



Use of the nickel-chrome-iron alloy NiCr15Fe

Steam Boilers
V-DK-008:2018-01
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English translation:

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Agreement on Steam Boilers V-DK-008: 2018-01

between

- FDBR Fachverband Anlagenbau e. V., Düsseldorf
- VDEh Stahlinstitut VDEh, Düsseldorf,
- VdTÜV Verband der TÜV e. V., Berlin
- VGB VGB PowerTech e. V., Essen

on the

Use of the nickel-chrome-iron alloy NiCr15Fe**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 having participated in the establishment of this guideline will appreciate the support and further development of its contents through other national and international associations/institutions.

This agreement is intended to supplement VdTÜV-Werkstoffblatt 305 and provide guidelines for the use of the heat-resisting alloy NiCr15Fe (Material no. 2.4816, Alloy 600/Alloy 600H) which will especially be used for the fabrication of

- welded-on nozzles for attachment of spray attemperators and retaining bolts,
- branches for thermal sleeves and
- thermowells for temperature and analysis measuring points

in boiler construction at temperatures ranging from -10 °C to $+600\text{ °C}$.

This Merkblatt is continuously updated in line with technical progress. Please address any proposals for this to the publisher:

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