

ROWAN VIKING

MSD Design Ltd were contracted to design, manufacture and install heat shielding on the new Rowan Viking Rig.

Rig programme was extraordinarily tight with the unit arriving on the Firth of Tay just after New Years Day 2011.

MSD Design Ltd safely and successfully installed the complete heat shielding package on schedule and on budget by the end of March. Areas which were clad included the entire derrick as well as a couple of the crane rooster tails and an exposed lifeboat.

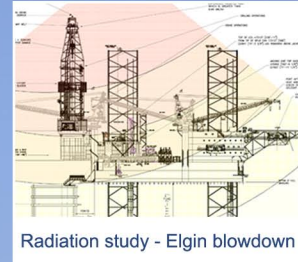
MSD Design Ltd are proud of their safety record during both manufacture and installation and indeed all tasks, including a tandem quayside crane lift for the 34 tonne crown block structure, were completed without incident.



Starboard Lifeboat Shield



Crown block heatshield structure weighing 34 tonnes during installation tandem crane lift



Radiation study - Elgin blowdown



3 Dimensional Design



GRP Stairs complete with galvanised steel support



Test build of stair assembly

Lightweight Crane Cab Personnel Access Stairs

Client was replacing their existing static crane cabs with new Norsok Standard fully rotating cabs and required a lightweight personnel access solution which did not inhibit the cab rotation.

MSD Design Ltd designed and manufactured stair and landing arrangements in lightweight GRP, manufactured five sets and fitted those assemblies to the crane cabs whilst the rig has docked in Dundee.

The stairs were supplied complete with galvanised handrails and all assemblies conformed to the Norsok Standard.

The modular design ensured that site works were carried out safely and efficiently.



Flare Boom support King Posts

Flare Boom King Posts

Flare Boom King Posts were designed, manufacture and installed by MSD Design Ltd on both Port and Starboard sides of the jack up whilst the rig was docked in Dundee.

Hose Loading Station

A Personnel Habitat was required on the platform which ensured that the rig crew were protected whilst hose loading operations were carried out.

The design was completed after survey and the unit manufactured in the MSD Design Ltd's fabrication facility in Tullos and was subsequently safely installed by our team offshore.



Personnel protection of hose loading system