



**ENGR. A.K. AbdulKareem**

*Chief Accident Investigator  
Accident Investigation Team (AIT) 24/7*

***Health and Safety Department***



# DUBAI MUNICIPALITY STRUCTURE :



IPAF MIDDLE EAST  
CONVENTION

7 NOVEMBER 2018

MEYDAN HOTEL,  
MEYDAN RACECOURSE,  
NAD AL SHEBA, DUBAI, UAE

## The initiator ?

CEO – HSE Control  
Sector



Director – Health and  
Safety Department



AIT 24/7



Engr Ahmed Khalil  
Abdul Kareem

### Accident Investigation Team(AIT) 24/7 :

**Engr Ahmed Khalil Abdul Kareem**

**Principle Safety Engineer, Health &  
Safety Department, Dubai Municipality &  
Dubai Govt. Chief Accidents Investigator**

Ahmed is a courts under oath expert and HSE specialist for construction sites and a risks assessor for public HS. He has given over 17 years' service to Dubai Municipality. He studied at Al-Mustansiriya University in Baghdad and in 1993 was awarded a Bachelor's Degree in Civil Engineering. He is also a Green Building Committee member.

**Rebecca Kelly**

**Partner, Morgan Lewis**

Rebecca is actively involved in law reform in the Middle East region and regularly advises regional and international clients on Occupational Health and Safety (OSH) obligations and legal challenges in the UAE and the Gulf Cooperation Council (GCC). She has one of the only dedicated OSH practices in the Middle East and was appointed to the UAE's Federal Ministry of Labour Technical Committee responsible for the development of the UAE building and construction sector's OSH legislation. Her clients include companies involved in the construction, infrastructure, finance, industrial, technology, transport, general trading, education, healthcare, and pharmaceutical sectors. Rebecca has been based in the UAE since 2005.

## Today Title:

A Legal Insight Into ....

# A Typical Accident Investigation



## The jurisdictions :

The official power to make legal decisions and judgments to Fault Liabilities.

### Fault Liability:

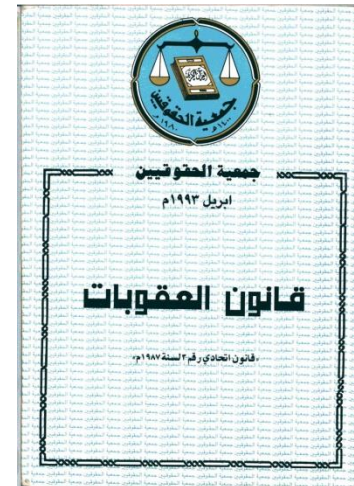
There was a duty of care.

The duty of care was breached (Negligence)

The breach cause the injury or loss

[https://www.dxbpp.gov.ae/law\\_page.aspx?Law\\_ID=2&Grand\\_ID=2](https://www.dxbpp.gov.ae/law_page.aspx?Law_ID=2&Grand_ID=2)

Federal law no. 3 issued on 1987 concerning the penal code, amended by federal law no. 34/2005 dated 2005, and federal law no. 52/2006 dated 2006



# *The* OHS :

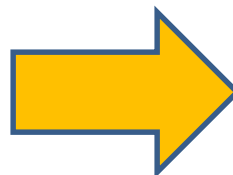
### **Variation of Legislation between countries caused by:-**

- Different legal systems
- Different standards of legislation and enforcement
- Different penalties for breaches
- Religious and cultural issues
- Knowledge of enforcement bodies
- Degree of monitoring/reporting to enforcement authorities

