, Consultants (Technical Associates, Design Architectural Firms), employees, visitors and stakeholders covering all processes / activities related to building and construction. All building and construction activities where a building permit is issued from respective Municipalities shall be under the scope of the Building and Construction Sector.

Examples of construction activities within the scope of the Building and Construction Sector include but are not limited to; work to erect, construct, extend, alter, convert, fit-out, commission, renovate, repair, refurbish, disassemble, demolish and/or decommission a structure / building / services infrastructure, or part of a structure / building / services infrastructure.

All Building and Construction Sector Entities shall document, implement, maintain an approved Environment, Health and Safety Management System and continually improve its effectiveness in compliance with Building and Construction Sector EHSMS requirements specified and AD EHSMS Regulatory Framework Version 2.0 requirements.

1.2 Building and Construction EHSMS Requirements

The Building and Construction Sector EHSMS requirements are designed and developed in compliance with AD EHSMS Regulatory Framework version 2.0 which comprises of Elements, Regulatory Instruments (Mechanisms, Code of Practices) & Technical Guidance documents.

This document describes the minimum key elements of Building and Construction Sector EHSMS requirements for sector Entities as per AD EHSMS RF version 2.0. Compliance to these elements will ensure that each entity has fulfilled the mandatory requirements for establishing an effective EHS Management System.

The classification of Entities is carried out by Building and Construction Sector EHS Department of respective Municipalities under the direct supervision of Department of Municipal Affairs. The criteria for classification are based on level of risk, nature of activities / processes, existing EHS compliance, past incident history, inspection reports, third party audit reports (where applicable). All Entities directly involved in construction work or exposed to a construction site environment shall be classified as High Risk Entities. Where ‘Low Risk Entities’ are classified by the Sector Regulatory Authority the development of their EHSMS shall be in accordance with AD EHSMS Regulatory Instrument Mechanism 5.0.

These are minimum mandatory requirements which all Entities are expected to comply with in establishing their system. The Entities are free to expand their system where it is considered to be of benefit.
All Building and Construction Sector Entities shall follow the process mentioned below for Registration, Development of EHSMS, Approval and Performance Reporting.

Entities Registration, Approval and Performance Reporting Process
2. Building and Construction Sector EHS Policy

Building and Construction Sector shall

- Strive to provide a safe Environment, protect the Health & Safety of employees, contractors and the community by preventing, reducing & controlling all foreseeable risks to Environment, Health & Safety within the Emirate of Abu Dhabi.

- Ensure prevention of personal injury, occupational illness & environmental pollution by implementing the safe working health & safety practices along with managing the significant environmental impacts in all Building & Construction Sector activities, operations & processes with particular focus on sustainability, hazard and risk assessments, contractor management & trainings.

- Develop the framework for effective implementation of EHSMS policies and regulations for Building and Construction Sector Entities and to promote integration of EHSMS requirements within sector Entities operations & activities during all phases in affiliation with relevant stakeholders.

- Ensure compliance with all applicable laws (Local, Federal & International), codes of practices, standards relating to effective environment, health and safety management, as well as any other relevant requirements.

- Continually improve the effectiveness of EHSMS by establishing, reviewing and fulfilling EHS Objectives & Targets for the Building and Construction Sector and its relevant Entities.

- Ensure EHS awareness, trainings to employees, contractors, community and all B&C Entities. Encourage active participation for improvements in protecting environment, and the health & safety of all.

- Integrate economic, social, conservation of biological diversity, ecological integrity, environmental, health & safety consideration into decisions making processes.

- Ensure to support Building and Construction sector Entities to comply with environmental, health and safety management system and provide best practices and mechanisms to improve Environment, Health and Safety performance.

- Ensure that resources are in place to maintain and continuously improve the EHSMS and ensure that systems for self regulation, internal and external reporting are in place.

- Ensure that EHS policy of Building and Construction Sector shall be periodically reviewed and it remains relevant & appropriate with Abu Dhabi EHS Policy.

______________________________________________________________

H.E. Majid Ali Al Mansouri  
Chairman, Department of Municipal Affairs (DMA)  
Abu Dhabi
3. Building and Construction Sector EHS Targets and Objectives

All Building and Construction Sector Entities with an approved EHSMS shall follow these minimum Targets & Objectives and submit their reports to the concerned EHS Department of the Municipalities of Emirates of Abu Dhabi.

<table>
<thead>
<tr>
<th>KPI No.</th>
<th>Description</th>
<th>Target</th>
<th>Timeframe</th>
</tr>
</thead>
<tbody>
<tr>
<td>KPI 2-01</td>
<td>Total Number of EHS Incidents Reported:</td>
<td>Reduce 3 %</td>
<td>2013</td>
</tr>
<tr>
<td>KPI 2-02</td>
<td>EHS Department Resources</td>
<td>75 %</td>
<td>2013</td>
</tr>
<tr>
<td>KPI 2-03</td>
<td>Number of EHSMS Workshops / Seminars or Similar Training Organized / Performed / Attended</td>
<td>Increasing Trend</td>
<td>2013</td>
</tr>
<tr>
<td>KPI 2-04</td>
<td>Lost Time Injury Frequency Rate (LTIFR)</td>
<td>Reduce 5 %</td>
<td>2013</td>
</tr>
<tr>
<td>KPI 2-05</td>
<td>Lost Time Injury Severity Rate (LTISR)</td>
<td>Reduce 3 %</td>
<td>2013</td>
</tr>
<tr>
<td>KPI 2-06</td>
<td>Total Reportable Case Frequency (TRCF)</td>
<td>Reduce 3 %</td>
<td>2013</td>
</tr>
<tr>
<td>KPI 2-07</td>
<td>Power Consumption (Total Kilowatts Hours (kW h) and kW h per Employee)</td>
<td>Reduce 3 %</td>
<td>2013</td>
</tr>
<tr>
<td>KPI 2-08</td>
<td>Water Consumption Water use (in production processes, office activities or as drinking water) (Total cubic meters (m³) and m³ per Employee)</td>
<td>Reduce 3 %</td>
<td>2013</td>
</tr>
<tr>
<td>KPI 2-09</td>
<td>Paper Consumption Average number of paper pages used per employee per month</td>
<td>Reduce 3 %</td>
<td>2013</td>
</tr>
<tr>
<td>KPI 2-10</td>
<td>Fuel Consumption Average fuel consumption of entity owned and /or operated vehicles. (Liters per 100 kilometers)</td>
<td>Reduce 3 %</td>
<td>2013</td>
</tr>
<tr>
<td>KPI 2-11</td>
<td>Non-Hazardous Waste Disposal Amount of non-hazardous (solid and liquid) waste collected by Service Providers for disposal.</td>
<td>Reduce 3 %</td>
<td>2013</td>
</tr>
<tr>
<td>KPI 2-12</td>
<td>Non-Hazardous Waste Recycling Amount of segregated non-hazardous (solid and liquid) waste collected by Service Providers for recycling / reuse / further processing.</td>
<td>Reduce 3 %</td>
<td>2013</td>
</tr>
<tr>
<td>KPI 2-13</td>
<td>Hazardous Waste Disposal Amount of hazardous (solid and liquid) waste collected by Service Providers for disposal.</td>
<td>Reduce 1.5 %</td>
<td>2013</td>
</tr>
<tr>
<td>KPI 2-14</td>
<td>Hazardous Waste Recycling Amount of hazardous (solid and liquid) waste collected by Service Providers for recycling / reuse / further processing.</td>
<td>Reduce 1.5 %</td>
<td>2013</td>
</tr>
<tr>
<td>KPI 2-15</td>
<td>Number of written warning notices received from the SRA as a result of non-compliance to EHSMS requirements.</td>
<td>Decreasing Trend</td>
<td>2013</td>
</tr>
<tr>
<td>KPI 2-16</td>
<td>Number of fines / penalties / prosecutions received from the SRA as a result of non-compliance to EHSMS requirements.</td>
<td>Decreasing Trend</td>
<td>2013</td>
</tr>
<tr>
<td>KPI 2-17</td>
<td>Number of Monitoring Activities of Contractors / Supply Chain:</td>
<td>Increasing Trend</td>
<td>2013</td>
</tr>
</tbody>
</table>
4. Additional Sector Reporting Requirements

