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## Replacement of 2 Combustion Exhaust Systems

### Maersk Oil & Gas Tyra West Platform – Norwegian Sector, North Sea

Cullum Detuners were contracted by Maersk Oil & Gas North Sea to design, manufacture and install two exhaust stacks to suit their GE LM2500 units on the Tyra West Platform E in the Norwegian Sector of the North Sea.

Cullum's design was selected due to the internally lined sections allowed for thermal growth to occur whilst maintaining a relatively cool outer case touch temperature (approximately 60°C). This gave the benefit of not only personnel protection from hot surfaces but also structural integrity as the supports were not exposed to high temperatures.

In brief the Cullum scope included:

- **Bespoke design of 2 off GE LM2500 Combustion Exhaust Systems**
- **Manufacture of Exhaust components**
- **Supply of Expansion Joints and associated Seals**
- **Delivery to supply base**
- **Supply and Installation of fire proof seals between exhaust and platform decks at various levels**
- **Organising planned component delivery schedule to offshore installation**
- **Working in partnership with clients engineering team**
- **Complete Project Management of design through to installation**