

Internal Abrasive Water Jet Cutting Tool

Client	James Fisher Decommissioning
Completed	2022
Facility	JFD's National Hyperbaric Centre
Equipment	Dive Tank

KEY FEATURES

- Test completed on location safely and efficiently
- 900,000 Litre steel tank, yard, and office facilities at JFD's National Hyperbaric Centre (NHC) in Aberdeen, UK
- Controlled environment
- Client witnessed in real time how the tool works and the end results of cutting technology



THE CHALLENGE

James Fisher Decommissioning (JF Decom) needed to be able to test and demonstrate their innovative internal abrasive water jet cutting tool in a controlled and safe water environment.



THE SOLUTION

In advance of test, JFD technicians drained the test tank and installed underwater cameras in the tank enabling JF Decom to film the tool cutting pipe underwater.

JFD set up their boardroom, overlooking the test tank for JF Decom and clients to use during the trial. A live feed from the underwater cameras was displayed on the screen in the boardroom.

A crane was hired to support the lifting of the tool and equipment in and out of the tank during the live test, and the dummy run.

JF Decom used the yard beside the tank for their equipment supporting the test, but also as a lay down area for the cut pipe to demonstrate the effectiveness of the tool.