All Building and Construction Sector Entities with an approved EHSMS shall submit the relevant reports to their concerned EHS Department of the Municipalities of the Emirates of Abu Dhabi. The Principal Contractor shall report to the Building and Construction Sector EHS Department of respective Municipalities Incident Reporting upon occurrence (Form G) within 24 hours in addition to the Quarterly & Annually Reporting. The detailed reporting mechanism is as follows:-

5. Building and Construction Sector Legal and Regulatory Requirements

All Building and Construction Sector Entities shall ensure that all their processes / activities / operations comply with all International, UAE Federal, Abu Dhabi Local laws, Ministerial Decree & Decisions, Abu Dhabi Environmental, Health & Safety laws and regulations. All requirements are mentioned in Appendix A of this document.
6. **Building and Construction Sector Risk Management Program**

Risk Management is one of the integral parts of the Building and Construction Sector EHSMS requirements and Entities shall develop, implement and maintain appropriate risk management program / procedure as per Element 02 – Risk Management of AD EHSMS RF Version 2.0 & AD EHSMS RF – Technical Guideline – Process of Risk Management.

All Building and Construction Sector Entities shall carry out detailed environment, health & safety risk assessments. Entities shall ensure that a systematic approach is adopted and all EHS hazards and risks & impacts are identified, assessed and appropriate controls measures are implemented.

Risk and environmental impact assessments shall be carried out on all work activities. The assessment process should involve identifying the means of carrying out a task; the risks and impacts associated with that task are then assessed and the necessary controls identified to reduce the risk and impact to an acceptable level – as low as reasonably practical (ALARP).

The risk management is an ongoing process and Entities must reassess hazards and risks in order to control risks. Any hazard, if governed by regulatory requirements, shall be prioritized as high and shall be eliminated or controlled as practicable and appropriate. Relevant, clear and timely communication and consultation at all stages of the risk management process will facilitate positive outcomes.

7. **Building and Construction Sector Management of Contractors**

The Building and Construction Sector Entities shall develop, implement and maintain the management of contractors process in compliance with AD EHSMS RF – Element 03 – Management of Contractors, Mechanism 09 – Notification of Principal Contractor for Construction Work, AD EHSMS RI – CoP 20.0 – Safety in Design (Construction), where applicable and CoP 53.0 – EHS Management during “Construction Work”.

Management of contractor process shall promote a collaborative working relationship between clients, contractors and sub-contractors, and other relevant stakeholders resulting in improved health and safety of employees and environmental performance.

To manage the environment, health and safety risks arising from engaging contractors, the entity shall implement the relevant steps of the following contractor management process:-

- Establishment of Project EHS Requirements
- Evaluation / Selection
- Contractual Agreement
- Co-ordination and Communication
- Mobilization / Work in Progress
- Monitoring Performance
- Commissioning
- Demobilization / Decommissioning
- Contract Close-Out
7.1 Appointment of Principal Contractor Mechanism

The Building and Construction Sector will administer and enforce the appointment process of Principal Contractor as part of the Municipality Building Permit Approval Procedure. 

*Form H – Notice of Appointment of a Principal Contractor is to be submitted to the Building and Construction Sector by the Developer / Client of all projects that include:

(i) “Construction Work” with a duration of 90 days or more is to occur; or
(ii) “Construction Work” involving 100 staff or more on site at any time during the project; or
(iii) Consists of 1800 man days or more planned construction work.

This form must be completed and approved before “Construction Work” is to begin on site.

The Building and Construction Sector has identified and assessed potential EHS hazards & risks which can cause emergencies. In assessing the hazards and risks associated with activities that may cause harm, a number of typical incident types need to be examined as scenarios for which response plans shall be developed. The scenarios include, but are not limited to:

- Fire;
- Major Injuries / Fatalities;
- Spills / leaks / Discharge to air / water or soil;
- Explosions;
- Toxic impact;
- Accidental release of ionizing radiation;
- Natural disasters such as earthquakes, cyclones, sand storm;
- Bomb threat / terrorism;
- Medical emergency; and
- Building structural emergencies.

Building and Construction Entities shall develop, implement and maintain appropriate Emergency Management Program in compliance with the requirements of this document, AD EHSMS RF – Element 06 – Emergency Response Management and AD EHS RI – CoP 6.0 – Emergency Management Requirements and all relevant Federal and Local Authorities requirements.

Emergency Response Plans shall be developed in consultation with relevant emergency services and support agencies. Stakeholders shall be involved during development of plan. Each Plan shall be reviewed at least annually, or whenever significant operational changes occur or conditions in the workplace change or following major accidents.

The Building and Construction Sector and Entities shall respond to all emergency scenarios efficiently and in an appropriate manner. Apart from periodic Building and Construction Sector managed emergency drill the Entities themselves should carry out emergency exercise at least annually in collaboration with external stakeholders.

In case of any reportable emergency situation appointed EHS representative shall be contacted within the entity followed by reporting to Local Emergency Services.

