



CERTIFICATE

TÜV SÜD-CHE-WD-3179839.2023.001

Manufacturer: **Thermofin GmbH
Am Windrad 1
DE-08458 Reichenbach-Heinsdorfergrund**

Plant(s): **Am Windrad 1
DE-08458 Reichenbach-
Heinsdorfergrund**

The above mentioned company fulfills the

**standard quality requirements for fusion welding
of metallic materials**

according to

EN ISO 3834-3

Contract: 23687747

Validity: July 31, 2026

Munich, July 25, 2023

Certification Body
Material and Welding Technology

D. Schwotzer

Denny Schwotzer



EQ3179839

TÜV SÜD Industrie Service GmbH, Westendstr. 199, 80686 Munich, Germany

CERTIFICAT

CERTIFICADO

СЕРТИФИКАТ

認證證書

CERTIFICATE

ZERTIFIKAT



The following range is certified according to EN ISO 3834-3

Scope of production: - Pipelines, air coolers, dry air coolers

Base material(s): - 1.1, 8.1, 22.2, 23.2, 31
(Group(s) according to EN ISO/TR 15608)

Dimension of items: Thickness up to 7,0mm, max. length 13,0m,
max. Ø 280,0mm, max. piece weight 5,0t

Welding processes:
(Process numbers according to EN ISO 4063)

141	TIG welding with solid filler material (wire / rod)
142	Utogenous TIG welding
912	Brazing

Welding supervisor: Mr. Jörg Fuchs (IWS)
Deputy: Mr. Sven Plambeck (IWE)
Mr. André Ullmann (IWS)

Personnel for non-destructive testing:
Responsible: Mr. Jörg Fuchs (IWS)
Deputy: Mr. Sven Plambeck (IWE)

All other relevant data are detailed in our report no R-3047043-23.

Remarks:



General Provisions

Should one of the named welding and testing supervisors leave the company, or welding and test procedures or important parts of equipment required for these procedures be changed or any of the welding-related quality assurance measures be modified, this must be reported beforehand to TÜV SÜD Industrie Service GmbH (hereinafter referred to as TÜV SÜD). If necessary, TÜV SÜD will initiate a renewed inspection at the company. The same applies to the permanent discontinuance of welding work.

Should there be any doubts pertaining to the qualification of the company, TÜV SÜD shall have the right to inspect the company and to carry out tests at the company at any time without prior notification.

This certificate can be withdrawn, amended or modified with immediate effect and without any compensation, if the conditions under which it was issued have changed or if the stipulations and provisions outlined in this certificate or the pertinent report have not been observed.

This certificate shall become invalid if the welding supervisor named therein leaves the company.

The authorization shall be suspended for as long as the company does not have a recognized responsible welding supervisor and no accepted deputy is on hand.

Application for renewal should be submitted to TÜV SÜD at least 2 months prior to expiry of the certificate.

Invalid or revoked certificates must be returned immediately to TÜV SÜD.

This certificate may only be copied or published in its entirety for advertising and other purposes. The text of promotional material may not contradict this certificate.