



OH&S Standard Implementation in Waste Sector

MENA HSE Forum - Dubai

6-7 September 2022



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FOR YOUR HAPPINESS



ننظف الطرقات
WE CLEAN THE STREETS



ندور
WE RECYCLE



نجمع النفايات
WE COLLECT WASTE



نكافح الآفات
WE PESTICIDE



نخطط
WE PLAN

Dr. Eng. Hani Hossni



- EHS Director in TADWEER since 2015
- He was awarded Doctorate in Business Administration from Aston University in 2021
- OSHAD Executive Committee Member since 2013
- Former HSEQ Manager and Management Representative in ADDC / ADWEA.
- Board Member in DQG, and Managing Director of EECT 2011.
- Master in Quality Management from University of Wollongong in Dubai 2005.
- Leads ADDC to Win SKEA 07, 11, and the 5 star from BSC in 09
- Recognized by Sheikh Ahmed bin Saeed Al Maktoum for the Young National Leader on the Excellence Business field, 09
- Sheikh Rashid Al Maktoum Award for Scientific Outstanding” 08



Agenda

- Road Map to
- EHS Excellence



Set
Direction



OHS
Management
System



Waste Sector
Specific
Requirements

Abu Dhabi Waste Sector EHS Vision and Objectives

OHS Standards

Abu Dhabi OHS System Framework – OSHAD SF 3.0

ISO45001:2018

Waste Sector EHS Incident Prevention Rules

Waste Sector EHS Incident Prevention Rules



Abu Dhabi Waste Sector EHS Mission, Vision and Objectives



السلامة



الصحة المهنية



البيئة



إستمرارية الأعمال



EHS Mission

EHS Mission is to “Develop Environmental, OHS and BCM world class systems in line with the latest local standards, regulations, international standards and best practices, train and develop the necessary EHS and BCM competencies, support Systems implementation, monitor and measure the effectiveness and continual improve to achieve the Tadweer vision, as well as regulate the waste sector in line with the Abu Dhabi OHS System Framework (OSHAD SF3.0)”



EHS Vision

- **Incident and Injury free workplace,** protecting occupation **Health,** Managing environmental impacts, and Continuing critical operations and services in case of disruption, emergencies, crises and disasters



EHS Strategic Objectives

1. Fully comply with EHS regulatory, legislative requirements and international standards
2. Prevent EHS Incidents





EHS regulatory, legislative requirements and international Standards

Waste Sector development and implementation of an occupational Health and Safety Management System that complies with the following:

1. Abu Dhabi OSH System Framework (OSHAS SF 3.0)
2. ISO45001:2018 Occupational Health and Safety international standard
3. Applicable Legal and Other Requirements
4. Waste Sector **Incident Prevention Rules**





Waste Sector Incident Prevention Rules (WSIPR)

"iPrevent"



Waste Sector Significant EHS Risks



الخطر الكيميائي
CHEMICALS HAZARD 01

02 الخطر البيولوجي
BIOLOGICAL HAZARD



03 المخاطر الميكانيكية
MECHANICAL HAZARDS

04 مخاطر وضعية الجلوس في المكتب
COMPUTER WORK STATIONS HAZARDS



05 المخاطر الكهربائية
ELECTRICITY HAZARDS

06 الحرائق
FIRE



07 التنظيم
HOUSEKEEPING

08 المناولة اليدوية
MANUAL HANDLING



09 الانزلاق والتعثر و السقوط
SLIPS, TRIPS & FALL

10 الضغط النفسي
STRESS



11 المخاطر الفيزيائية
PHYSICAL HAZARDS

12 مخاطر العمل والقيادة على الطريق
DRIVING & WORKING ON ROAD HAZARDS



القاعدة الأولى - Rule No 1

Top Management Commitments, Support and Resources إلتزام ودعم ومشاركة الإدارة العليا وتوفير الموارد

- Governance framework Defines Responsibilities and Authorities
- Documented Commitments (Policy)
- Availability of Competent EHS Manpower Resources
- Support Financial Resources
- Management Demonstrated Commitments, through support and leading by example



القاعدة الثانية - Rule No 2

Identify, evaluate and control all risks in workplace
تحديد وتقييم والتحكم في جميع المخاطر في مكان العمل

- All EHS Risks/Impacts associated with operations and services shall be identified
- The level of the risks shall be assessed in line with the defined assessment procedure
- The risk shall be mitigated to ALARP level where possible incidents are prevented
- The risk shall be reviewed periodically and when applicable