<table>
<thead>
<tr>
<th>Service</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fire</td>
<td>997</td>
</tr>
<tr>
<td>Hospital-Ambulance</td>
<td>998</td>
</tr>
<tr>
<td>Police &amp; Traffic</td>
<td>999</td>
</tr>
<tr>
<td>Building and Construction Sector</td>
<td>800 555</td>
</tr>
</tbody>
</table>
8.1 B&C Sector Emergency Management Roles & Responsibilities

<table>
<thead>
<tr>
<th>Roles</th>
<th>Responsibilities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Building &amp; Construction Sector Steering Committee (Chaired by Managing Director Department of Municipal Affairs)</td>
<td>Executive Management for Building &amp; Construction Sector Coordination with AD EHS Centre for Direct / Indirect Emergencies Operations</td>
</tr>
<tr>
<td>Building &amp; Construction Sector EHS Division Manager (Respective Municipalities)</td>
<td>Supervise the Emergency operation with Incident Commander, EHSMS Technical Committee and Entities Liaison. Communication with Internal &amp; External Stakeholders Report to Steering Committee for all Emergencies Operations.</td>
</tr>
<tr>
<td>Building &amp; Construction Sector (Respective Municipalities) designated EHS Incident Commander</td>
<td>Manage and Supervise the Emergency Operations with Entities Representatives and Emergency Services. Communication with Local authorities &amp; Emergency services. Report to EHS Division Manager</td>
</tr>
<tr>
<td>Building &amp; Construction Sector EHSMS Technical Committee (Respective Municipalities)</td>
<td>Participate, assist and coordinate with B&amp;C Sector EHS Division Manager for all relevant and required actions during emergency / crisis situation.</td>
</tr>
<tr>
<td>Building &amp; Construction Sector Concerned Entities EHS Liaison Representatives</td>
<td>Immediate report of any Major Incident, Emergency situation to Building &amp; Construction Incident Commander or EHS Division Manager.</td>
</tr>
</tbody>
</table>

9. Building and Construction Sector Audit and Inspection Program

Building and Construction Sector Entities audit and inspection programs are designed to verify the implementation and compliance of the Building and Construction Sector EHSMS requirements. The frequency of minimum audits and inspection of Entities/Projects carried out by the Building and Construction Sector Regulatory Authority is as follows.

<table>
<thead>
<tr>
<th>Entity Risk Level</th>
<th>Number of Planned Audits</th>
<th>Number of Random Audits</th>
<th>Number of Planned Inspections</th>
<th>Number of Random Inspections</th>
</tr>
</thead>
<tbody>
<tr>
<td>High</td>
<td>02</td>
<td>Depending upon level of compliance</td>
<td>02 Minimum</td>
<td>Depending upon level of Risk</td>
</tr>
<tr>
<td>Medium</td>
<td>02</td>
<td>Depending upon level of compliance</td>
<td>02 Minimum</td>
<td>Depending upon level of Risk</td>
</tr>
<tr>
<td>Low</td>
<td>01</td>
<td>Depending upon level of compliance</td>
<td>01 Minimum</td>
<td>Depending upon level of Risk</td>
</tr>
</tbody>
</table>
9.1 **Building and Construction Sector Audits**

All Entities with an approved EHSMS shall undergo an annual Third Party External compliance audit. The selected external third party must be registered with the EHS Center. The audit results shall be submitted to Building and Construction Sector relevant Municipalities EHS Departments on AD EHSMS Form F within 30 days from the completion of 1 year of EHSMS approval.

The Building and Construction Sector will review audit reports and will conduct compliance planned audit annually against the Entity’s EHSMS to verify compliance with AD EHSMS requirements and the finding of the third party audit. The non-conformance and corrective action procedure shall be implemented to ensure that all NCR’s are addressed, rectified & closed out in time. Entities failure to close-out an NCR will be addressed under the Enforcement Process. (Refer to the Building and Construction Sector Enforcement Process).

The Building and Construction Sector may also conduct random snap-shot audit on construction projects during inspection visits if required to assess the implementation of the EHSMS requirements at the project site. Brief audit reports will be produced outlining the findings of these audits. A snap shop audit will be undertaken in a systematic manner using pre defined criteria for compliance measurement as per the AD EHSMS RF requirements.

9.2 **B&C Sector Inspections**

The Building and Construction Sector Regulatory Authority shall conduct inspections on all construction sites regularly. The frequency of inspections above minimum requirements shall be determined by Sector Regulatory Authority and will vary on the basis of Entity size, level of risk, project regulatory compliance level, project size, location, number of workers, type of project, findings of previous inspections/audits, accidents and incidents statistics and any complaints that may have been received.

All planned inspections will be scheduled in advance with Entities on a specific site, date & time. These inspections will be carried out in accordance with the identified hazards & risks.

Random and surprise inspections shall be carried out by the Building and Construction Sector on an Entity’s site to verify the real time effectiveness and compliance of EHSMS.

Inspection reports will be issued and forwarded to the Entity; follow up visits will be conducted to ensure that all findings have been addressed; enforcement actions when required will be in accordance with the Building and Construction Sector enforcement process. Findings of inspections may require conducting a full or partial system audit.

10. **Building and Construction Sector Non-Conformance and Enforcement Process**

10.1 **Building and Construction Sector Non-Conformance Process**

Building and Construction Sector audit & inspection findings shall reflect either conformance or non-conformance. All non-conformances of AD EHSMS found during audits and inspections shall require a root cause analysis to be carried out by the Entity and corrective actions shall be taken within a period of 15 working days or as specifically agreed with the Building and Construction Sector Regulatory Authority.
In order to establish compliance with the EHSMS requirements and establish improved environment, health and safety standards, the entity non-conformance and corrective action process shall be:

(i) Identifying and correcting non-conformity and taking actions to mitigate their EHS consequences;
(ii) Investigating non-conformity, determining their root cause and taking actions to avoid their recurrence;
(iii) Evaluating the need for action to prevent non-conformity and implementing appropriate actions designed to avoid their occurrence;
(iv) Recording and communicating the results of corrective action and preventive action taken; and
(v) Reviewing the effectiveness of corrective action and preventative action.

Building and Construction Sector Entities demonstrating effective implementation of EHSMS programs may have a reduced frequency of Sector Regulatory Authority audits, inspections and other enforcement activities (not including annual third party compliance audit). Entities undertaking corrective actions shall not be granted immunity from prosecution in the following cases:

(i) Gross negligence;
(ii) Reckless conduct;
(iii) Failure and/or repetitive failure to comply with an EHS instruction issued by Building and Construction Sector Regulatory Authority;
(iv) Non-compliances identified as a result of investigations following incidents, complaints or referrals by third parties; or
(v) Non-compliances identified as a result of routine or non-routine enforcement actions by Building and Construction Sector Regulatory Authority.

Entities should proactively identify areas where compliance is difficult to achieve and agree with the Building and Construction Sector Regulatory Authority on corrective actions and timelines for implementation to avoid prosecution. Refer to AD EHSMS RF – Guidance Document – Self Regulation

Where an action taken to correct or prevent non-conformity identifies a new hazard or the need for new or changed control measures, the proposed actions shall undergo a risk assessment prior to implementation. Failure to close-out a non-conformance shall initiate the enforcement process as per section 10.2 of this document.

