

Vamp Ltd verifies product accuracy in a 1997 power plant

Vamp Ltd has delivered feeder protection relays and power monitoring units to the international market for more than a decade. As part of continuous quality assurance in line with the ISO9001 standard, the accuracy of installed devices was ensured and verified in an existing installation.

The Vaskiluoto pilot power plant in Vaasa, Finland, was selected for verification because it was already nine years old.

The demonstration power plant consists of Wartsila 18V46 and 18V64 Hot Combustion engines with two pressure steam cycles and with DeNOx and DeSOx systems and an HRSG-system.

The power plant's gross electrical output is 38.9 MW, net electrical output 38.0 MW, fuel consumption 71.9 MW, net electrical efficiency 53%, and total efficiency 70%.

The calibration test of the device was compared with a calibration and testing report dated 22 September 1997. All analogue input and output channels were found to be within the range of guaranteed tolerances.

The test confirmed that the accuracy of Vamp devices does not change during a 10-year period and thus there is no need for recalibration.

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