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Thermal Survey Report

Temperature Uniformity Survey Reporting Package

imagine making the impossible possible

With our range of recorders and software, your data is captured and stored very easily. Imagine the ease of automated reporting from secure data and imagine access to this information when and where you need it - add to this, an absolute commitment to technological innovation, constant reinvestment in research and development, and a team who understand your process requirements; we can and do imagine making the impossible possible for our customers.

Automated Temperature Uniformity Survey reporting

Part of AMS2750 pyrometry compliance

Temperature Uniformity Survey reports are a mandatory part of AMS2750 pyrometry compliance and the report content and format are well defined in the specification.

With the advent of digital recorders it is possible to take the output from the survey recorder and automate the production of the report. This adds a desirable level of efficiency to the whole process of thermal process equipment accreditation. This new package automates the production of survey reporting by combining the secure (.uhh files) data from a Field Test Instrument with the database management of Eurotherm Review. This directly produces reports which comply with the requirements of AMS2750 without exposing data from tamperproof files.

- Assists compliance to AMS2750
- Suitable for in house or 3rd party pyrometry/survey engineers
- Secure PDF reports
- NO access to raw data during report generation
- Links effortlessly with the Eurotherm Review database
- Multiple furnace data stored within the package for retrieval for repeat surveys
- Pass/Fail based on mathematical assessment of raw data and correction factors
- Windows Xp and Windows 7 compliant
- No Excel or intermediate software packages required

Setup

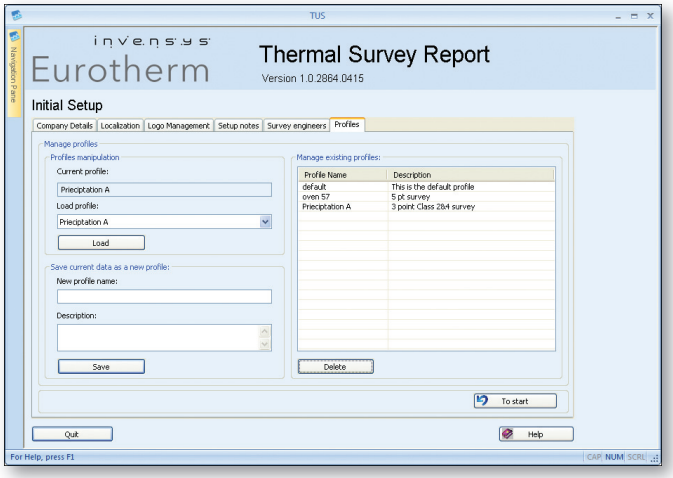
Set up mode will allow the pyrometry engineer to determine the scope of the temperature uniformity test for an individual furnace or piece of thermal processing plant.

The user is prompted to complete a number of survey specific pages which relate to the thermal processing equipment under test e.g. set points, survey thermocouple serial numbers and corrections factors, and process Class and Instrument Type

Customise

Initial Setup: the Thermal Survey Report can be customised to include company logos, local date and temperature unit formats, and repeat set up notes can be directly entered in to the report against a mix of fixed and free format fields reducing operator input.

Profiles: data profiles can be stored and retrieved for repeat survey for each piece of process plant.



