

Hydro Bond Engineering Ltd: Optical Testing Services

Fibre optic testing and repair, in-house and on-site services

Hydro Bond Engineering Ltd offers comprehensive in-house and on-site field optical testing services as well as manufacturing of rugged subsea connectivity solutions. Hydro Bond Engineering's Optical Technicians are trained in single- and multimode optical fibre installation, termination and testing to City & Guilds standard.

Hydro Bond Engineering is a Hydro Group Plc company. The Group has over three decades of global experience, supporting oil and gas, renewable energy and defence industry clients throughout every stage of the product lifecycle.

Our optical testing procedures make use of the most advanced equipment:

- Light meter WG-OLS-6 Single-mode at 1310 nm and 1550 nm
- Light meter WG-OLS-5 Multimode at 850 nm and 1300 nm
- Optical power meter WG-OLP-15B for testing at 780 nm, 850 nm, 1300 nm, 1310 nm and 1550 nm
- OTDR EXFO FTB-300 (Multimode)
- OTDR Wavetek TTS 5000 series (Single-mode)
- Laser torch fault locator
- Certified Single-mode 500-metre launch lead
- Single-mode certified test leads
- Multimode certified test leads
- We also carry a full range of optical termination equipment for both Single-mode and Multimode projects.



Your equipment can be sent to our facility in Aberdeen for a fast testing and repair service, or a trained Hydro Bond Engineering technician can be made available at your site anywhere in the world to carry out testing and/or repairs as required.