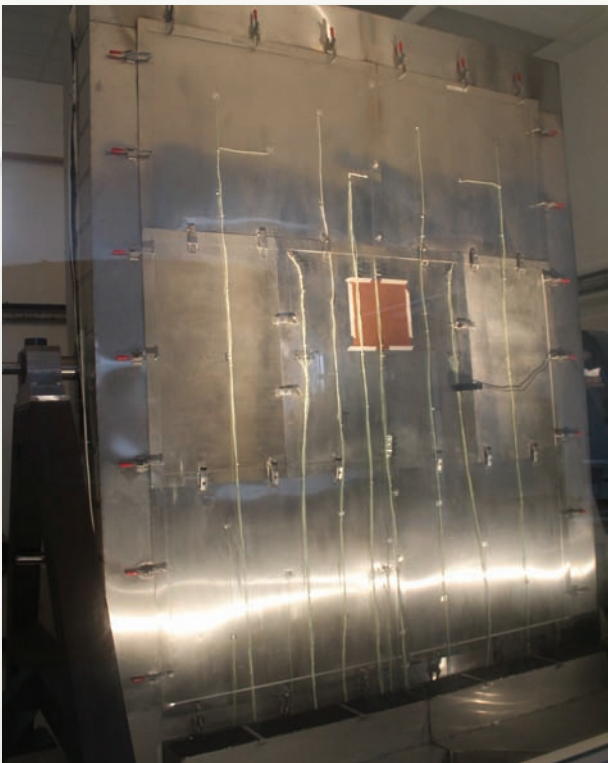


Nuclear Testing Capabilities

Darchem Thermal Protection are continually innovating its products to meet the varying Technical demands of the Latest Generation of nuclear new builds. Corporate investment has created a state of the art Nuclear Insulation test facility with full scale representations of Primary Circuit Equipment, Pipeline and Components for Insulation Thermal performance testing.

This has placed Darchem Thermal Protection at the forefront of Insulation type and system design evaluations for the Generation III+, AP1000 and EPR insulation supplies.



Thermal testing can be carried out on our new 2.38m wide by 3m high vertical flat plate rig to represent a large vessel system or the rig can be rotated to a horizontal orientation to offer alternative testing configurations



Testing of the load bearing insulation system used in areas deemed to have "through foot traffic"

Nuclear Testing Capabilities



Thermal testing can be carried out on a 30 inch diameter pipe rig to represent a typical Primary Circuit Pipe.



Water spray testing to demonstrate compliance with specification requirements regarding ingress of water and drainage capabilities



Test data from previous large scale representations is also used in the Thermal justification documents



Esterline

Darchem Engineering