10.2 B&C Sector EHSMS Enforcement Process

Enforcement of EHSMS requirements by Building and Construction Sector is undertaken for the purposes of:

(i) Protecting the health and safety of employees and the community;
(ii) Protecting the environment and its beneficial uses;
(iii) Ensuring that no commercial advantage is obtained by any person/entity who fails to comply with environment, health and safety requirements; and
(iv) Influencing the attitude and behaviour of persons whose actions may have adverse environment, health and safety impacts, or who develop, invest in, purchase or use goods and services which may have adverse environment, health and safety impacts.
An enforcement action would be preceded by planned or random inspection/audit findings of non-compliance or poor EHS performance or follow up investigation of an EHS incident. The possible outcomes of inspection / audit or investigation are

(i) No recorded action taken - verbal warning at site.

(ii) **Written Warning**: Where there is a deviation but level of risk is low a written warning letter shall be issued.

(iii) **Improvement Notice**: Where the Inspector reasonably believes that a contravention of the regulations does not pose a risk of serious bodily harm.

(iv) **Prohibition Notice**: Where the Inspector reasonably believes that circumstances at the workplace / site are causing, or likely to cause, a risk of serious bodily injury, illness and situation required immediate action.

(v) **Suspension or Cancellation of Accreditation or Trade License**: The suspension or cancellation of license or accreditation is an option that may be taken by the Building & Construction Sector Regulatory Authority and these may include but not limited to Building permits issued by Municipalities or Building & Construction Licenses. It is typically used for Entities:

(a) Who are repeat offenders;

(b) Where the offense was of a nature that exposed persons to extreme risk;

(c) Where other penalties have not resulted in changing that risk;

(d) Who engage in fraudulent activities (hiding an activity/undertaking unauthorized activity providing wrong information);

(e) Who deliberately or persistently breach the requirements of regulations;

(f) Who deliberately or persistently ignores written warnings or formal notices;

(g) Who endanger to a serious degree the health, safety or wellbeing of people or environment;

(h) Who fail to pay fixed penalty within stipulated time frame.

10.3 **Building and Construction Sector EHSMS Fixed Penalty System**

Fixed penalty will be issued for EHS Non-Compliance and Violations as per Abu Dhabi Law no. (16) of 2009 amending certain provisions of law no. (4) of 1983 regarding Organizing Building works. If a fixed penalty is not paid within the prescribed period, legal proceeding shall be initiated. Even if Entities pay the fixed penalty, but fails to comply with the Building and Construction Sector and AD EHSMS RF requirements, legal proceedings shall be initiated.
Appendix A: Building and Construction Sector Emergency Management Plans

Building and Construction Sector Regulatory Authority shall be notified through respective municipalities about all EHS Emergencies and shall respond to incidents classified Moderate and High where external resources, technical and logistic support from other Stakeholders within the Emirate of Abu Dhabi involvement is required. Emergencies such as but not limited to:

- Fire;
- Major injuries / fatalities;
- Spills / leaks / discharge to air / water or soil;
- Explosions;
- Toxic impact;
- Accidental release of ionizing radiation;
- Natural disasters such as earthquakes, cyclones, sand storm;
- Bomb threat / terrorism;
- Medical emergency and;
- Building structural emergencies;

Building and Construction Sector Entity nominated EHS Liaison Representatives / Incident Commander shall act to communicate with Civil Defence, Police & Ambulance Services along with the Building & Construction Sector (Respective Municipalities) designated EHS Incident Commander in an emergency/ crisis situation.

In addition, and based on the nature of the situation, Building & Construction Sector EHS Division Manager (Respective Municipalities) has the authority to declare a state of full evacuation and abandon the site and call of staff, employees and any other person from the affected scene, site, facility or premise for any given period of time till recovery operations are concluded and facility is ready to re-open for safe and regular operations.

Building & Construction Sector (Respective Municipalities) designated EHS Incident Commander shall lead all required teams in coordination with other Stakeholders as required conducting Incident investigation and identifying root causes, corrective and preventive actions to be taken to prevent the recurrence of such scenarios.
## Appendix B: Building and Construction Sector Legal and Regulatory Requirements

<table>
<thead>
<tr>
<th>Clause / Article / Reference</th>
<th>Competent Authority</th>
<th>Requirement / Obligation</th>
<th>Area of Applicability</th>
<th>Licenses / Compliance Records Required</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Decree No 42 of 2009 Concerning AD EHSMS</td>
<td>Executive Council</td>
<td>This Decree aims to implement the Environment, Health and Safety Management System in the Emirate through provision of a unified tool at Emirate level to facilitate implementation of legislations relevant to environment, health and safety and for protection of human health and safety and the environment and conservation of natural resources</td>
<td>Roles and responsibilities of the Sector Regulatory Authorities in the Emirate</td>
<td>EHSMS Documentation</td>
<td></td>
</tr>
</tbody>
</table>
| AD EHSMS Regulatory Framework Version 2.0/2012 | AD EHS Center / Building & Construction Sector Regulatory Authority | AD EHSMS RF Elements - Mandatory System Requirements  
EHS Regulatory Instruments:  
- Standards and Guideline Values - Mandatory EHS threshold and exposure levels  
- Codes of Practice - Mandatory EHS technical requirements – subject specific  
- Mechanisms - Mandatory system implementation processes and procedures  
Guidelines:  
- Technical Guidelines - Non-mandatory guidance on how to implement an EHS Regulatory Instrument  
- AD EHSMS Guidance Documents - Non-mandatory guidance and interpretation of EHSMS System concepts and principles | To demonstrate compliance as per the Regulatory Framework to ensure a systematic approach is adopted and implemented. | EHSMS Documentation & Records |                                   |
| AD EHSMS Code of Practices | AD EHS Center / Building & Construction Sector Regulatory Authority | This Regulation applies to the use and storage of hazardous substances and mixtures,  
All persons who work with asbestos or have a duty to manage premises where asbestos containing material(s) (ACM) have been identified or presumed to be present have to provide all the technical information they require to meet | Hazardous substances generated by construction and demolition activities. | EHSMS Documentation & Records | EHS Construction                     |

