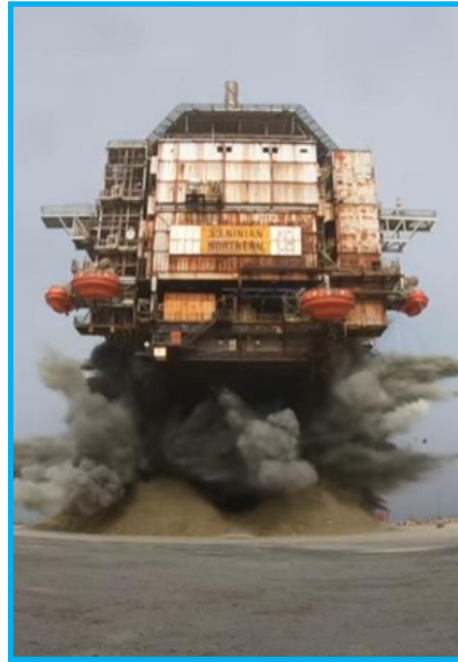


Demolition of redundant rig onshore to minimize work from height

The Problem

We received a 14,200tn redundant production platform onshore on the Shetland Islands standing at over 100m at its highest point and 30m from the ground to first level. We had to remove the asbestos, drain down all known liquids and highlight where NORM contamination was situated/could be situated and then dismantle in the safest way possible with zero harm and zero environmental incidents.



The Risk

Multiple cases of work at height to dismantle a 14,200tn platform putting teams of Operatives at risk every day. Time delays due to ever changing weather on the Shetland Island, sometimes unpredictable.

The Solution

Invite a Structural Engineer to site to design the safest way to use explosives and bring the platform down to the ground safely. Use 200kg explosives to cut through the legs and other elements of the structural steel to bring it down to ground level where excavators can piecemeal it and process for off-site disposal.

See video Link - <https://www.youtube.com/watch?v=29tNV5nBR4I>

Key Points:-

1. Minimise the work at height by only having to put Operatives on the rig for a shorter period of time for asbestos removal, drain down and prep work for the explosives to be inserted.
2. Excavators can work in more hazardous weather conditions than cranes and MEWPS.
3. Nobody needs to re-enter the rig as all works can be carried out remotely.

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DBP00295