REGULATOR SERVICING

CAN YOU ENSURE PERFORMANCE AT DEPTH?

The Computerised Surface Test Facility (CSTF) comprising a control module and ANSTI software for Windows™ offers a rapid and effective test capability for demand regulators and breathing apparatus.

YOUR ONSITE TEST SYSTEM

The CSTF is a cost effective EN250:2014 regulator test facility for onsite testing where it matters; in dive centres, service centres, rescue services and commercial dive operations.

Take the guess work out of testing then produce the essential certificate proof of test.

REQUIREMENT

Regulators should be tested at planned intervals to ensure optimum performance. Degeneration can happen due to wear wear, varied use conditions or even prolonged storage. A recent HSE study (RR424 - performance of diving equipment (hse.gov.uk)) found reports that a quarter of diving fatalities reviewed can be attributed to equipment failure and nearly half the regulators examined failed the minimum performance requirements of EN250, or had other faults caused by lack of maintenance and incorrect set-up / mixed components.

OUTPUT

CSTF's intuitive software display guided set-up and fully automated 12 second test cycle guides you through the test steps:

Initial tests:
- Interstage pressure for setting the first stage
- Cracking pressure for setting the second stage

High flow (50m equivalent):
- Inhale breathing resistance
- Interstage pressure drop
- High pressure drop

A hard copy Test Certificate can be generated and printed for the customer and as evidence of results.

BENEFITS

- ✓ Cost effective testing of any EN250 regulator with a simple and fast process
- ✓ Records first stage setting pressure and second stage cracking pressure, accurate to +/- 1.5 mBar
- ✓ Test regulator performance at surface and 50msw equivalent
- ✓ Over Pressure Protection and compliance to IEC 61010-1 Safety Requirements
- ✓ Detect trends in results over time with a database of customer and regulator test records
- ✓ Print test results evidence to increase customer confidence and protect your business reputation

jfdglobal.com

enquiries@jfdglobal.com