



PearlStreet

OIL & GAS/PETROCHEMICAL CASE STUDY

ESSO - BASS STRAIT OFFSHORE & ONSHORE FACILITIES

SERVICES: NDT, Inspection, Engineering & Materials Consulting

CONTRACT: Non Destructive Testing, Inspection and Engineering Services for the Longford, Bass Strait, Long Island Point and Barry Beach Oil and Gas Production Facilities

CUSTOMER: ESSO Australia

CUSTOMER OVERVIEW

ESSO operates and maintains complex assets vital to the oil and gas supply for Victoria, Australia. ESSO assets include 21 offshore production platforms, a gas processing and crude oil stabilisation plant and a final stage processing plant.

CUSTOMER CHALLENGE

To ensure these assets continue to operate in an efficient, reliable and safe manner so that oil and gas suppliers are not interrupted. To meet this challenge, ESSO relies on specialist technical resource.

OUR ROLE

PearlStreet has been supplying a multidiscipline team of technicians and engineers to provide Non Destructive Testing (NDT), Inspection and Engineering Services to ESSO for over 30 years, ensuring the safe and efficient operation and management of ESSO's production assets. Critical plant serviced by PearlStreet personnel includes 100s of kilometers of high pressure piping, pressure vessels, specialised processing plant and storage tanks. The team is responsible for testing and reporting the condition of designated critical asset components within the ESSO Asset Management System.

FEATURES

- Work is completed according to the inspecting timetable ascribed to each component so that corrective action can be completed in a planned manner
- Work is completed according to a contract that employs KPIs to measure PearlStreet's performance

BENEFITS

- No requirement to deploy resources internally – PearlStreet meets ESSO's day to day requirements on a 24 hour per day 7 days per week basis
- Independent assurance on the current condition of each production asset.
- Planned maintenance based on the known condition of the assets drives the operation, maximising the operation life of each component
- Access to PearlStreet's corporate knowledge and use of the latest testing and inspection technologies