### **Promoting a Positive Health and Safety Culture**

# United Arab Emirates & Dubai HSE Legislations List:

**FEDERAL**



**LOCAL**



TYPE OF STATUTE	TITLE
<b>Federal Laws</b>	Federal Law No. 8 of 1980 – UAE Labour Law 1980
	Federal Law No. 1 of 2002 – Regulation and Control of the Use of Radiation Sources and Protection Against their Hazards
	Ministerial Order No. 12 of 2006 – Air Pollution Law
	Ministerial Order No. 32 of 1982 - Protection of Workers from Work Risks
	Ministerial Resolutions on Hours and Place of Work
<b>Local Orders</b>	Local Order 61 of 1991 - Concerning Environment Protection Regulations in the Emirate of Dubai
	Local Order 11 of 2003 - Concerning Public Health and Community Safety in the Emirate of Dubai
	Local Order 3 of 1999 on Construction Activities Regulations in the Emirate of Dubai.
<b>Administrative Decision</b>	Administrative Decision no. (125) of 2001 on Endorsement of Construction Regulations, Conditions and Specifications.
	Administrative Decision no. (425) of 2016 on Issuance the list of Fines and Penalties of the Local Order no. (3) of 1999 on Construction Activities Regulations in the Emirate of Dubai
	Administrative Decision no. (211) of 1991 on Issuance of the Executive Regulations of the Local Order no. (61) of 1991 concerning Environmental Protection Systems in the Emirate of Dubai
<b>Code of Practices</b>	Code of Construction Safety Practice
	Code of Practice for the Management of Dangerous Goods in the Emirate of Dubai
	Code of Safety Practice for Industries <i>(draft)</i>
	Dangerous Goods Occupational Health and Safety Code of Practice <i>(draft)</i>

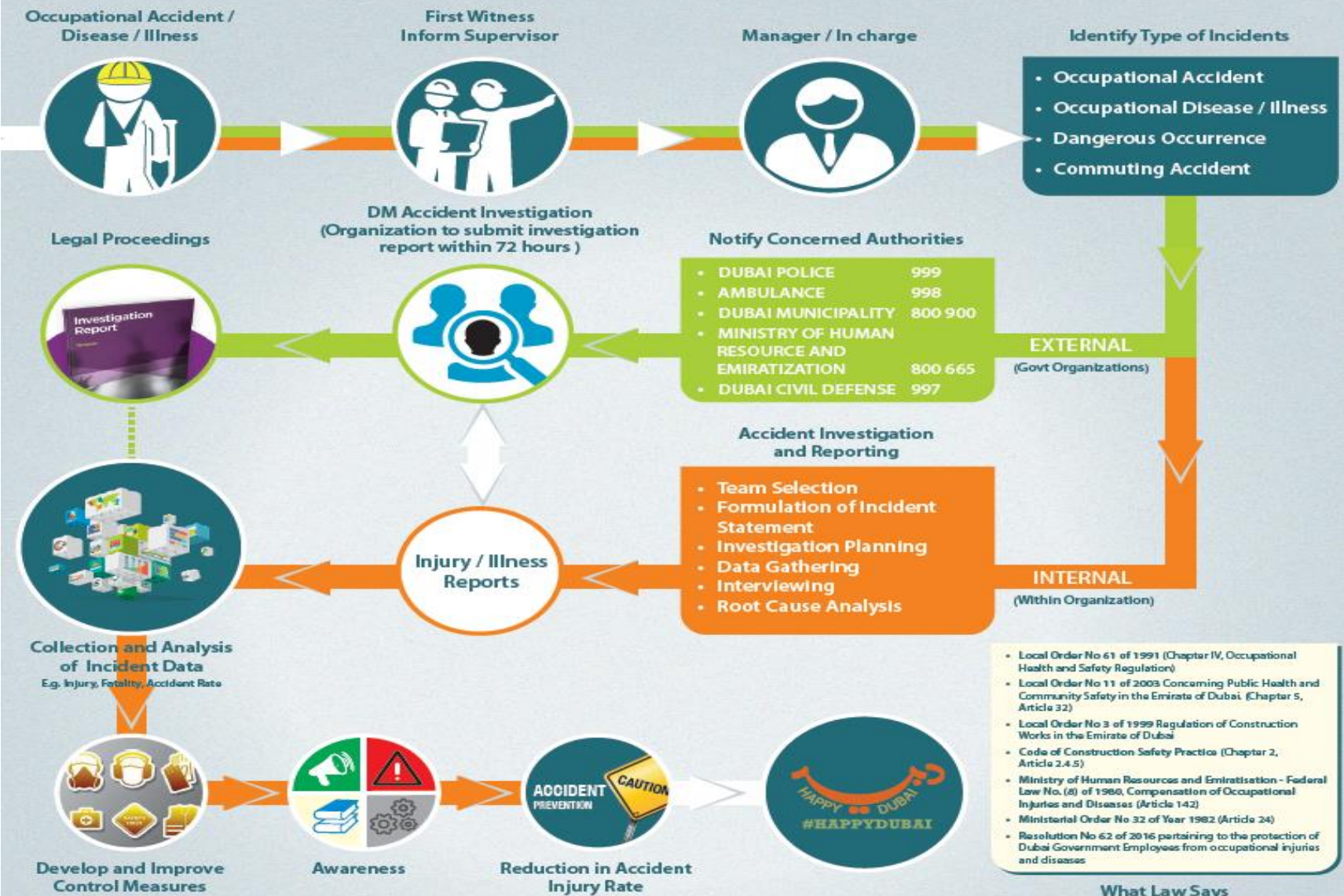
<https://www.dm.gov.ae/en/Business/Legislation/Pages/default.aspx>