**AD EHSMS Regulatory Framework Version 2.0/2012**

**AD EHSMS Code of Practices**

1.0 Hazardous Materials  
1.1 Management of Asbestos  
1.2 Lead Exposure
<table>
<thead>
<tr>
<th>Management</th>
<th>Federal and Local legislative requirements</th>
<th>Management Plan</th>
</tr>
</thead>
<tbody>
<tr>
<td>Federal and Local legislative requirements</td>
<td>It covers all construction, maintenance, manufacturing, recycling, surface preparation, sandblasting, painting, and any other worksite where employees could have an exposure to airborne lead at any level</td>
<td></td>
</tr>
<tr>
<td>AD EHSMS Code of Practice 2.0 Personal Protective Equipment</td>
<td>AD EHS Center / Building &amp; Construction Sector Regulatory Authority</td>
<td>Employees working in the B &amp; C Sector, who might be exposed to risks.</td>
</tr>
<tr>
<td>AD EHSMS Code of Practice 3.0 Occupational Noise 3.1 Vibration</td>
<td>AD EHS Center / Building &amp; Construction Sector Regulatory Authority</td>
<td>Employees working in building and construction sector who are exposed to noise levels &amp; Hand Arm / Whole Body Vibration</td>
</tr>
<tr>
<td>AD EHSMS Code of Practice 4.0 First Aid and medical Treatment</td>
<td>AD EHS Center / Building &amp; Construction Sector Regulatory Authority</td>
<td>Applies to all employers within the Emirate of Abu Dhabi</td>
</tr>
<tr>
<td>AD EHSMS Code of Practice 5.0 Medical Surveillance</td>
<td>AD EHS Center / Building &amp; Construction Sector Regulatory Authority</td>
<td>Occupational health screening and medical surveillance programs</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**AD EHSMS RF – Version 2.0 – February 2012**
**B & C Sector EHSMS Requirements**
<table>
<thead>
<tr>
<th>AD EHSMS Code of Practice</th>
<th>AD EHS Center / Building &amp; Construction Sector Regulatory Authority</th>
<th>Requirements for workplace wellness and health promotion in the work and living environments (labor accommodation), promotion of awareness, education, and wellness programs to employees and contractors in order to encourage employees, contractors and their families to adopt healthy lifestyles and to prevent and control health and lifestyle related issues.</th>
<th>Building and Construction Sector / Entities / employers</th>
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<td>7.0 Fire Prevention, Planning and Control</td>
<td>AD EHS Center / Building &amp; Construction Sector Regulatory Authority</td>
<td>Technical requirements intended to specify the requirements for fire prevention, control and planning.</td>
<td>Building and Construction Sector / Entities / employers</td>
<td>Emergency Management Plans</td>
</tr>
<tr>
<td>8.0 General Workplace Amenities</td>
<td>AD EHS Center / Building &amp; Construction Sector Regulatory Authority</td>
<td>An emergency under this code of practice is an incident related to the entity / employer that can cause death, significant injuries to workers or in the surrounding community, or significant negative impacts on the environment.</td>
<td>Building and Construction Sector / Entities / employers</td>
<td>Emergency Management Plans</td>
</tr>
<tr>
<td>9.0 Workplace Wellness</td>
<td>AD EHS Center / Building &amp; Construction Sector Regulatory Authority</td>
<td>This code of practice applies to the amenities found at workplace and involves ensuring the availability of the minimum EHS requirements in this regard and the validity of control measures in place.</td>
<td>Building and Construction Sector / Entities / employers</td>
<td>EHSMS Documentation &amp; Records</td>
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<tr>
<td>9.1 Expectant Mothers</td>
<td>AD EHS Center / Building &amp; Construction Sector Regulatory Authority</td>
<td>Requirements and standards for workplace wellness and health promotion in the work and living environments (labor accommodation), promotion of awareness, education, and wellness programs to employees and contractors in order to encourage employees, contractors and their families to adopt healthy lifestyles and to prevent and control health and lifestyle related issues.</td>
<td>Building and Construction Sector / Entities / employers</td>
<td>EHSMS Documentation &amp; Records</td>
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<td>9.2 Managing work related stress</td>
<td>AD EHS Center / Building &amp; Construction Sector Regulatory Authority</td>
<td>Requirements for workplace rehabilitation and return-to-work to ensure that employees receive the appropriate treatment and benefits, including assistance in returning to their normal duties after a workplace injury, disorder or disease.</td>
<td>Building and Construction Sector High Risk Entities.</td>
<td>EHSMS Documentation &amp; Records</td>
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<td>10.0 Rehabilitation / Return to work</td>
<td>AD EHS Center / Building &amp; Construction Sector Regulatory Authority</td>
<td>Working in high temperature environments. High temperature environments include both weather (working outside in summer months) and site operations (furnaces, ovens, other high temperature operations)</td>
<td>Building and Construction Sector / Entities / employees working in heat.</td>
<td>Details of training, awareness resources and materials communicated to employees regarding working in hot environments</td>
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<td>11.0 Safety in the Heat</td>
<td>AD EHS Center / Building &amp; Construction Sector Regulatory Authority</td>
<td>Applies to all employers and places of business within the Emirate of Abu Dhabi that have equipment that uses, stores, Multi-tenanted residential buildings, commercial establishments</td>
<td>Building and Construction Sector / Entities / employers</td>
<td>Maintenance and disinfection schedule &amp;</td>
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<tr>
<td>12.0 Prevention and Control</td>
<td>AD EHS Center / Building &amp; Construction Sector Regulatory Authority</td>
<td>Applies to all employers and places of business within the Emirate of Abu Dhabi that have equipment that uses, stores, Multi-tenanted residential buildings, commercial establishments</td>
<td>Building and Construction Sector / Entities / employers</td>
<td>Maintenance and disinfection schedule &amp;</td>
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<td>Control of Legionnaires Disease</td>
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<td>or disseminates warm water and the building management / facility management company</td>
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<tr>
<td>AD EHSMS Code of Practice 13.0 Workplace Bullying and Violence</td>
<td>AD EHS Center / Building &amp; Construction Sector Regulatory Authority</td>
<td>Bullying and Violence include verbal abuse, spreading rumors and interfering with personal property or work equipment. Indirect bullying may involve unjustified criticism, denying access to information, withholding vital information, setting unreasonable tasks, excessive scrutiny or changing work arrangements to cause inconvenience.</td>
<td>Building and Construction Sector / Entities / Employees</td>
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<td>AD EHSMS Code of Practice 14.0 Manual Handling and Ergonomics 14.1 Manual Tasks Involving the Handling of People</td>
<td>AD EHS Center / Building &amp; Construction Sector Regulatory Authority</td>
<td>Requirements regarding Manual handling which is any transporting or supporting of a load (including the lifting, putting down, pushing, pulling, carrying or moving thereof) by hand or by bodily force. The management of risks associated with manual handling tasks.</td>
<td>Building and Construction Sector / Entities / Employees</td>
<td>Risk Assessment</td>
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<td>AD EHSMS Code of Practice 15.0 Electrical Safety</td>
<td>AD EHS Center / Building &amp; Construction Sector Regulatory Authority</td>
<td>Requirements to establish standards and principles that promote the design, construction and operation of safe and efficient systems of wiring in buildings and other premises. Requirements for eliminating, preventing and controlling electrical hazards.</td>
<td>Building and Construction Sector / Entities / Employees</td>
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<td>AD EHSMS Code of Practice 16.0 Control of Major Accidents Hazards (COMAH)</td>
<td>AD EHS Center / Building &amp; Construction Sector Regulatory Authority</td>
<td>Requirements and information for operators on how to meet duties under the COMAH regulations. Protect people and the environment from, and limiting the consequences of major accidents occurring within establishments covered by the COMAH regulations. The regulations for the control of major accident and hazards, by delivering a safety regime.</td>
<td>Building and Construction Sector / Entities / Employees</td>
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<td>AD EHSMS Code of Practice 17.0 Safety Signage and Signals</td>
<td>AD EHS Center / Building &amp; Construction Sector Regulatory Authority</td>
<td>This Code of Practice requires employers to use safety signage where there is a significant EHS risk that has not been avoided or controlled by the methods required, provided the use of a sign can help reduce the risks. Safety signs are not a substitute for those other methods of controlling risks such as engineering controls and safe systems of work.</td>
<td>Building and Construction Sector / Entities / Employees</td>
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<td>AD EHSMS Code of Practice 18.0 Worker camps and other Employer Supplied Accommodation</td>
<td>AD EHS Center / Building &amp; Construction Sector Regulatory Authority</td>
<td>Requirements for EHS regulations related to worker camps and other accommodation provided.</td>
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<td>AD EHSMS Code of Practice</td>
<td>AD EHS Center / Building &amp; Construction Sector Regulatory Authority</td>
<td>This Code of Practice establishes the requirements and standards for occupational food handling and food preparation. The intent of the standard is to help ensure employees health and fitness by providing detailed guidance and best practice to equip both the employer and the employee with the knowledge to enable them to avoid or eliminate the hazards, and thus reduce the risk in their day to day activities. Applies to all employers within the Emirate of Abu Dhabi.</td>
<td>AD EHSMS Code of Practice</td>
<td>AD EHS Center / Building &amp; Construction Sector Regulatory Authority</td>
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<td>Code of Practice</td>
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<td>26.0 Scaffolding</td>
<td>The requirements and standards to ensure that the risks associated with the use of scaffolding are assessed, that control measures are implemented in accordance with the hierarchy of controls and those measures are taken to prevent injury, illness and disease to persons who might be exposed to risks arising from those activities.</td>
<td>Building and Construction Sector / Entities / Employees</td>
<td>EHSMS Documentation &amp; Records Risk Assessments</td>
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<tr>
<td>27.0 Confined Spaces</td>
<td>This Code of Practice establishes the requirements and standards so that the risks associated with confined spaces are assessed, that control measures are implemented in accordance with the hierarchy of controls and those measures are taken to prevent injury, illness and disease to persons who might be exposed to risks arising from those activities.</td>
<td>Building and Construction Sector / Entities / Employees</td>
<td>EHSMS Documentation &amp; Records Risk Assessments</td>
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<tr>
<td>28.0 Hot Work Operations (Welding &amp; Cutting)</td>
<td>The requirements that the risks associated with hot work operations (welding and cutting), are assessed, that control measures are implemented in accordance with the hierarchy of controls and that measures are taken to prevent injury, illness and disease to persons who might be exposed to risks arising from those activities.</td>
<td>Building and Construction Sector / Entities / Employees</td>
<td>EHSMS Documentation &amp; Records Risk Assessments</td>
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<tr>
<td>29.0 Excavation</td>
<td>The requirements for risks associated with excavation control measures, to prevent injury, illness and disease to persons who might be exposed to risks arising from those activities.</td>
<td>Building and Construction Sector / Entities / Employees</td>
<td>EHSMS Documentation &amp; Records Risk Assessments</td>
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<tr>
<td>30.0 Lone Work / or in Remote Locations</td>
<td>The requirements for risks associated with lone working or remote locations and to ensure control measures are implemented.</td>
<td>Building and Construction Sector / Entities / Employees</td>
<td>EHSMS Documentation &amp; Records Risk Assessments</td>
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<tr>
<td>31.0 Working In / Over or Adjacent to Water</td>
<td>This Code of Practice established the requirements and standards so that the risks associated with working on, over or adjacent to water are assessed, that control measures are implemented in accordance with the hierarchy of controls and that measures are taken to prevent injury, illness and disease to persons who might be exposed to risks arising from those activities.</td>
<td>Building and Construction Sector / Entities / Employees</td>
<td>EHSMS Documentation &amp; Records Risk Assessments</td>
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<td>32.0 Watercraft and Dredging Equipment</td>
<td>The requirements relevant to the Building and Construction Sector and applies to the requirements for watercraft and dredging requirements for personnel performing watercraft and dredging operations namely inspection, training, certification and various operating activities.</td>
<td>Building and Construction Sector / Entities / Employees</td>
<td>EHSMS Documentation &amp; Records Risk Assessments</td>
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<tr>
<td>AD EHSMS Code of Practice</td>
<td>AD EHS Center / Building &amp; Construction Sector Regulatory Authority</td>
