



Innovation in Transition to Green Ports

**Red Sea Ports Authority
(RSPA)
Ministry of Transport**



Red Sea Ports Authority (RSPA)

Vision

To shape maritime trade across the region we operate while focusing on sustainability (profit, people and planet)

Mission

Gifted premium location and talented resources enable RSPA providing trade partners with the world-class maritime services across red sea relying on the evolving logistical and technological advancement which maximize state assets utilization to leverage national economic growth. Our belief in sustainability is the compass toward maintaining targeted strategic directions.



Our Seaports



RSPA Certifications



Bureau Veritas Certification

No. of the certificate	No. of sites	No. of sites
ISO 9001:2015	ISO 9001:2015	ISO 9001:2015
ISO 14001:2015	ISO 14001:2015	ISO 14001:2015
ISO 45001:2018	ISO 45001:2018	ISO 45001:2018

Red Sea Ports Authority

ISO 9001:2015

Scope of certification

No. of the certificate	No. of sites	No. of sites
ISO 9001:2015	ISO 9001:2015	ISO 9001:2015
ISO 14001:2015	ISO 14001:2015	ISO 14001:2015
ISO 45001:2018	ISO 45001:2018	ISO 45001:2018

Certificate No.: E088267 Version: 1 Issue date: 19-11-2022

Red Sea Ports Authority

Casa # 01, Portoukh, Suez, SUEZ, Egypt

This is a multi-site certificate, additional sites are listed on the next page(s).
Bureau Veritas Certification Holding S.A.S. - UK Branch certifies that the Management System of the above organization has been audited and found to be in accordance with the requirements of the management system standards detailed below.

ISO 9001:2015

Scope of certification

MARINE PORTS MANAGEMENTS AND RELATED SERVICES AS CONTROL OF SHIPLOADS AND PASSENGERS MOVEMENTS.

Original Cycle Start Date: 30-09-2014
Expiry Date of Previous Cycle: 29-09-2019
Certification / Recertification Audit Date: 09-10-2022
Certification / Recertification cycle start date: 19-11-2022
Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on: 29-09-2025

Certificate No.: E088267 Version: 1 Issue date: 19-11-2022

Red Sea Ports Authority

Casa # 01, Portoukh, Suez, SUEZ, Egypt

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ISO 14001:2015

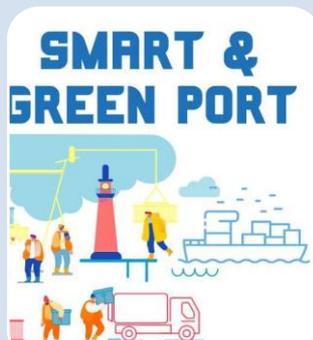
Scope of certification

MARINE PORTS MANAGEMENTS AND RELATED SERVICES AS CONTROL OF SHIPLOADS AND PASSENGERS MOVEMENTS.

Original Cycle Start Date: 02-04-2009
Expiry Date of Previous Cycle: 29-09-2019
Certification / Recertification Audit Date: 09-10-2022
Certification / Recertification cycle start date: 19-11-2022
Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on: 29-09-2024

Certificate No.: E088268 Version: 1 Issue date: 19-11-2022

RSPA begun implementing a methodology for transforming into **Green**



Alternative Energy Sources

Pollution Management

Smart Port Transition

Alternative Fuels

Waste Management



Energy Efficiency

Air Quality Water Quality

Digitalization Management

OPS Green Hydrogen

Waste Management (Solid, Liquid and water)



Air / Water Quality

- **Self-monitoring air quality devices:**

Humidity
and
temperature
meter



Light and noise
digital device



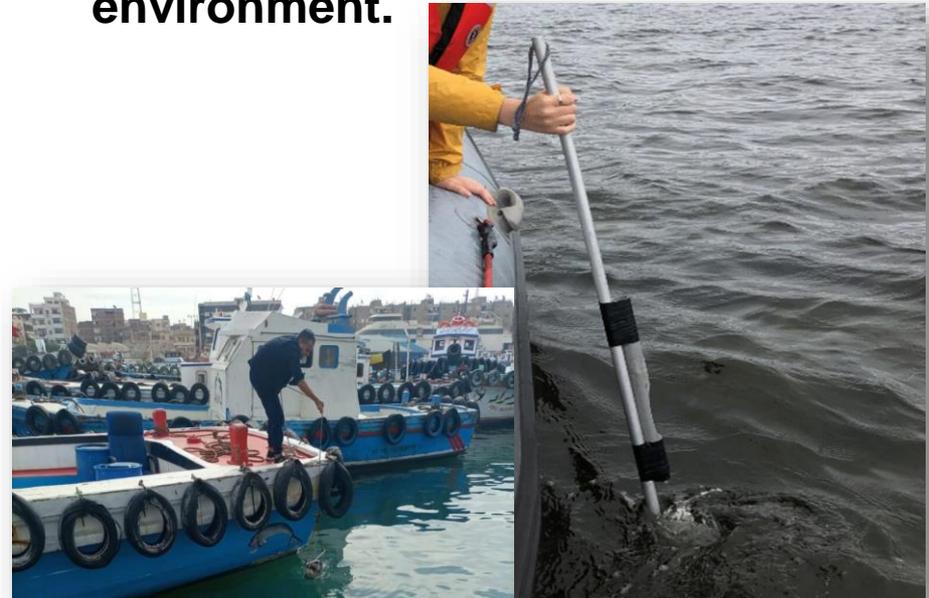
Digital device
for measuring
gas
concentrations



Digital device for
measuring
particulate matter
and inhalable
particles in the air



- **Monitoring the quality of water and sediments at RSPA ports twice annually .**
- **RSPA requires all ships not to discharge ballast water until after leaving the territorial waters, in accordance with the MARPOL Convention, in order to protect reserves and the marine environment.**



Increasing Afforestation and Green Areas



Waste Management Water/Solid-Liquid



Providing reception facilities for all types of wastes received from ships



Oil Spill Prevention

- Booms (2250 m)
- 2 skimmer boats
- Absorbent sheets
- 4 mini skimmers
- Trash Collectors Boats



Energy Efficiency

- Supply and installation of 3 solar power stations with a capacity of 4 MW/day at Safaga Port
- Improving low sulfur fuel at ports to reduce emissions
- Planning to establish green hydrogen & Ammonia production project at Ras Shuqair Port.



OPS

- Implementation of ship electricity supply (OPS) at the Authority's ports with a capacity of 380 volts/50 Hz



Thanks

Q & A



**Submitted /Ossama Saleh
Naval Rear Admiral Staff Officer**