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

NAME AND ADDRESS OF MANUFACTURER	LOCATION OF INSPECTION	REPORT NO
Welding Innovations Ltd Unit 10 Verralls Business Centre Maidstone Road Cranbrook Kent TN17 2 AF	At the works of Welding Innovations Ltd, Cranbrook Kent	HPIVS/P1056-002-1

### DESCRIPTION

Copper boiler, serial number ST1198 10.16

<b>Maker</b>	Welding Innovations Ltd.	<b>Risk Category</b>	II
<b>Design Code</b>	N/A	<b>PED Module Applied</b>	A2
<b>Pressure Range</b>	6.9 bar (100 psi)	<b>Test Pressure</b>	200 psi
<b>Temperature Range</b>	N/A	<b>Test Date</b>	1 December 2016

### REPORT

#### Introduction

The above range of boiler manufactured by Welding Innovations 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 have been appointed by Welding Innovations 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 Welding Innovations Ltd.

#### Contents / Results

The final inspection and test process as used Welding Innovations 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 sample pressure test of the described a copper boiler was witnessed. Pressure gauge serial no 25950-1 was used, with certificate number 25950A issued by Ashford Instruments. The pressure gauge was calibrated against pressure gauge 270860, which itself was calibrated against deadweight tester serial number [2990] with calibration certificate number 12695 issued by UKAS accredited body 822.

Welding procedure and welder certificates were checked.

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Sample EN10204 type 3.1 material certificates were checked for EN1652 copper plate, and copper welding rods.

**Recommendations**

Welding Innovations Ltd shall ensure that it has particular material appraisals (PMA) for materials made to a non-harmonised standards.

All nonconformities having been satisfactorily resolved, Module A2 certificate number HPiVS/P1056-002-I-01 has been issued and Welding Innovations Ltd. are hereby authorised to place the HPi Notified Body number (1521) adjacent to the CE mark on the data plates of the copper boilers in Category I and II covered by that certificate.

This certificate is issued subject to surveillance being carried out as required by the Pressure Equipment Directive. The next surveillance due before 1 December 2017, or when the next boiler is manufactured from a material other than copper, whichever is the sooner.

**Signature**




Name T Read CEng

Date of Report 18 January 2017

Assessment / Inspection Engineer HPi Verification Services



HPI Verification Services

# Examination Report

This is to certify that the product listed below conforms to the requirements of the

## Pressure Equipment Directive 2014/68/EU

Annex III Module A2

**Certificate Number** HPIVS/P1056-002-I-01  
**Date of Issue** 18-Jan-2017 **Date of Expiry** 01-Dec-2017

**Manufacturer (or Authorised Representative)** **Welding Innovations Ltd. trading as Steam Technology**  
Unit 10  
Verralls Business Centre  
Maidstone Road  
Cranbrook  
Kent  
TN17 2 AF

**Equipment Description / Model** Copper Boilers  
Sampled unit: ST1198 10.16

**Pressure Range** 6.9 bar  
**Temperature Range** N/A

**Report Reference** HPIVS/P1056-002-1

This Certificate is valid in any European Economic Area Member State.

This Report has been issued by HPI Verification Services Ltd which is a body notified to the European Commission according to the provisions of the Pressure Equipment Directive (Notified Body number 1521).

This Report is issued following the assessment of a representative example or examples of the Pressure Equipment submitted in accordance with the provisions of the above regulations. The CE Mark may be affixed to the Pressure Equipment once the EU 'declaration of conformity' has been signed by the responsible person.

Check this certificate is genuine



Managing Director

Technical Manager

The manufacturer of the equipment to which this report applies must inform HPIVS of any proposed changes that could affect any of the assessed Essential Safety Requirements. Failure to do this will invalidate the



EU Notified Body No. 1521  
Company registered in England #7217086

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