Kemppi ArcValidator solution

First ever automated and universal solution for welding equipment validation

Introduction to ArcValidator

Today, welding companies face strict requirements from customers, regulators and inspecting bodies. If their welding equipment is not validated, they fail to meet national and international standards for welding equipment accuracy.

ISO 3834 "Quality Requirements for Welding" requires that your welding machine fleet is calibrated and validated.

Kemppi's ArcValidator is the most complete solution on the market for fast, consistent and thorough welding equipment validation, meeting ISO 3834 and EN 50504.

ArcValidator provides simple, guided and accurate validation for all welding equipment makes, models and welding methods.

Introduction to ArcValidator

- Up to 80% faster validations
- Effortless reporting, standards-compliant documentation and certificate creation
- Compatible with all brands and models of welding machines and welding processes with absolute unit meters.

ArcValidator system

Kemppi ArcValidator is the complete end-to-end solution for validating arc welding equipment. You can validate your entire welding machine fleet in one go, and select either the **precision grade** or **standard grade** level of accuracy.

With ArcValidator you can validate:

- Power source's **voltage** and **current** values
- **Wire feed speeds**.

ArcValidator system components

ArcValidator L 650 load bank for current, voltage and wire feed speed validation

ArcValidator DataStick USB memory stick

ArcValidator PC software for reporting, certificate creation and equipment profile management

ArcValidator RC remote control for operating ArcValidator L 650, saving and transferring data to and from a PC and for controlling the validation event.

How does ArcValidator work?

1. Connect the equipment (welding machine, load bank and the RC handset).

1. Switch on the power.

2. Select the equipment (power source or wire feeder) validation mode (manual or automatic) and the validation grade (standard or precision) and follow the instructions on the RC screen.

3. When you get the Passed notification, move the DataStick from the RC to the PC.

4. Reports are transferred to the Validator PC application.

5. Open and finalize the reports and export the certificates.

Why is validation needed?

ArcValidator solution makes sure the welding equipment meets the necessary standards to accurately support welding procedures and quality requirements for overall quality and welded product safety.

ISO 3834 "Quality Requirements for Welding" requires that your welding machine fleet is calibrated and validated.

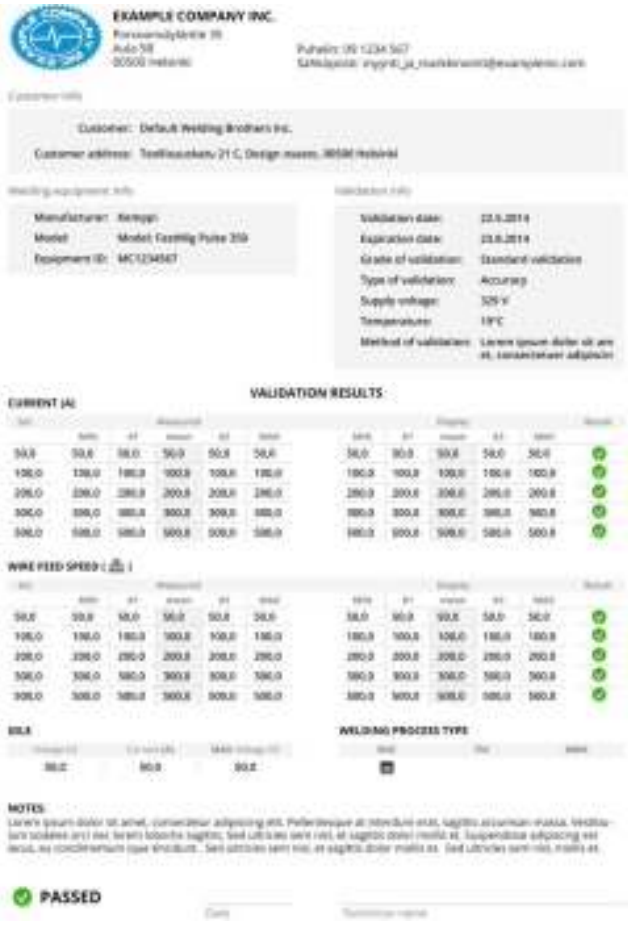
EN 1090 is the European standard you need to follow in order to get the CE marking required for steel structure manufacturing and construction. The requirements for arc welding equipment accuracy are defined in **EN 60974-1**.

ArcValidator solution itself is founded on the requirements of **EN 50504** for the process of validating arc welding equipment.

Who needs ArcValidator?

- Maintenance workshops
- Service workshops
- Manufacturers' own service departments
- Welding equipment hire companies
- Mobile service teams

ArcValidator saves you time and money and provides detailed customer records and certificates.



Benefits

- Speeds up the validation process up to 80% - fast return on investment (for businesses validating welding equipment on a daily basis, ArcValidator's capital investment cost can be recovered within the first year).
- Effortless reporting, standards-compliant documentation and certificate creation
- Compatible with all brands and types of welding machines and methods
- Guided step-by-step process
- Automatic validation for FastMig equipment
- Built-in wire feed speed validation tool
- Systematic, accurate and comparable results
- Easiest way to standards and requirements compliance.