



Egyptian Process Safety Management Steering Committee

Progress Update Report (June 2021)

Introduction:

The Egyptian PSM Steering Committee is committed to working towards embedding the PSM culture within the Egyptian oil, gas, and petrochemicals sector. The Committee has been driving a robust agenda and roadmap aimed at institutionalizing PSM within the industry in accordance with the Ministry of Petroleum and Mineral Resources' (MOP) modernization program and international best practices, guidelines, and standards.

Progress Update:

This report provides an update to personnel in the oil, gas, and petrochemicals sector against the PSM Steering Committee MOU commitments as well as any additional actions raised during the Egyptian PSM Steering Committee or the Technical Sub-Committee meetings.

Since the last update, the PSM Steering Committee has been progressing the following activities to meet the three-year roadmap plan as follows:

- The PSM Technical Sub-Committee is established and led by Eng. Amr Moawad (Methanex PSM Consultant) who has more than 25 years of PSM industry experience across the world. The committee members are comprised of nine Capacity Building personnel executing the MOU roadmap by developing the MOP's policies, standards, and procedures, to be rolled out and implemented across the sector, and completing the sector companies' maturity survey.
- The Egyptian PSM Steering Committee roadmap was established to guide the committee and clearly sets the key milestones for the PSM program within the MOP.





- The PSM Steering Committee is progressing well against the MOU roadmap milestones as follows:
 - PSM webinar held in February 2021 with H.E. Minister of Petroleum and Mineral Resources opening the event and hosting an outstanding attendance of 579 attendees.
 - PSM Website launched in dual language (Arabic and English) and actively used by 5.9k visitors so far.
 - Industry document delivery is ongoing in 2021 and 2022 as per schedule.
 - Sector company maturity survey planned to take place online during the second half of 2021 to determine each company's readiness to implement the PSM and Safety Case programs.
- Sector Companies PSM Maturity Survey: The survey is made up of a simple PSM Basic Requirements Checklist. Once completed for all sector companies, it will allow the PSM Steering Committee to categorize sector companies' PSM maturity level to define their PSM scope of work over the coming three-year period to implement the PSM and Safety Case programs.
- MOP PSM Policies, Standards, and Procedures: The PSM program is based on both the USA Center for Chemical Process Safety (CCPS) and the UK Hazard Management (Safety Case) guidelines. Several documents are currently being developed supporting the sector companies to implement the program requirements:
 - The Technical Sub Committee developed the following documents:
 - Process safety studies in oil & gas and petrochemical projects guideline
 - Major Accident Hazard (MAH) management guideline
 - Risk Management Standard

There are 14 documents planned to be issued during 2021.

The documents are issued following a thorough review process by national and international PSM experts to ensure that the most up to date practices are made available to the Egyptian oil, gas, and petrochemicals industry.

Each document will be supported by a rollout slide pack (developed and delivered by the PSM Technical Sub-Committee members) allowing sector companies to apply and implement the document intent as part of each company's activities.

All developed documents and supporting rollout slides will be posted on the PSM website (www.PSMEgypt.com).

- The PSM Technical Sub-Committee will be developing sector companies' Key Performance Indicators (KPIs) during the second half of 2021. This will allow sector companies' Management to measure their own PSM performance and communicate it with the MOP.



EGYPTIAN NATURAL GAS
HOLDING COMPANY

