



AGREEMENT

Number:	V-DK-011
Titel:	Repair work to be done on steam boilers - Qualification of welding personnel and welding procedures applied
Signatories:	BDH FDBR Vd-TÜV VGB
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Agreement Steam Boiler 011

2017-05

between

BDH	Bundesverband der Deutschen Heizungsindustrie e.V., Cologne
FDBR	Fachverband Anlagenbau e. V., Düsseldorf
VdTÜV	Verband der TÜV e. V., Berlin
VGB	VGB PowerTech e. V., Essen

on

Repair work to be done on steam boilers - Qualification of welding personnel and welding procedures applied

Preamble

This agreement is intended to supplement the pertinent rules and regulations. It is a collection of experience made, recommendations and, where required, a concretization of the rules and regulations, which, to the best of our knowledge, reflects the state-of-the-art at its date of publication. This agreement aims at ensuring the operational safety of steam boiler plants and their components.

No liability will be taken for the correctness of the contents of this agreement. Patents and other protective rights shall be clarified under the responsibility of the user.

The associations participating in this agreement would appreciate if further national and international associations/institutions could support and contribute to the development this agreement.

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Preamble

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1 Scope

This agreement applies to the qualification of welding personnel and welding procedures used for repair work on pressure-retaining walls of steam boiler plants.

2 Requirements to be met by third-party organisations responsible for the qualification of welding personnel and the procedures applied

An organisation responsible for the qualification of welders or operators and welding procedures shall either be a notified body to Article 12 or a recognized third-party organisation recognised by a member state to Article 13 of the Pressure Equipment Directive 97/23/EC, or either be a notified body or a recognized third-party organisation to Article 24 of the Pressure Equipment Directive 2014/68/EC. These organisations are listed in the NANDO-IS (New Approach Notified and Designated Organisations Information System) with reference to the Pressure Equipment Directive and to the approval of operating procedures and personnel employed for permanent joining (Annex I, cl. 3.1.2).

Alternatively, third-party organisations may be involved that have been accredited for welder qualification. This means that the organisations have obtained accreditation from DAkkS (German Accreditation Agency in Berlin). One important criterion to become active as testing agency is that the organisation and the test personnel employed have been accredited to DIN EN ISO/IEC 17024 (Conformity Assessment - General requirements for bodies operating certification of persons).

3 Requirements to be met by personnel

In case of qualification of welders to DIN EN ISO 9606-1, revalidation of welder qualification is only permitted to sections 9.3a) and 9.3b) of this standard. In case of qualification of operators to DIN EN ISO 14732, revalidation is only permitted to sections 5.3a) and 5.3b) of this standard. Extensions of validation period of welder/operator qualifications to section 9.3c) of DIN EN ISO 9606-1 or 5.3c) to DIN EN ISO 14732 are not permitted.

These personnel will be qualified by the bodies or organisations as per Section 2.

Only welders and operators with qualification test certificates established by organisations listed in NANDO-IS or agencies accredited by DAkkS for personnel certification will be accepted.

4 Requirements to be met by the welding procedure

For the repair work to be done welding procedure specifications (WPS) shall be provided that have been established on the basis of a qualification to the respective part of DIN EN ISO 15614 or to DIN EN ISO 15613.

Qualification of these welding procedures shall be made by the bodies or organisations as per Section 2.

A qualification to the aforementioned standards also covers repair welding (repair work).

5 Entry into force

This agreement shall apply with immediate effect.

Cologne, 30.5.2017

BDH Bundesverband der Deutschen Heizungsindustrie e.V.

Signed: Lücke

Essen, 26.4.2017

VGB PowerTech e.V.

Signed: Christensen

Berlin, 12.6.2017

VdTÜV Verband der TÜV e.V.

Signed: Dr. Brüggemann

Düsseldorf, 5.5.2017

FDBR e. V. Fachverband Anlagenbau

Signed: Dr. Maaß