



DECOMMISSIONING CASE STUDY

UMBILICAL REEL RECYCLING

John Lawrie Group is the largest metal recycler and exporter of processed metal in North and North-East Scotland and an experienced member of the decommissioning supply chain. With current strategically located licensed facilities in Aberdeen, Shetland, Evanton and Montrose, and the addition of our new quayside facility in Dundee opening in 2020 bringing our combined annual licensed tonnage to 360,000 tonnes, John Lawrie Decom is your decommissioning partner of choice.

Highlights

Client:	BP
Field:	Peterhead
Port:	Peterhead Port
Project:	Umbilical product & reel recycling
Tonnage:	Approx 100Te
Recycling Rate:	100%

100%
RECYCLING
RATE

Project Summary

John Lawrie was contracted to recycle a large metal reel and the umbilical product spooled upon it after both had reached the end of their operational lives. Deemed unsafe to lift for transportation, the reel was dismantled onsite at Peterhead Port under a temporary licence obtained from SEPA by John Lawrie.

The umbilical product was flushed and purged, with the collected liquids safely disposed of. As a contingency, a spill kit was placed around the reel ahead of flushing to safely capture any fluids in the event of a spill. Drains in close proximity to where operations were conducted were also isolated and sealed.

The umbilical was spooled from the reel and cut by means of a cold cutting shear into transportable lengths directly into containers. These were then transported by road and processed at John Lawrie's licensed waste treatment facility in Aberdeen, where the plastic and metallic materials were separated and subsequently recycled.

Following removal of the umbilical, the large diameter reel was reduced in size using a cleaver shear attached to a material handler and the cut sections transported to Aberdeen for further processing to ESSS standard, before being exported to European steel mills for recycling into new steel products, delivering significant environmental benefits.

OUR DECOMMISSIONING CAPABILITIES:



**Onshore
decommissioning
service**



**Piece small to
medium items**



**Access to quayside
dismantling facilities**



**Size reduction service
at quayside**



**Excellent track
record**



**Reuse & recycling
specialists**



**Recycling subsea
infrastructure**



**Licensed waste
treatment facilities
throughout Scotland**



**Skilled & mobile
workforce**



**In-house HSEQ
support service**



**Documented safety
management system
OHSAS 18001:2007**



**Accredited ISO 14001
& 9001 management
systems**

Provision of specialist trucks, lifting and cutting equipment and a fully mobile, well-trained workforce as well as a highly innovative approach to project management and logistics means decisions are made quickly and jobs expedited efficiently. Our in-house HSE function includes method statements/risk assessments, training & competences.

We have a long established and experienced hands-on management team in place and a proven track record in managing, handling and processing a large number of decommissioning projects.