<td>This Code of Practice establishes the requirements and standards so that the risks associated with roadwork’s, as applied to both new highway construction works and the reconstruction or resurfacing of existing highways, are assessed, that control measures are implemented in accordance with the hierarchy of controls and that measures are taken to prevent injury, illness and disease to persons who might be exposed to risks arising from those activities.</td>
<td>Building and Construction Sector / Entities / Employees</td>
<td>EHSMS Documentation &amp; Records Risk Assessments</td>
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<td>AD EHSMS Code of Practice</td>
<td>AD EHS Center / Building &amp; Construction Sector Regulatory Authority</td>
<td>The requirements for risks associated with the use of lifting equipment and lifting accessories are assessed, that control measures are implemented in accordance with the hierarchy of controls and that measures are taken to prevent injury, illness and disease to persons who might be exposed to risks arising from those activities.</td>
<td>Building and Construction Sector / Entities / Employees</td>
<td>EHSMS Documentation &amp; Records Risk Assessments Log books and inspection check sheets</td>
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<td>AD EHSMS Code of Practice</td>
<td>AD EHS Center / Building &amp; Construction Sector Regulatory Authority</td>
<td>The requirements for risks associated with the use of portable power tools are assessed, that control measures are implemented in accordance with the hierarchy of controls and that measures are taken to prevent injury, illness and disease to persons who might be exposed to risks arising from those activities.</td>
<td>Building and Construction Sector / Entities / Employees</td>
<td>EHSMS Documentation &amp; Records Risk Assessments inspection check sheets</td>
</tr>
<tr>
<td>AD EHSMS Code of Practice</td>
<td>AD EHS Center / Building &amp; Construction Sector Regulatory Authority</td>
<td>This Code of Practice establishes the requirements and standards so that the risks associated with the use of plant and equipment are assessed, that control measures are implemented in accordance with the hierarchy of controls and those measures are taken to prevent injury, illness and disease to persons who might be exposed to risks arising from those activities.</td>
<td>Building and Construction Sector / Entities / Employees</td>
<td>EHSMS Documentation &amp; Records Risk Assessments inspection check sheets</td>
</tr>
<tr>
<td>AD EHSMS Code of Practice</td>
<td>AD EHS Center / Building &amp; Construction Sector Regulatory Authority</td>
<td>The requirements and standards so that the risks associated with the use of ladders are assessed, that control measures are implemented in accordance with the hierarchy of controls and that measures are taken to prevent injury, illness and disease to persons who might be exposed to risks arising from those activities.</td>
<td>Building and Construction Sector / Entities / Employees</td>
<td>EHSMS Documentation &amp; Records Risk Assessments tests, maintenance, inspections carried out on ladders.</td>
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<tr>
<td>AD EHSMS Code of Practice</td>
<td>AD EHS Center / Building &amp; Construction Sector Regulatory Authority</td>
<td>The requirements for risks associated with the use of concrete placing equipment are assessed, that control measures are implemented in accordance with the hierarchy of controls and those measures are taken to prevent injury, illness and disease to persons who might be exposed to risks arising from those activities.</td>
<td>Building and Construction Entities involved in manufacture</td>
<td>EHSMS Documentation</td>
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<tr>
<td>Code of Practice</td>
<td>AD EHSMS Code of Practice</td>
<td>Construction Sector Regulatory Authority</td>
<td>Measures are taken to prevent injury, illness and disease to persons. The safe operation of all types of concrete pumps and associated placing equipment used in pumping or spraying.</td>
<td>Of pre-cast and tilt-up panels, reinforced concrete construction, slab construction, concrete paving and concrete spraying.</td>
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<tr>
<td>39.0 Overhead and Underground Services</td>
<td>AD EHS Center / Building &amp; Construction Sector Regulatory Authority</td>
<td>This Code of Practice covers the requirements relevant to the planning, preparation and conduct of health and safety work practices in connection with overhead and underground services.</td>
<td>Building and Construction Sector / Entities / Employees</td>
<td>EHSMS Documentation &amp; Records, Risk Assessments, Inspection Records</td>
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<tr>
<td>40.0 Falsework / Formwork</td>
<td>AD EHS Center / Building &amp; Construction Sector Regulatory Authority</td>
<td>This Code of Practice establishes the requirements and standards so that the risks associated with false-work are assessed, that control measures are implemented in accordance with the hierarchy of controls and those measures are taken to prevent injury, illness and disease to persons who might be exposed to risks arising from those activities.</td>
<td>Building and Construction Sector / Entities / Employees</td>
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<td>41.0 Steel Erection</td>
<td>AD EHS Center / Building &amp; Construction Sector Regulatory Authority</td>
<td>This Code of Practice establishes the requirements and standards so that the risks associated with steel erection are assessed, that control measures are implemented in accordance with the hierarchy of controls and that measures are taken to prevent injury, illness and disease to persons who might be exposed to risks arising from those activities.</td>
<td>Building and Construction Sector / Entities / Employees</td>
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<td>42.0 Tilt-Up and Pre-Cast Construction</td>
<td>AD EHS Center / Building &amp; Construction Sector Regulatory Authority</td>
<td>This Code of Practice establishes the requirements and standards so that the risks associated with tilt-up and pre-cast concrete elements are assessed, that control measures are implemented in accordance with the hierarchy of controls and that measures are taken to prevent injury, illness and disease to persons who might be exposed to risks arising from those activities.</td>
<td>Building and Construction Sector / Entities / Employees</td>
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<td>43.0 Temporary Structures (Office Buildings, tents, etc.)</td>
<td>Structures can be prevented or reduced through the introduction of planning and physical control measures;</td>
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<td>AD EHSMS Code of Practice</td>
<td>This Code of Practice establishes the requirements and standards so that the risks associated with site traffic and logistics can be prevented or reduced through the introduction of planning and physical control measures;</td>
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<td>44.0 Traffic Management and Logistics</td>
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<td>45.0 Underwater Activities</td>
<td>The following Code of Practice applies to every place of employment within the waters of Abu Dhabi, UAE. It covers all diving and related support operations conducted in connection with all types of work and employments, including general industry, construction, recreational diving, commercial diving, ship repairing, shipbuilding, ship-breaking, and long-shoring;</td>
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<td>46.0 Underground Constructions (Tunnels, shafts, cofferdams, piling, etc.)</td>
<td>This Code of Practice establishes the requirements and standards so that the risks associated with underground construction are assessed, that control measures are implemented in accordance with the hierarchy of controls and that measure are taken to prevent injury, illness and disease to persons who might be exposed to risks arising from those activities.</td>
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<td>47.0 Machine Guarding</td>
<td>This Code of Practice establishes the requirements and standards so that the risks associated with the guarding of machinery are assessed, that control measures are implemented in accordance with the hierarchy of controls and those measures are taken to prevent injury, illness and disease to persons who might be exposed to risks arising from those activities.</td>
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<td>48.0 Spray Painting</td>
<td>Requirements for spray finishing operations including spray painting that uses compressed gases including compressed air. Determine the risks associated to identify areas where control measures and safe work practices are required to reduce employee’s exposures to hazards associated with spray finishing operations and hazardous</td>
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<td>Federal Law 8 (1980)</td>
<td>Ministry of Labor</td>
<td>Every employer must provide adequate means of protection for the employee from the hazards of injuries and vocational. Display at a conspicuous point in the place of business detailed instructions concerning methods to prevent fire and protect employees. Each employer has to arrange for one medical aid box(s), supplied with medicines, bandages disinfectants and other relief aids. cleanliness and ventilation in each place of business and must provide such places with adequate illumination, potable water and toilets, full medical check-up at least once each 6 months regularly</td>
<td>Building and Construction Sector / Entities / Employees</td>
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<td>for his employees who are exposed to the danger of infection with any of the occupational diseases, agents of the employers or any other persons having authority on employees may not permit entry of any kind of alcoholic drinks.</td>
<td>Building and Construction Sector / Entities / Employees</td>
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<tr>
<td><strong>Federal Protection and Development of the Environment</strong></td>
<td><strong>Ministry of Labor</strong></td>
<td><strong>Fire exit signs, fire evacuation procedure, notice board, induction briefings, audit reporting, competency matrix, risk</strong></td>
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<td><strong>UAE Federal Law: Ministerial Order No. (32) for the year 1982</strong></td>
<td><strong>Ministry of Labor</strong></td>
<td><strong>Fire exit signs, fire evacuation procedure, notice board, induction briefings, audit reporting, competency matrix, risk</strong></td>
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<td>1. Protection and conservation of the quality and natural balance of the environment. 2. Control of all forms of pollution and avoidance of any immediate or long-term harmful effects resulting from economic, agricultural, industrial, development or other programmes aiming at improving life standards and co-ordination among the Agency, Competent Authorities and Parties concerned with the protection of the environment and conservation of the quality, natural balance and consolidation of environmental awareness and principles of pollution control. 3. Protection of society, human health and the health of other living creatures from activities and acts, which are environmentally harmful or impede authorized use of the environmental setting.</td>
<td><strong>Building and Construction Sector / Entities / Employees</strong></td>
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<td>It is prohibited to undertake any activity contributing directly or indirectly, to damaging, disturbing the natural properties or polluting the soil in any way that may affect its productivity.</td>
<td><strong>Soil Protection</strong></td>
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<td>It is prohibited to undertake any activity that damages the quantity or quality of flora in any area, thus causing desertification or deformation of the natural environment and it is prohibited to cut, uproot or cause damage to any tree, shrub or grass without authorization from the competent authority, in coordination with the Agency.</td>
<td><strong>Ecology</strong></td>
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<td>Federal Law No. 19 of 1993 Concerning the Determination of the Maritime</td>
<td>Relevant Regulatory Authorities</td>
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<td>The organization of the building, installation or use of structures, installations or artificial Islands in or above the continental shelf or the exclusive economic zone in view of exploring or exploiting its natural resources. It must be taken into account not to establish such structures or installations that might prohibit from reaching the land or hinder the international navigation.</td>
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<td>2 - The establishment of safety zones mentioned in Article 21 herein.</td>
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<td>3 - The instructions to be abided by in order to protect the structures and installations.</td>
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<td>4 - The organization or prohibition of entry of vessels into safety zones.</td>
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<td>5 - Instructions list to be abided by in order to protect the living and non-living resources of the economic zone and the continental shelf.</td>
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<td>6 - The environmental affairs, scientific research and technology transfer.</td>
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<td>7 - Any other similar matters.</td>
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<td>Constructions and installations safety zones in which it takes necessary precautions to ensure the safety of such artificial Islands, constructions and installations. The State shall determine the width of the safety zones, taking into</td>
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<td>Building and Construction Sector</td>
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account the internationally adopted criteria, and the safety zones shall be established in a way that guarantees a reasonable connection between such zones, the nature, and the function of either artificial Islands, constructions or installations. The area around them shall not exceed 500 meters measured from every point at their outer edge, unless the surpass is acceptable in accordance with the international criteria.

