

Country Report

JORDAN

Japan International Cooperation Agency (JICA)

Occupational Safety and Health

**Name : Hasan Mousa Almarayeh
Senior Engineer**

**Position : Air Quality Monitoring
Division Head**

**Aqaba Special Economic Zone Authority
(ASEZA)**

Ben Hayyan Laboratories

Jordan





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JORDAN



2.Climate

The Climate of the country can be described as a semi arid-arid. The major characteristic of the climate is the contrast between a relatively rainy season from November to April and very dry weather for the rest of the year with hot, dry, uniform summers and cool, variable winters during which practically all of the precipitation occurs, the country has a Mediterranean-style climate.

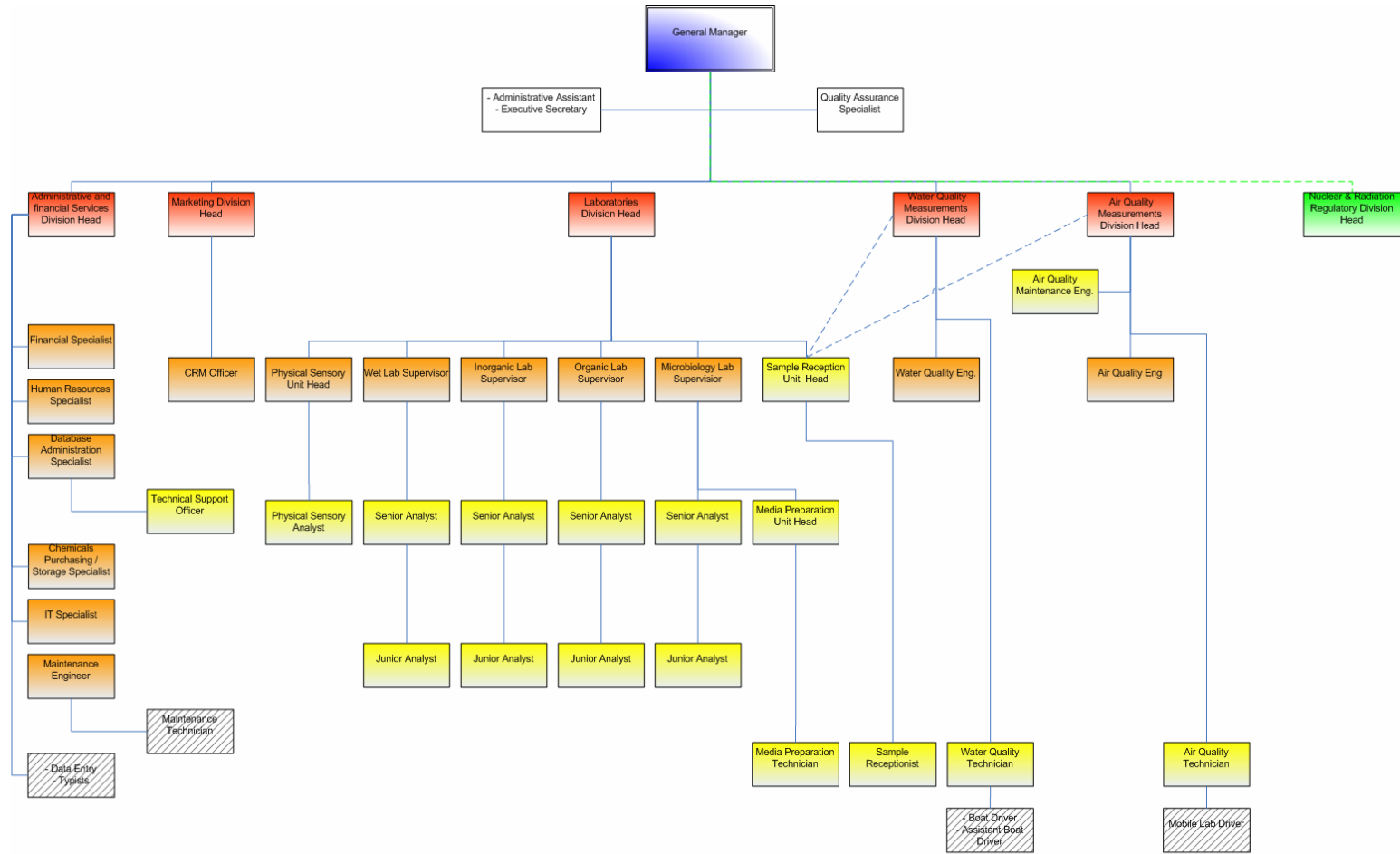
3. People, Culture, and Language

The number of population is around 8 millions. However, we expect increased number of population growth due to in-political stability in the neighboring countries. The culture can be described as a modern Arabian and the language is Arabic.

4. Main Commercial Activities

The main activities in Jordan can be summarized as Phosphate and Potash industry; Tourism; Textile; Pharmaceutical industries; Cosmetics; IT and communication.

Organization Chart



The following job titles equivalent to the old :-

- 1) Quality Assurance Officer = Quality Assurance Specialist
- 2) analyst = Senior Analyst
- 3) technician = Junior Analyst
- 4) environmental analysis and monitoring division head = Water Quality Measurements Division Head

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Air Quality Division

Duties:

- **Ambient Air Quality Assessment of Aqaba City**
- **Measurement of emissions from stack of plants in the industrial area**
- **Work Environment Measurements (pollutant ,noise and light)**
- **Doing consolations for costumers about analytical results compliance with OSH standards.**
- **Performing the EIA for the projects (pre, during, post) regarding air quality and noise.**
- **Cooperate with civil defense if any danger about pollutant or toxic gases leakage .**
- **Through internal committee check all safety and health procedure at Ben Hayyan lab.**



Air quality division role in OSH

- Air quality division responsible for ambient air quality at Aqaba city to ensure all pollutant within Jordanian standard limits .