## Dubai Technical guideline List:

TYPE OF STATUTE	TITLE	
<b>Technical Guideline</b>	DM-PH&SD-P4-TG01	Industrial Compressed Gas Cylinders
	DM-PH&SD-P4-TG02	Safety Audit Reports
	DM-PH&SD-P4-TG03	Heat Stress at Work
	DM-PH&SD-P4-TG04	Entry into Confined Spaces
	DM-PH&SD-P4-TG05	Electrical Safety at Work
	DM-PH&SD-P4-TG06	Guarding of Dangerous Machinery
	DM-PH&SD-P4-TG07	Paint Spray Booths
	DM-PH&SD-P4-TG08	Personal Protective Equipment - Head Protection
	DM-PH&SD-P4-TG09	Personal Protective Equipment – Eye and Face Protection
	DM-PH&SD-P4-TG10	Personal Protective Equipment – Hearing Protection
	DM-PH&SD-P4-TG11	Personal Protective Equipment – Protective Clothing
	DM-PH&SD-P4-TG12	Personal Protective Equipment – Hand Protection
	DM-PH&SD-P4-TG13	Personal Protective Equipment – Foot Protection
	DM-PH&SD-P4-TG14	Personal Protective Equipment – Fall Protection Safety Lines
	DM-PH&SD-P4-TG15	Personal Protective Equipment – Respiratory Protection
	DM-PH&SD-P4-TG16	Safe Use of Industrial Organic Solvents
	DM-PH&SD-P4-TG17	First Aid Requirement
	DM-PH&SD-P4-TG18	Safety in Vehicle Repair and Servicing Shops
	DM-PH&SD-P4-TG19	Health and Safety in Kitchen and Food Preparation Areas
	DM-PH&SD-P4-TG20	Examination and Certification of Boilers and Pressure Vessels
	DM-PH&SD-P4-TG21	Examination and Certification of Cranes, Hoists, Lifts and Other Lifting Appliances
	DM-PH&SD-P4-TG22	Acetylene Generators
	DM-PH&SD-P4-TG23	Safety Procedures in Metal Finishing Industries
	DM-PH&SD-P4-TG24	Safety in Handling Asbestos
	DM-PH&SD-P4-TG25	Development of Emergency Response Procedure for Accidents Involving Dangerous Goods
	DM-PH&SD-P4-TG26	Safety and Health Requirements for Laundry Operations
	DM-PH&SD-P4-TG27	Liquefied Petroleum Gas Cylinders
	DM-PH&SD-P4-TG28	Protection Against Ionizing Radiation
	DM-PH&SD-P4-TG29	Guidelines for Obtaining Health and Safety Clearance for Industrial Premises and Professional Services

# Dubai HSE Reporting System...

## Internal / External Processes for Incident Notification, Reporting, Recording and Data Usage



## ❖ What needs to be included in a report form? (Minimum requirements)

- General information of organization
- Incident information
- Injured employee data
- Details of injury
- Description of the accident
- Root cause Identification
- Corrective measures

**Submit within 3 working days to the concerned Dep.**

## DM web site Links ...

<https://www.dm.gov.ae/en/Business/Legislation/Pages/default.aspx>

<https://www.dm.gov.ae/en/Business/HealthAndPublicSafety/Pages/Technical-Guidelines-List.aspx>

