

CERTIFICATE

Conformity of the Factory Production Control

0035-CPR-1090-1.02951.TÜVRh.2023.002

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the following construction product:

Construction product	Structural components and kits for steel structures to EXC3 according to EN 1090-2
Intended use	for load-bearing structures in all types of buildings
CE - marking method	ZA.3.2 and ZA.3.4 acc. to EN 1090-1:2009+A1:2011
Manufacturer	produced by or for ABUS Kransysteme GmbH Sonnenweg 1 5164 Gummersbach GERMANY
Manufacturing plants <small>production facilities of the manufacturer</small>	see reverse
Confirmation	This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the harmonised standard EN 1090-1:2009+A1:2011 under system 2+ are applied, and that the factory production control fulfills all the prescribed requirements stated therein.
Date of first issue	26.08.2013
Next Surveillance audit	25.08.2026
Period of validity	This certificate will remain valid as long as the test methods and/or the factory production control requirements included in the harmonised standard used to assess the performance of the declared characteristics do not change, and the product and the manufacturing conditions in the plants are not modified significantly.
Remarks	see reverse
Place and date of issue	Köln, 20.08.2023 J. Tewes


Dipl.-Ing. Makowka
Head of certification body



Certificate number: 0035-CPR-1090-1.02951.TÜVRh.2023.002

- Manufacturing plants**
1. **ABUS Kransysteme GmbH**
Georg-Schacht-Str. 25, 15295 Brieskow-Finkenheerd, GERMANY
 2. **ABUS Kransysteme GmbH**
Archimedesstr. 1, 51647 Gummersbach, GERMANY
 3. **ABUS Kransysteme GmbH**
Sonnenweg 1, 5164 Gummersbach, GERMANY
 4. **ABUS Kransysteme GmbH**
Industriestr. 8, 51709 Marienheide-Rodt, GERMANY

Remarks The Notified Body - 0035 TÜV Rheinland Industrie Service GmbH has performed the initial inspection of the/of manufacturing plant(s) and of the factory production control and performs the continuous surveillance, assessment and approval of the factory production control.

General provisions

The conditions of the standard EN 1090-1:2009+A1:2011, from section B. 4.1 until including section B. 4.4, must be fulfilled.

The requirements of EN 1090-1:2009 + A1: 2011, section B. 4.3 are observed. These refer to the annual statements to be submitted in writing of the manufacturer to the Notified Body.

The General Terms and Conditions of the TÜV Rheinland Industrie Service GmbH apply in the currently valid version.

CERTIFICATE

Conformity of the Factory Production Control

0035-CPR-1090-1.02952.TÜVRh.2023.002

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the following construction product:

Construction product	Structural components and kits for aluminium structures to EXC3 according to EN 1090-3
Intended use	for load-bearing structures in all types of buildings
CE - marking method	ZA.3.2 and ZA.3.4 acc. to EN 1090-1:2009+A1:2011
Manufacturer	produced by or for ABUS Kransysteme GmbH Sonnenweg 1 5164 Gummersbach GERMANY
Manufacturing plants <small>production facilities of the manufacturer</small>	see reverse
Confirmation	This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the harmonised standard EN 1090-1:2009+A1:2011 under system 2+ are applied, and that the factory production control fulfills all the prescribed requirements stated therein.
Date of first issue	26.08.2013
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Period of validity	This certificate will remain valid as long as the test methods and/or the factory production control requirements included in the harmonised standard used to assess the performance of the declared characteristics do not change, and the product and the manufacturing conditions in the plants are not modified significantly.
Remarks	see reverse
Place and date of issue	Köln, 20.08.2023 J. Tewes


Dipl.-Ing. Makowka
Head of certification body



Certificate number: 0035-CPR-1090-1.02952.TÜVRh.2023.002

- Manufacturing plants**
1. **ABUS Kransysteme GmbH**
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 2. **ABUS Kransysteme GmbH**
Archimedesstr. 1, 51647 Gummersbach, GERMANY
 3. **ABUS Kransysteme GmbH**
Sonnenweg 1, 5164 Gummersbach, GERMANY
 4. **ABUS Kransysteme GmbH**
Industriestr. 8, 51709 Marienheide, GERMANY

Remarks The Notified Body - 0035 TÜV Rheinland Industrie Service GmbH has performed the initial inspection of the/of manufacturing plant(s) and of the factory production control and performs the continuous surveillance, assessment and approval of the factory production control.

General provisions

The conditions of the standard EN 1090-1:2009+A1:2011, from section B. 4.1 until including section B. 4.4, must be fulfilled.

The requirements of EN 1090-1:2009 + A1: 2011, section B. 4.3 are observed. These refer to the annual statements to be submitted in writing of the manufacturer to the Notified Body.

The General Terms and Conditions of the TÜV Rheinland Industrie Service GmbH apply in the currently valid version.