- Periodic check for industrial stack emissions .
- Carried out program for work environment monitoring which related to pollutant ,noise and light.
- Participate with an internal and external committees responsible for applying and monitoring of OSH system.
- Cooperate with civil defense in case of emergencies or leakage of gases at Aqaba city.
- Case study :
 - a. Ammonia gas leakage at industrial area .
 - b. H₂S gas leakage at Aqaba city .



OSH in Jordan

Awareness of the implementation of Occupational Health and Safety (OSH) in Jordan is still considered low.

Jordan is one of the countries with the high accident rates as other third countries.

The number and cost of occupational accidents in Jordan have been increasing in recent years.

The rising number of accidents reflect poor OSH awareness from the industry sectors and low of OSH supervision by government.



Safety and Health related Laws and Regulations

- Jordan has comprehensive OSH laws and regulations designed to protect worker safety. Beside the main labor law, we have three regulations regarding the OSH:
 1. concern about OSH committees (1998)
 2. about preventive and medical care for workers (1998)
 3. last one concerning the workplaces

Incidence

Column 1	2010	2011	2012	2013	2014
Number of Insured Employees	828,672	897,588	934,109	987,607	1,107,895
Fatal Accidents	100	91	100	113	143
Fatality rate per 100000 Employees	12.1	10.1	10.1	11.4	12.9
Total claims (accidents)	16,627	15,433	15,526	14,538	15,395
Accidents rate per 100000 Employees	2006.5	1719.4	1662.2	1472.0	1389.96
Rejected claims - Not occupational injury	1,738	1,332	927	668	835
Rejected claims - Incomplete report	1,615	1,785	2,187	2,374	1,823
Total rejected cases	3,353	3,117	3,114	3,042	2,658
Percent rejected	20.2%	20.2%	20.1%	20.1%	17.3%

Challenges

- **lack of awareness and knowledge of the implementation of Occupational Health and Safety.**
- **Lack of OSH Supervision or Inspection from Government and from business owner.**
- **Many establishments especially SME do not comply to existing OSH regulations and considered as a cost and time burden.**



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Air, water, and food analysis services
to Aqaba, Jordan and the region





THANK YOU