<https://www.dm.gov.ae/en/Business/HealthAndPublicSafety/Pages/default.aspx>

<https://www.dm.gov.ae/en/business/healthandpublicsafety/pages/health-&-safety-publications.aspx>

<https://www.dm.gov.ae/en/Business/AccreditationAndConformity/Pages/default.aspx>

<https://www.dm.gov.ae/en/Business/PlanningAndConstruction/Pages/Building-Publications.aspx>

# Accident Real Scenario :

Are you aware:

According to ILO, every day Approximately **6,400** people die from an occupational accident or diseases; **860,000** people are injured on the job.

## 1- ACCIDENT CALL



Elevated Work Platforms  
(Cradle) fail



## 2- SCENE CONFISCATING FOR INVESTIGATION:

### ACCIDENT Scene



**Health and Safety Notice**

**b17076**      29/07/2017      29/07/2017

NOV No.      Accident Date      Issue Date

Company name / Occupier      إسم الشركة / شاغل المكان      License Number      رقم الرخصة

Address      العنوان

29/07/2017      لقد تم إصدار الإنذار وفقاً للأمر المحلي 61/1991 والأمر المحلي 11/2003 والأمر المحلي 3/1999 خلال عمليات التحقيق في الحادث بتاريخ  
يطلب أرفاقاً المستندات التالية لإكمال عمليات التحقيق خلال ثلاثة أيام عمل من تاريخ تحرير هذا الإنذار.

This notice has been given with respect to Local Order 61/91, Local Order 11/2003 and Local Order 3/1999 during investigation of accident  
on: 29/07/2017 You are directed to submit the following within 3 Working Days from Issue Date of this notice

Accident: 2 worker get injury while working on ghdole for cleaning

ITEM	Required Documents	المستندات المطلوبة
1	Injured Workers Training Records, Job Description and Experience in the current job	وصف المهام وشهادة التدريب وشهادة خبرة العامل / العمال المتضررين
2	Trade / Professional License Copy	نسخة من الرخصة التجارية / المهنية
3	Annual Lifting Device Test Certificate	شهادة الفحص السنوية للجهاز
4	Description of Accident & Witness Statement	تاريخ الحادث وبيان ما حدث
5	Machinery / Equipment Maintenance Record	سجلات الصيانة للمعدات
6	Machinery Operation Manual including Details of Safety Requirements	دليل تشغيل الآلة مع تفاصيل متطلبات السلامة
7	Location Map Showing How to Reach The Company	خريطة الموقع بوضوح طرق الوصول إلى الشركة
8	Risk assessment / Safe work procedures / Method Statement	تقرير تقييم المخاطر وإجراءات العمل الآمنة
9	Details of Machinery Operator Training Certificate	تفاصيل شهادة التدريب لتشغيل الآلة
10	Subcontractors details / Contracts	تفاصيل المتعاقدين - شكاكين وأعمالهم الخاصة بهم
11	Medical reports and sick leave for the injured	التقارير الطبية والإجازات المرضية للمتضررين
12	Preventive & Corrective Measures	الإجراءات الوقائية والتصحيحية
13	Any other supporting documents	بما يتعلق بالأمر

You are directed to Comply with the following:

Please login to Makani website and enter the number for our office location.

www.makani.ae

33484 97156

يرجى التحويل إلى موقع مكاني وإدخال الرقم للوصول إلى موقع مكتبنا

www.makani.ae

Please send the documents (on USB) to Dubai Municipality, Deira - Hour Al Aziz East, Near Main Deira Post Office, Gate No. 5, Block 6

يرجى إرسال الوثائق على قرص مكنة كارتة خارجية إلى بلدية دبي، حي ساعة العزيز شرق، قرب مكتب البريد الرئيسي في ديرة، بوابة رقم 5، كتلة رقم 6

REQUESTED BY      RECEIVED BY



## 2- SCENE CONFISCATING FOR INVESTIGATION:



- 1- No 3<sup>rd</sup> party test and certificate after a major alteration
- 2- No adequate Prevention Maintenance
- 3- No Daily Inspection prior to use
- 4- No Adequate Supervision from person in charge/Management