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records forever

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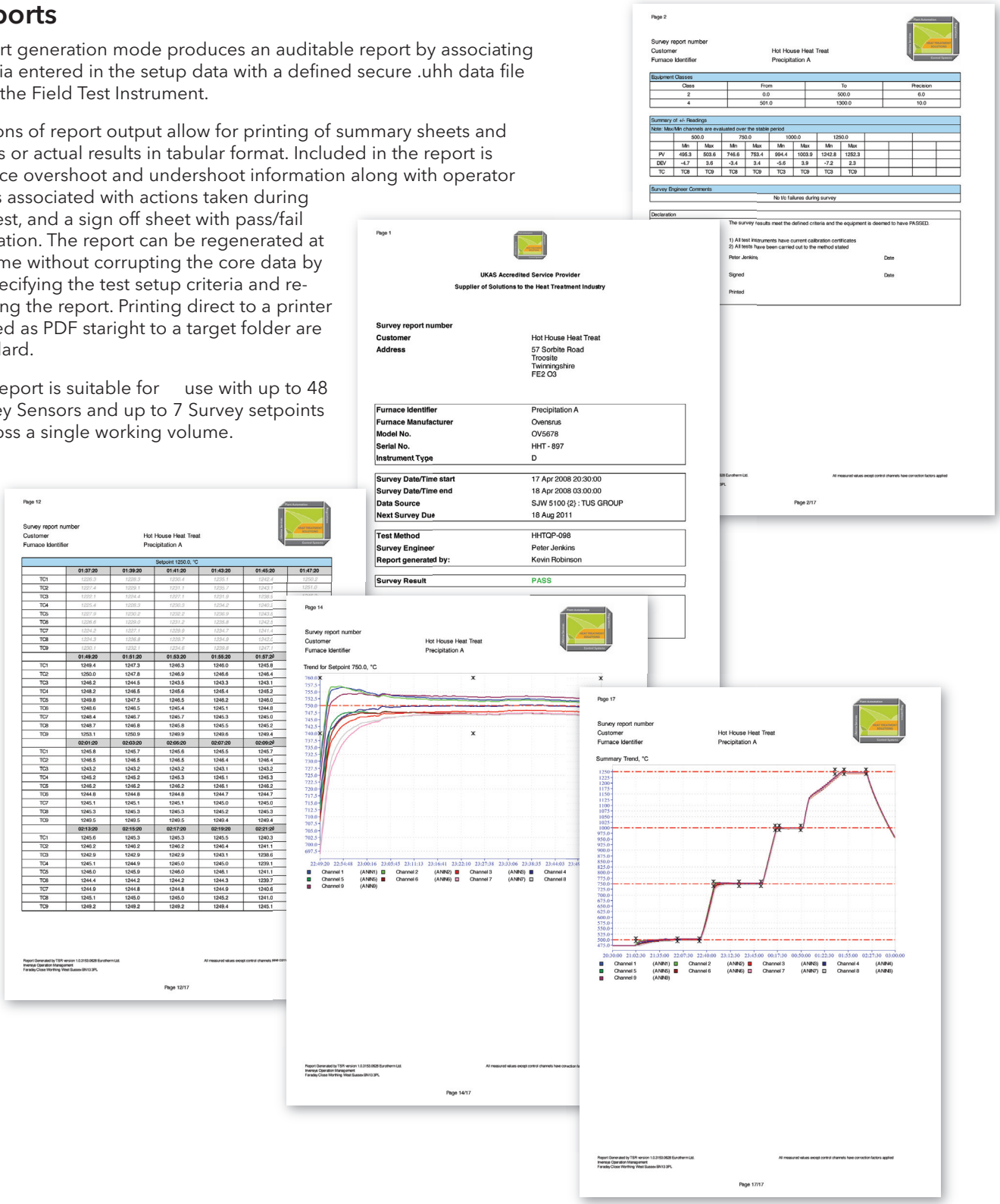
Reports

Report generation mode produces an auditable report by associating criteria entered in the setup data with a defined secure .uhh data file from the Field Test Instrument.

Options of report output allow for printing of summary sheets and charts or actual results in tabular format. Included in the report is furnace overshoot and undershoot information along with operator notes associated with actions taken during the test, and a sign off sheet with pass/fail indication. The report can be regenerated at anytime without corrupting the core data by re-specifying the test setup criteria and re-running the report. Printing direct to a printer or filed as PDF staright to a target folder are standard.

The report is suitable for use with up to 48 Survey Sensors and up to 7 Survey setpoints – across a single working volume.



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Operations Management

Part No. HA031174 Issue 1

Printed in England on recycled paper 08.11