القاعدة الثالثة - Rule No 3

Develop, implement and monitor Safe System of Work inline the identified Risk and the Regulatory Requirements

تطوير وتطبيق ومتابعة نظم العمل الأمن بما يتوافق مع المخاطر والمتطلبات التنظيمية والتشريعية

- The Organization shall develop Safe System of work in line with the level of the risk identified
- The Safe System of Work Shall be in line with Regulatory requirements i.e. CoPs and Specific to Waste Sector Regulatory Authority Requirements
- The Safe System of work shall aim prevention of incident
- The safe system of work shall be simple as possible where easy to implement



القاعدة الرابعة - Rule No 4

Promote Safe behavior, Understanding of risk controls through engagement, training and awareness

تعزيز السلوك الأمان وفهم الموظفين لضوابط المخاطر من خلال المشاركة والتدريب والتوعية

- Development and Improvement of Safe Behavior at workplace
- Promote hazard, near miss and incident reporting
- Engagement of work force in risk assessment, development of safe system of work and investigation of incidents
- Development and implement comprehensive training and awareness program



القاعدة الخامسة - Rule No 5

Work toward Prevention of Fire Risk

العمل على منع خطر الحريق

- Smoking is strictly forbidden inside Tadweer's premises and facilities
- No open flame inside Tadweer's facilities
- Waste which may containing flammable materials shall be treated with precautions to ensure safe transport and disposal without causing fires
- Develop and implement fire prevention programs
- Develop and implement emergency procedures to ensure effective response, control and recovery from fires



القاعدة السادسة - Rule No 6

All are required to Commit to Traffic Management Rules and Regulations including working on roads

يجب على الجميع الإلتزام بقواعد ولوائح السير والمرور والعمل في الشوارع

- All Vehicles' users shall fasten seat belt all time while vehicle is moving
- Vehicles Driver/operator shall not use mobile phone or other devise while driving
- Vehicles Driver/operator shall strictly Comply with Speed limits
- Development and implement specific safe system of work for road work inline with applicable requirements and monitor implementations



القاعدة السابعة Rule No 7

Control the risk associated with interface with Vehicles and Equipment including mechanical risks

التحكم في المخاطر المرتبطة بالتعامل مع المركبات والمعدات بما في ذلك المخاطر الميكانيكية

- Risks related to work on or near Large Vehicles and equipment i.e. moving and rotary vehicles must be controlled
- Technology should be where possible used to reduce the workers interface with mobile mechanical equipment
- Workers must be protected from moving mechanical parts
- Vehicles and equipment must be maintained by authorized persons and within strict procedures to ensure risk control



القاعدة الثامنة - Rule No 8

Control the Biohazard associated Risks from
working interface with Hazardous Materials and
Wastes

التحكم في المخاطر البيولوجية المرتبطة بالتعامل مع
النفايات والمواد الخطرة

- Hazardous materials, pesticides and wastes must be registered at work sites
- Risks related to working / handling hazardous materials, pesticides and wastes shall be assessed and controlled
- A safe system of work must be developed and implemented to ensure the safe handling of hazardous materials and wastes and ensure the prevention of accidents
- Training shall be conducted to workers on safe handling of such materials
- The implementation Shall be monitored



القاعدة التاسعة - Rule No 9

PPE are one of risk control measures, Using PPE on site is mandatory Requirements

معدات الوقاية الشخصية هي واحدة من تدابير السيطرة على المخاطر، استخدام معدات الوقاية الشخصية على الموقع إلزامية

- PPE are consider the last defense to risk, it shall be selected based on the type of risk
- PPE are Mandatory Requirements at workplace
- PPE must be provided to workers free of cost
- The workers shall be trained on use and maintain of such PPE
- PPE use shall be monitored by Competent staff
- It shall be replaced periodically and when applicable



القاعدة Rule No 10 العاشرة -

It is prohibited to drive or work under the effect of drugs or alcohol

يحذر قيادة السيارة أو العمل تحت تأثير الأدوية
المخدرة أو الكحول

- Alcohol is prohibited in **ALL** Tadweer's facilities
- No one shall report to work site or be at work under the influence of alcohol
- Person who may having specific diseases and taking specific drugs, such shall be reported immediately to direct supervisor
- The person who not comply with this rule will lead to immediate Dismissal from services





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