| Ministerial Decision No. (587) of 2009 and (26) of 2009 regarding Working Hours in the Sun | Ministry of Labor | 1. Asphalt mix laying works, concreting if the same can not be carried out or completed during the afternoon period.
2. Works necessary to avoid any danger or rectify any damage or fault or accidental losses. These works include the repair of:
  • water supply line disconnection
  • drainage line disconnection
  • electric current disconnection
  • traffic suspension in highways
  • oil or gas pipelines interruption
3. Works, the carrying out of which, require a permit from a competent governmental authority due to its impact on the traffic movement and services, if the permission provides for its completion continuously. These works include:
  • Suspension or conversion of main highways
  • Electric current interruption
  • Etisalat lines disconnection
4. Any other works approved by the Director General of the Ministry
   If work continues by virtue of the above mentioned articles, the employer should provide the following:
   1. Cold potable water in conformity with the number of workers and safety and general health conditions.
   2. means of quenching such as salts and lemon as those approved by the health authorities in UAE.
   3. first aid on site.
   4. industrial cooling means.
   5. sunshades |
| Council of Ministers Decree No. 37 of 2001 | Ministry of Water and Environment/Env | The Environmental Impact Assessment of Projects, Handling of Hazardous Substances, Hazard wastes and Medical Wastes, the protection of Marine Environment, |
| | Building and Construction Sector / Entities / Employees | EHSMS Documentation & Records |

