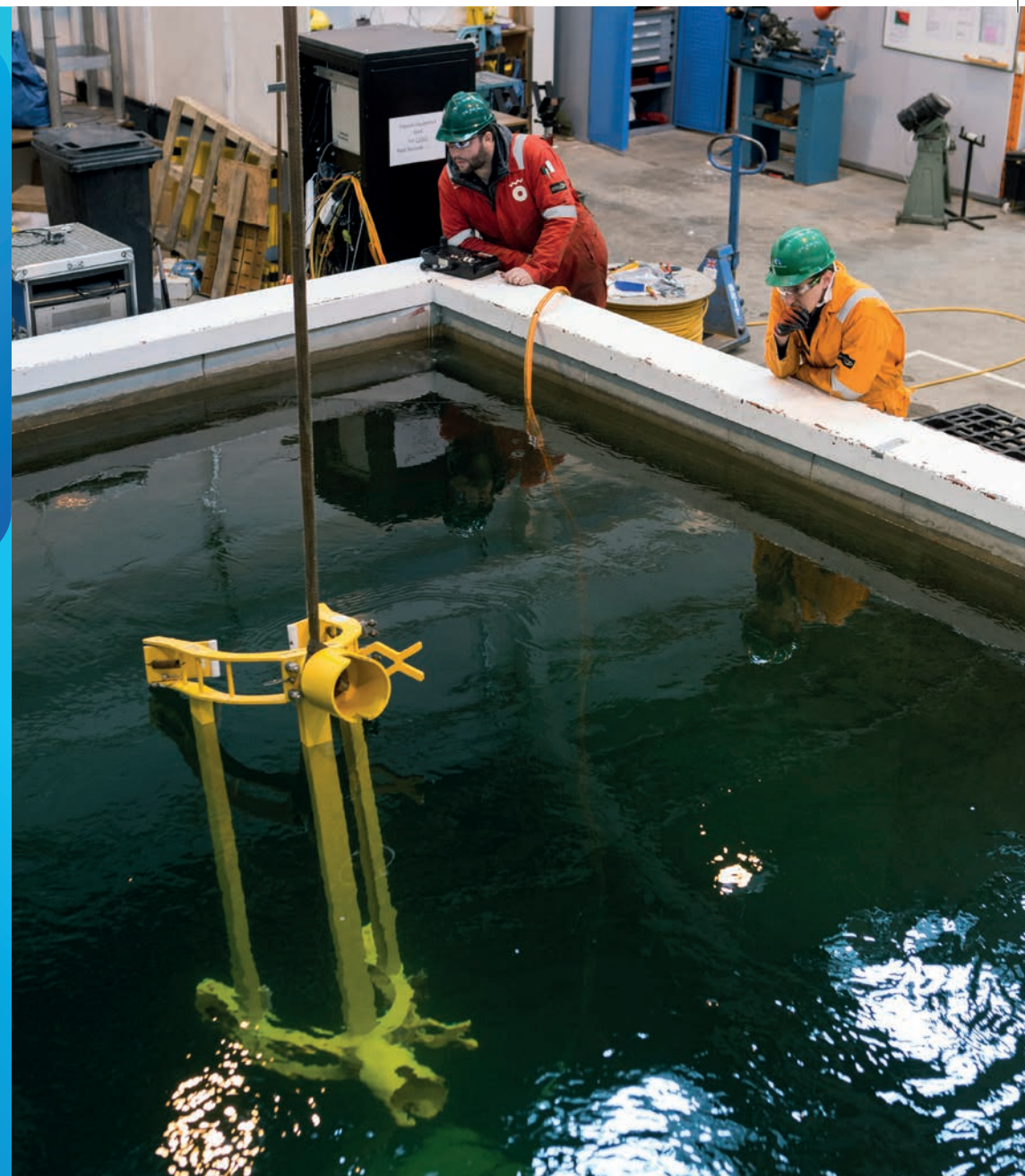


For impartial advice or to receive a quote, call or email our technical manager, Neil Gregge.

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Testing Services

The National Decommissioning Centre (NDC) Technical Services Unit has over 20 years of experience of providing specialist testing services for subsea engineering and offshore decommissioning equipment.

At the NDC we offer independent testing and verification to the offshore industry in our purpose built test facility located in Newburgh, Aberdeenshire. Serving both UK and international clients we provide a comprehensive range of testing equipment and bespoke services to quickly and accurately assess the reliability of components and assemblies. Our testing equipment is housed in a large, heated hanger space with full HGV access serviced by a 2.5 ton overhead crane.

Testing equipment and services

High pressure hydrostatic testing vessel

Our large volume pressure vessel (1.8m x 0.75m internal) can simulate deep ocean conditions down to the equivalent of 7000m depth. The vessel also has 6 penetrator ports for hydraulic/electronic connection to the test items. Our certified testing service has supported the oil and gas, research and defence sectors.

Vibration testing

Designed for simulating the vibration and shock conditions which automotive, aerospace and subsea equipment may encounter in use or transportation, our table is capable of qualification to a number of industry standards, including ISO 13628 and MIL-STD-810, ensuring confidence in the reliability of products once they reach the field.

Environmental testing

Our large capacity chambers allow temperature testing from -40°C to +180°C, along with controlled humidity. We can prove system reliability for the harshest conditions with our comprehensive software controlled test cycles and temperature soaks.

Indoor immersion tank

The NDC has a substantial indoor fresh water tank capable of accommodating offshore assemblies for testing. The tank has dimensions of 5 x 5 x 5 metres and is an essential proving facility for subsea inspection equipment, ROV's and other subsea test simulations.

Boatyard facilities

Our close proximity to the Ythan Estuary with a boatyard and slipway means we can offer the facilities to assist with research and development of any tidal stream-based systems for (following the necessary regularity consents).

CNC machining service

Our in-house CNC capabilities provide our clients with significant flexibility in product development and part rework jobs, offering quick turnaround. Our CNC machining services including cutting, milling, and turning are capable of tackling most geometries and materials used in today's industrial applications.

Find out more visit:
www.ukndc.com/research/facilities/ndc-facilities/



Courtesy of Decom Engineering



“Decom Engineering hosted a series of cutting demos at the National Decommissioning Centre in Aberdeen, Scotland, where tier 1 operators were able to see first-hand the performance of the firm's chop saws during a range of cuts in the immersion tank on solid Inconel, steel pipe, duplex, FBE coated pipe and flexi-risers.”

Michael O'Neill

Business Development Manager



We work with a range of clients providing a tailored service to match evolving technologies with their specific requirements.

