

Alarm Management & Improvement Campaign



CLIENT: CONFIDENTIAL

PROJECT: Alarm Management & Improvement Campaign

BACKGROUND

Core has completed a 12-month project to improve the performance of the alarm system on a large North Sea production complex on behalf of a global energy company.

Our client requested that Core manage the alarm improvement campaign to address issues following asset commissioning. The high alarm rate, number of standing alarms, and suppressed alarms were of key concern.

CORE'S APPROACH

After building an alarm management team comprising Offshore Technicians and Engineers, Core implemented a process of daily, weekly and monthly alarm reviews designed to improve the performance of the system and embed a positive culture within the offshore teams.

THE PROJECT RESULTS

- 75% reduction in average alarm rate from 8.5 / 10 mins to <2 / 10 mins per operator
- 85% reduction in number of standing alarms from 4427 to 550
- 90% reduction in number of suppressed alarms from 789 to 55
- Alarm shelving introduced on the asset and processes for management of alarm suppression created
- Full segregation of operational alarms and maintenance related device alerts
- Performance improvements mean daily reviews are no longer required. Management of weekly and monthly alarm reviews handed over to site personnel and embedded in asset procedures

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