### 3- FOLLOW UP - PP OFFICE AND COURTS

- 1- No 3<sup>rd</sup> party test and certificate after a major alteration
- 2- No adequate Prevention Maintenance
- 3- No Daily Inspection prior to use
- 4- No Adequate Supervision from person in charge/Management



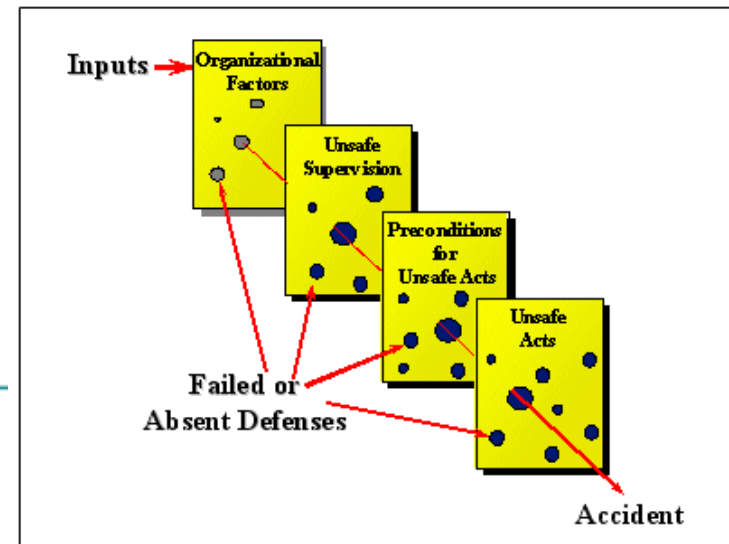
Jun'ha      جنحة

Misdemeanor  
(a minor wrongdoing)



## From My Experience !!!

- 1- No Accident ever happening from one reason.
- 2- Don't send your worker/employee to a place you can't reach easily by your self (working at height)
- 3- Get a separate advice/Advocate for your case.
- 4- Your 20+ experience is not enough! And it is not about (Overconfidence!)
- 5- Major accidents are usually the result of Management System Failures.
- 6- The Safety officer/Engineer is an advisor for the site management !



# EMERGENCY ?

## DUBAI MUNICIPALITY CONTACT NUMBERS

**DUBAI 24/7 APP. (NEW)**

DM Call Centre Hotline - 800900 Dubai Municipality Hotline (04)2232323

حكومة دبي  
GOVERNMENT OF DUBAI

دبي بلدية  
DUBAI MUNICIPALITY

قياس مستوى إزعاج  
أعمال البناء  
Measure noise levels from  
construction works

تقديم الإشعار  
باستخدام الكاميرا  
Submit the notification  
using your camera

البحث الصوتي عن  
الخدمات والإبلاغات  
Search services and notifications  
using voice commands

إدخال الوصف  
باستخدام الصوت  
Enter your request using  
the audio feature

متابعة لحظة لحظ  
الخدمات والإبلاغات  
Track your services and  
notifications live

تطبيق بلدية دبي الذكي لخدمات وإبلاغات الأفراد  
على مدار الساعة وطوال أيام الأسبوع  
Smart Application for Dubai Municipality's  
individual Services and Notifications 24/7

حمّل التطبيق  
Download App

بناء مدينة سعيدة ومستدامة  
Developing a happy and sustainable city

800900  
www.dubai.gov.ae

### Important telephone numbers

Emirate	Police	Ambulance	Civil Defence	Installations and Coast Protection Agency	National Seismology and Meteorology Centre
Abu Dhabi	999	998	997	996	02-222 7374 02-222 7377
Dubai	999	998	997	996	
Sharjah	999	998	997	996	
Ajman	999	998	997	996	
Umm Al Quwain	999	998	997	996	
Ras Al Khaimah	999	998	997	996	
Al Fujairah	999	998	997	996	

Thank You

With regards of

## Health and Safety Department

Dubai Municipality



Contact me:

[akabdulkareem@dm.gov.ae](mailto:akabdulkareem@dm.gov.ae)