

Variable Area Flow Meters Baked and Shaken



H 250 on the Vibration Table

Last year KROHNE became ASME Section III certified, authorizing them to place the "N" stamp and the "NPT" stamp on their products, and now the first product qualifications under harsh environments have been successfully completed. KROHNE subjected a H 250 variable area flow meter to thermal, cyclic, seismic and radioactive ageing tests. In this process, the H 250 was exposed to temperatures of 93°C for 820 hours in an oven and 5 MRad radiation, among other demanding conditions. The tests met the requirements of the IEEE for "Recommended Practices for Seismic Qualification of Class 1E Equipment for Nuclear Power Generating Stations" as well as the "Testing Procedure for Seismic Qualification of CANDU Nuclear Power Plants" of the CSA.

AMSE certification and successful product qualification have once more proved KROHNE's ability to produce high-performance products with demanding safety and availability requirements. For over thirty years, KROHNE has been a reliable partner for nuclear power station operators and equipment makers. KROHNE is certified under KTA 1401, RCC-E and RCC-M as well as ASME Section III ("N" and "NPT" stamps). KROHNE meets these requirements, and their products, including variable area, ultrasound and electro-magnetic flow meters, as well as level meters have proved themselves in systems.

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