 HPi VS <small>HPi Verification Services</small>	REFERENCE:	PRE - F - 25	ISSUE:	01
	TITLE:	PED ASSESSMENT REPORT		

NAME AND ADDRESS OF MANUFACTURER	LOCATION OF INSPECTION	REPORT NO
True Fusion Ltd, trading as Steam Technology Unit 10 Verralls Business Centre Maidstone Road Cranbrook Kent TN17 2 AF	At the works of True Fusion Ltd, Cranbrook Kent	HPiVS/P1089-001-2

DESCRIPTION

Copper boiler, serial number ST1323 11.17

Maker	True Fusion Ltd.	Risk Category	II
Design Code	N/A	PED Module Applied	A2
Pressure Range	6.9 bar (100 psi)	Test Pressure	200 psi
Temperature Range	N/A	Test Date	15 March 2018

REPORT

Introduction



The above range of boiler manufactured by True Fusion Ltd fall within the scope of the Pressure Equipment Directive and as such appropriate conformity assessment procedures must be deployed during the design, manufacture and test of the items. At up to Category II, Module A2 is an appropriate conformity assessment module, and HPi Verification Services has been appointed by True Fusion Ltd. as the Notified Body for the Conformity Assessment.

Scope

Undertake surveillance on the Module A2 assessment of the above type of boiler manufactured by True Fusion Ltd.

Contents / Results

The final inspection and test process as used True Fusion Ltd. was assessed and found to be complete and in compliance with the requirements of the Pressure Equipment Directive. It covered all aspects of the final inspection and test of the equipment being manufactured and is being adequately implemented. A pressure test of the described copper boiler was witnessed. 0-60 bar Rothenberger pressure gauge was used. The gauge was newly purchased and accompanied by a test report certificate from Rothenberger. The welding procedure and Ryan Culmer's welder qualification test certificate have been approved by Code-a-Weld (RTPO, with UKAS no. 342).

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True Fusion Ltd has a particular material appraisal for EN1652 copper plate.

Recommendations

All nonconformities having been satisfactorily resolved, Module A2 certificate number HPiVS/P1089-001-I-01 has been issued and True Fusion Ltd. is hereby authorised to place the HPi Notified Body number (1521) adjacent to the CE mark on the dataplates of the copper boilers in Category II covered by that certificate.

This certificate is issued subject to surveillance being carried out as required by the Pressure Equipment Directive. Estimated annual production of category II copper boilers is no greater than thirty. Based on this level of production, HPiVS shall undertake surveillance inspections every 12 months and witness the final assessment of 2 category II copper boilers per year. The next surveillance date is 15 March 2019, or when a boiler is manufactured from a material other than copper, whichever is the sooner.

True Fusion Ltd shall inform HPiVS if actual annual production of category II copper boilers is greater than thirty.

Signature



Name T Read CEng



Date of Report 4 June 2018

Assessment / Inspection Engineer HPi Verification Services