



09/ 09/ 2024
Tripoli- LIBYA

**TECHNICAL
SYMPOSIUM**
**ON NORM MANAGEMENT
IN THE OIL AND GAS INDUSTRY**

Petroleum Research Centre (PRC)

- 📍 Gargarish Road, 7km
- ✉ P.O. Box 6431, Tripoli - Libya
- ☎ Tel: +218 21 486 00 22
- 📠 Fax: +218 21 483 00 31
- 📧 info@prclibya.com

www.prclibya.com

Organized by



Petroleum Research Centre

Sponsored by





Naturally occurring radioactive material (NORM) is a waste product of oil production, and its presence in pipelines, plants, and machinery may restrict operability and cause potential radiological health hazards. NORM may accumulate in the form of sludge, scale, scrapings, and other waste media at various locations along the oil and gas production process.

PRC is implementing a comprehensive study to address all aspects of NORM management with the aim of enhancing NORM monitoring; control of NORM-contaminated equipment; control of NORM waste handling and disposal; in addition to protection, awareness, and training of workers.

Topics of discussion:

- The geological and operational causes that promote the NORM in oil and gas production facilities including produced water, scales, and sludge.
- International experiences on the permanent disposal options of NORM materials that provide adequate protection for environment and human health considering the comparable timescales of these materials.
- Management of contaminated process streams, equipment, and waste with NORM residue in oil and gas production facilities.
- The actual environmental and health impacts of the NORM.
- The appropriate controls against the uncontrolled exposure during work activities that pose environmental and health risks.



Our Mission

Share knowledge, best practice, and experience across the oil and gas industry as key of establishing common procedure throughout the Libyan oil and gas industry, Shed more light with a specialized view of other countries' experience in the development of a NORM management strategy.

Who Should Attend

Professionals involved in:

- Health, Safety & Environment
- Production & Process Engineers
- Maintenance & Cleaning Workers
- Reservoir Management