Council of Ministers Decree No. 37 of 2001

Ministry of Water and Environment/Env

The Environmental Impact Assessment of Projects, Handling of Hazardous Substances, Hazard wastes and Medical Wastes, the protection of Marine Environment,
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<th>Environment Agency Abu Dhabi</th>
<th>Agricultural Pesticides and Fertilizers and protection of air Pollution.</th>
<th>Inspection Records</th>
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</table>
| **Council of Ministers Decree No. 12 of 2006 for Federal Law No. 24 of 1999** | Regulation Regarding Protection of Air from Pollution  
- air pollutants must not exceed the acceptable permissible limits specified  
- Machines, engines or vehicles producing exhaust gases that exceed the limits specified shall not be used.  
- prohibited to throw, treat or burn garbage and solid wastes except in places designated  
- Precautions at the time of exploration, drilling, construction, demolition or transportation of wastes or dusts produced  
- adequate ventilation in the work place  
- measures to prohibit smoking in closed public places.  
- Disposal of hazardous wastes and medical wastes, activities resulting in the production of hazardous wastes shall keep a registry for such hazardous wastes,  | Building and Construction Sector / Entities / Employees  
EHSMS Documentation & Records  
Risk Assessments  
Inspection Records |
| **Local Law 21 of 2005 Waste Management in the emirate of Abu Dhabi** | Reduce the generated waste by means of implementing the regulations, Classify the generated waste to hazardous and non-hazardous waste, Enforce its waste generating facilities with the occupational health and safety requirements, In case of transporting waste, must comply with the codes of practice and guidelines for licensing of waste transport vehicles and the regulation and monitoring of transport operations. Facilities for storage, treatment or disposal of waste, the provisions of Article (6) of this law must be complied.  
1) In case of contract with the private sector for transporting, storage, treatment or disposal of waste, the following must be carried out:  
   a) Restrict waste contracts to Environmental Service  | Building and Construction Sector / Entities / Employees  
EHSMS Documentation & Records  
Risk Assessments  
Inspection Records |
Providers permitted by the Competent Authority.

b) Inform parties interested in contracting of all wastes that are classified as hazardous wastes, and furnish such parties with all the data available therewith on the description and specifications of such wastes.

c) Medical or hazardous waste must not be delivered to any party interested in contracting unless such parties specify the means that they shall apply on such waste and provide the approval of the Competent Authority.

d) Complete delivery and transport of wastes as per the approved regulations and guidelines.

| Local Law Abu Dhabi (16) of 2009 Amending certain provisions of law no. (4) of 1983 regarding organizing building works" | DMA | Administrative measures violating buildings and works that directly hinder or cripple utility of highways and public services which pose a threat to public health, safety or the environment or spoil the general view and landscape of the City at the expense of the violating person. The engineers and inspectors of the Department who are commissioned with the control over the enforcement of the Law and its Executive Regulations shall take minutes on the control of violations under the Schedule attached to this Law. The Engineering Firm and the Contractor shall to the extent that each is concerned ensure that the site is safe and free of utility lines and shall notify the Department upon commencement of the work, in accordance with the requirements set out in the implementing regulations of this Law. | Building and Construction Sector / Entities / Employees | EHSMS Documentation & Records
Inspection Records |
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<td>Electricity Wiring Regulations 2007 Requirements of Electricity Wiring</td>
<td>Ministry of Electricity and Water</td>
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<td><strong>ESMA Standard</strong>&lt;br&gt;UAE.S GSO 212 : 1994 – Personal Protective Equipment</td>
<td>ESMA</td>
<td>Industrial Safety and Health regarding Personal Protective Equipment</td>
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<td><strong>ESMA Standard</strong>&lt;br&gt;UAE.S GSO 220 : 1995 – Industrial Safety and Health Regulations - Welding, Cutting and Brazing</td>
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