



# Bringing the Practical Touch to Business Improvement

## Rig Accommodation Refurbishment

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## Success Story

### 1. Why are we doing it?

The Clients oil rig operational activities requires more resources, people on board (POB), current accommodation facilities do not have the capacity for the increase in headcount.

Accommodation on the clients asset is over 3 levels and consists of 64 beds, there is now a permanent requirement for 84 beds.



## 2. What was happening before?

The initial refurbishment plan for the 20 beds was scheduled for a duration of 132 days and had a fixed completion date, there was no contingency or float in the plan.

To address this a cross functional team, engineering, offshore personnel & contractors engaged in the refurbishment, were pulled together to undertake a Pull Planning Kaizen.(3-5 day Event)

The team addressed the various constraints including the requirement to continue operating whilst the refurbishment was being undertaken.

## 3. How is it now?

The Kaizen team delivered an accurate and achievable plan of 101 days which included contingency.

Detailed Action plan created which reduced waste through less crew changes, efficient movement of tools and materials.

The plan also included crew change days and additional time required for general electrical & isolation works, which were missing from the original plan.

## 4. What have we achieved?

- Schedule risks were identified, assessed & mitigated where possible
- Execution risks reduced through following the detailed action plan
- Project progress control mechanisms were put in place

## 5. What benefits have we realised?

- Aligned the project and offshore team
- Increased execution team buy in & accountability, they created the plan
- Improved safety



## 6. What was the value of the deliverables?

- Construction works duration was reduced by 31 days a 25% improvement
- Refurbishment resources demobilised 4 weeks early & demand on platform personnel removed 4 weeks early
- 4 weeks less energy usage
- Asset continued to produce