

# C E R T I F I C A T E

The Research Center for Steel, Timber and Masonry  
of the Karlsruhe Institute of Technology (KIT)

attests the manufacturer,

**Winkel GmbH**  
Am Illinger Eck 7  
75428 Illingen

that they delivered proof of fulfilling  
the quality requirements for welding according to

**DIN EN ISO 3834-2**  
Fusion welding of metallic materials  
Part 2: Comprehensive quality requirements

for the scope given in the attachment.

Certificate no.: 2420062-1  
Validity period: 19 April 2024 until 18 April 2027

Karlsruhe, 19 April 2024

Head of the Certification body  
Univ.-Prof. Dr.-Ing. T. Ummenhofer



Attachment to the  
**Certificate no. 2420062-1**

Scope of proof

Field of application:	Steel structures acc. to EN 1993-1 EN 1090-2
Welding processes:	111 – Manual metal arc welding 135 – Metal active gas welding
Base materials:	Non alloy structural steels up to S460 acc. to DIN EN 10025-2
Filler materials/auxiliary materials:	Rod electrodes acc. to DIN EN ISO 2560 and DIN EN ISO 3581 Wire electrodes acc. to DIN EN ISO 14341 and DIN EN ISO 14343
Welding supervisor:	Eugen-Ludwig Eberle, IWE Certificate no.: 83/92
Deputy:	Almedin Muratovic, IWS (EXC1-EXC2) Certificate no.: DE-01000001-1170-SFM-231208-2301058  Almir Heco, IWS (EXC1-EXC2) Certificate no.: DE-01050029-1170-SFM-230722-2308004
Remarks:	---

