SHE&S Management for the BARZAN Onshore Project

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Abstract

The Barzan Project is being developed by Barzan Gas Company Limited, a joint venture between Qatar Petroleum and ExxonMobil Barzan Limited, with RasGas Company Limited (RasGas) assigned to develop and operate the facilities upon completion. The objective of the Barzan Project is the economic development of a high quality, reliable, and fully integrated sales gas facility to supply gas to the domestic market to complement the current and future infrastructural developments in Qatar, mainly in anticipation of the increased energy demands. The Barzan Onshore plant is located in Ras Laffan Industrial City (RLC), which is some 70 kilometers north of Doha, in the State of Qatar.

This paper presents a macro overview of the project’s Safety, Health, Environment, and Security (SHE&S) Management System; highlights aspects of several of the system’s key elements; and demonstrates the importance of safe work planning and execution for Construction and Pre-Mechanical Completion (PMC) activities, prior to Commissioning and Start-Up of operations. This transition phase also requires managing Simultaneous Operations (SIMOPS) as activities of different hazard and risk profiles are encountered.

This paper discusses several key programs within the SHE&S Management System. It illustrates how comprehensive contractual SHE&S requirements can translate to positive results for effective project management. Programs such as observations reporting, sub-contractor readiness reviews, and risk management are discussed to help demonstrate how they have collectively contributed to keeping workers safe every day on the Barzan Onshore Project.