

REACTOR HALL, MORAY
M. R. SITE SERVICES LIMITED



Specialist aluminium company M.R. Site Services has been appointed by Barrier Architectural to carry out a technically challenging project on the Spittal and Blackhillock wind farms near Keith, Moray.

The project involved the welding of aluminium floor panels, walls and ceiling panels in the Reactor Hall. The project required a range of specialist skills and equipment due to the ceiling design, vertical wall tack welds and 4mm thick floors all welded with modified equipment and weld procedures designed to minimise distortion.

The project required the manufacture of 1000 2.4 x 1.2m welded 6082T6 4mm thick aluminium extrusion with Expomet expanded aluminium mesh. All had to be in-situ tack welded overhead by Tungsten Inert Gas (welding), 14 metres high in the horizontal-vertical position onto 8mm thick aluminium roofing supports.

In addition, M.R.Site Services had to tack weld over 1400 1.2mm mill finish wall panels vertically and over 400 3mm x 1.5mm x 4mm thick aluminium sheet panels to create an aluminium floor.



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