

L&T Press Release

Issued by Corporate Brand Management & Communications

L&T House, 2nd Floor,
Ballard Estate, Mumbai 400 001
Tel: 91 22 6752 5656 / 836
CIN: U74999MH1961PLC012188

L&T Valves Supplies HIPPS to Dirok Gas Field Development Project

Mumbai, September 6, 2016: L&T Valves supplied India's first indigenously-developed HIPPS (High Integrity Pressure Protection System) to Dirok Gas Field Development Project in Assam, India. The project is promoted by a consortium of Hindustan Oil Exploration Company (HOEC), Oil India Limited (OIL), and Indian Oil Corporation Limited (IOCL).

HIPPS is a safety instrumented system (SIS) designed to protect oil & gas production, refining and pipeline systems against over-pressurization. Conventionally, spikes in pressure are managed by venting or flaring excess fluids. HIPPS is a smarter alternative that detects and isolates the source of high pressure within seconds. By avoiding discharge, HIPPS averts potential harm to people, facilities, and the environment.

The SIL-3 capable HIPPS, supplied to Dirok Gas Gathering Station (GGS), has at its core two 12" Class 1500 fire-safe hydraulically-actuated metal-seated ball valves with 1oo2 voting logic. A solid-state logic solver, explosion-proof pressure transmitters (2oo3), high integrity manifolds and control panels complete the HIPPS assembly. Redundancy is built in at multiple levels to enhance availability and reliability. Further, partial stroke testing (PST) capability of the system provides real time diagnostics.

HIPPS leverages the company's expertise in system design and integration. "HIPPS is a major achievement that reinforces our position as a global leader in engineered flow-control solutions," said, Mr. N.V. Venkatasubramanian, CE & Director, L&T Valves.

Background:

L&T Valves is a wholly owned subsidiary of Larsen & Toubro. The company has a heritage of excellence that spans five decades, and is a leader in engineered valves for the global energy sector

Larsen & Toubro is an Indian multinational engaged in technology, engineering, construction, manufacturing and financial services with USD 16 billion in revenue. It operates in over 30 countries worldwide. A strong, customer-focused approach and the constant quest for top-class quality have enabled L&T to attain and sustain leadership in its major lines of business for over seven decades.