

CASE STUDY

Inpex Itchys Onshore LNG plant Hima SIS commissioning

OUR CLIENT:	Inpex
INDUSTRY:	Oil and Gas
VALUE:	US\$40 Billion
OVERVIEW:	<p>INPEX Australia discovered the giant Ichthys gas and condensate field in the Browse Basin in 2000. Located about 220 kilometres offshore Western Australia, Ichthys represents the largest discovery of hydrocarbon liquids in Australia in 50 years. Gas and condensate from the Ichthys Field will be exported to onshore facilities for processing near Darwin via an 890 kilometre pipeline.</p> <p>The onshore processing facilities at Bladin Point near Darwin will cool the gas delivered via the pipeline and then transform it into liquid to reduce its volume for transport. Purpose built state-of-the-art onshore facilities will include two LNG trains, LPG and condensate plants, product storage tanks, administration facilities, utilities and a materials off-loading facility and jetty.</p> <p>The Onshore processing facilities use an extensive Hima Himax Safety Instrumented System (SIS) to safeguard the plant.</p>
ENGINEERING:	ECL TÜV certified functional safety engineers were called upon to assist in the commissioning of the Onshore processing facilities Hima SIS.

- Commissioning of the Safety Instrumented System was completed on time, within budget, with no lost time incidents.
- The LNG plant is now in production, producing, storing and offloading LNG.

