



Services Case studies

Winning behaviours to maximise client ROI+

Delivering a new level of Safety & Performance


Salos Sunesis
People Performing Better

Auditing

Case study – High reliability culture

Client: Borr drilling

Location: Mexico

Work scope Description: Performance optimisation & Leadership development

The client has a fleet of rigs working in Mexican waters. The rigs are great performers in the top quartile of global micro KPIs for well construction. The client's aspiration is to be best in class for the KPIs (by building a High reliability culture).

It was decided to take a non-traditional approach & match performance optimisation techniques with leadership development – at the rigsite. At the same time, a leadership development program was delivered with the management team in town, up to VP level.

At the rig, audits & site visits were performed, up to five per day. Twelve elements were put under scrutiny to identify any negative Performance Influencing Factors (PIFs) during operations. Whether an audit is positive or one or more negative PIFs is found, lessons or ideas for improvement are created for better operational delivery or safer task execution. Three key elements that saw improvements across the rigs were: Communication, Safety leadership & Risk identification.

One of the wells on the project was <40% of the average well construction time.



Case Study – Risk assessment MPD Ops.

Client: PTTEP Malaysia

Location: Office based teams – Virtual MS Teams

Work scope Description: Risk assessment of MPD operations

PTTEP were about to embark on a project that would utilise the Managed Pressure Drill process during well construction. It was decided to hold a dedicated session solely for risk assessing the MPD operations.

What made this risk assessment process different was that Human factors mitigations were examined as well as technical mitigations. Since 80% of incidents are related to a Human Performance Influencing Factor, the operator took the opportunity to pinpoint Human factors' mitigations.

A dedicated facilitator drives the discussion – this person isn't the scribe. The client's formal risk assessing process is used, but an additional process is used in tandem where the facilitator leads the group to identify: deviations, guidewords & relative causes, consequence & effects, controls, reasoning & actions. Additional controls & accountabilities are also assigned.

The dedicated facilitator was/is required because teams have a tendency to default to technical solutions and/or occupational health fixes for the mitigations. Following the process was very important to delivering the robust assessment for this complex project.

