
DMaC Quality Policy

Dynamic Marine Component (DMaC) test facility is a purpose built test rig that aims to replicate the forces and motions that components are subjected to in offshore applications.

1. Quality statement

The DMaC management aims to consistently provide a high-quality experimental service that meets or exceeds the clients' requirements by:

- Operating at the greatest achievable *accuracy* of driving parameters (i.e. requested forces and motions), boundary conditions and measurements.
- Ensure *traceability* for critical processes, such as calibration and data analysis.
- Prioritises *safety* of personal and equipment.
- Continual *improvement* of quality thought process and equipment evaluation and enhancement.
- Implementing and maintaining a *quality management* system certified against BS EN ISO 9001.

2. Quality objectives

- Accuracy:
 - Perform preliminary trials to ensure applied parameters are within $\pm 1\%$ of the desired parameters, where possible. If preliminary trials are not possible alter methods should be utilised.
 - Confirm with the client that applied boundary conditions are analogous of desired boundary conditions.
 - Verify that measurement devices are with $\pm 1\%$ of a benchmark measurement.
- Traceability:
 - Check that each level two process is completed and documented before move to the next process.
- Safety:
 - Ensure H&S best practice and code of conduct are always implemented, such as risk assessments (and method statements if required), manual handling, LOLER regulations 1998 and lone working.
 - Follow sample handling and shipping processes for all test samples.
- Improvement:
 - Follow core business process to provide feedback on performance and enhance quality where necessary.
- Quality manual:
 - Perform internal annual audits of the management system manual.

Signed: Prof Philipp Thies

Senior Management **Date: 19/03/2025**