



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

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**The  
National  
Decommissioning  
Centre**

Innovation through Partnership

1495



**UNIVERSITY OF  
ABERDEEN**

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

At 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 hyperbaric testing vessel

Our high volume, high pressure hyperbaric pressure testing vessel is equipped with an insulated cooling jacket to simulate deep ocean temperatures down to the equivalent of 7000m depth. Our certificated testing service has supplied the oil and defence industry sectors for the past 15 years.

### Vibration Table

Designed for simulating the vibration and shock conditions which automotive, aerospace and subsea equipment may encounter in use, 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 Chamber

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 Tanks

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 subsea power generation (following the necessary regularity consents).

Courtesy of Decom Engineering



What our clients say about us

“Recently, 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 flexirisers.”

*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.

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