Welding Certificate

TÜVRh-EN1090-2.02820.2023.002

in accordance with EN 1090-1, table B.1, its hereby declared:
The manufacturer has produced evidence that he fulfills the requirements of the European standard EN 1090-2 for execution of structural steel components

Manufacturer	ABUS Kransysteme GmbH	
	Sonnenweg 1 5164 Gummersbach GERMANY	
welding shops	see reverse	
Technical specification	EN 1090-2:2018	
Execution class(es)	EXC3 according to EN 1090-2	
Welding Process(es) <small>(Reference no. acc. to DIN EN ISO 4063)</small>	111 - Manual metal arc welding 135 - Metal active gas welding, partly mechanized 138 - MAG welding with metal cored electrode 783 - Drawn arc stud welding with ceramic ferrule or shielding gas 784 - Short-cycle drawn arc stud welding	
Material Group	1.1, 1.2 according to CEN ISO/TR 15608 and EN 1090-2, table 2 and 3	
Responsible Welding Coordinator <small>(Title, Surname, Name, Qualification, Date of birth)</small>	Dipl.-Ing. Andreas Hardt, EWE	born on: 28.02.1974
Substitute <small>(Title, Surname, Name, Qualification, Date of birth)</small>	Dipl.-Ing. Petra Barth, EWE Dipl.-Ing. Christian Menn, EWE	born on: 16.04.1961 born on: 18.12.1982
Confirmation	All provisions concerning welding as described in the above mentioned technical specification(s) were applied.	
Validity start	26.08.2013	
Period of validity	25.08.2026	
Remarks	-	
Place and date of issue	Köln, 20.08.2023 Tewes/ZA	 Dipl.-Ing. Makowka Head of certification body

Certificate number: TÜVRh-EN1090-2.02820.2023.002

welding shop: ABUS Kransysteme GmbH, Sonnenweg 1, 5164, Gummersbach,
GERMANY
ABUS Kransysteme GmbH, Archimedesstr. 1, 51647, Gummersbach,
GERMANY
ABUS Kransysteme GmbH, Georg-Schacht-Str. 25, 15295,
Brieskow-Finkenheerd, GERMANY
ABUS Kransysteme GmbH, Industriestr. 8, 51709, Marienheide, GERMANY

General Terms

1. This certificate is valid as long as the terms of the above technical specifications themselves or the manufacturing conditions of the essential manufacturing factory have not changed significantly.
2. This certificate may only be reproduced or published for advertising or other purposes than as a whole. The text of promotional material doesn't has to be in conflict with this certificate.
3. In case of any doubt as to the suitability of the manufacturing factory(ies) there is the possibility reserved by the inspection authority to carry out an unexpected spot checks in the manufacturing factory paid by the manufacturer
4. This certificate may be withdrawn at any time with immediate effect and be amended or modified if the conditions under which it was granted have changed, or if the terms of this certificate are not met.
5. The following changes must be reported to the inspection authority:
 - a) New production or significant changes to essential manufacturing facilities;
 - b) Change of the welding coordinator;
 - c) inception of new welding processes, new base materials and related WPQRs (welding procedure qualification record)
 - d) new essential manufacturing facilities

The inspection authority will cause a supplementary examination in the cases cited

6. At least two months before the expiry date there shall be submitted an application to the inspection authority, when the qualification should be recertified.

distributor

1. Applicant
2. File

Certificate

Inspection of the welding quality requirements according ISO 3834

Certificate no.: 01 240 641/A-20 0110.00

Name and address of the
certificate holder: **ABUS Kransysteme GmbH**
Sonnenweg 1
51647 Gummersbach
Germany

It is hereby certified that the manufacturer has furnished
proof of the quality requirements according to the test basis.
The mentioned company:

- operates a quality system which ensures that the
manufacture and inspection of the products stated in our
report, are in compliance with applicable technical
standards and regulations;
- employs qualified supervisory and inspection personnel;
- has qualified welding processes and welding personnel;
- has adequate facilities permitting manufacture and inspection of
welded products.

Test basis: **EN ISO 3834-2**


Audit report no.: 170-268882832-01-2023


Scope: **The scope of the inspection and other relevant data are
given in the annex to the certificate.**

Manufacturing plant: see annex 2

Validity: **This certificate is valid until 2026-11-26.**

Cologne, 2023-08-18


Dipl.-Ing. Achim Makowka
Certification Body for welding manufacturers



TUV Rheinland Industrie Service GmbH
Certification Body for welding manufacturers
Am Grauen Stein, D-51105 Cologne

M-012-Rev24

Annex

to the certificate according to ISO 3834

Certificate no.: 01 240 641/A-20 0110.00

Name and address of the
manufacturer:

**ABUS Kransysteme GmbH
Sonnenweg 1
51647 Gummersbach
Germany**

Specifications:

EN ISO 3834-2

Scope of production:

Manufacturing of
- Steel construction or parts for steel constructions
- Components for machine constructions

Welding process
acc. EN ISO 4063:

111; 135; 138; 783, 784

Material group
acc. CEN ISO/TR 15608:

1.1; 1.2

Responsible welding coordinator
acc. EN ISO 14731:

Mr. Andreas Hardt; Level C (EWE/EWF)

Substitute:

Mr. Christian Menn; Level C (EWE/EWF)

Mrs. Petra Barth; Level C (EWE/EWF)

Remarks:

This annex is only valid in combination with the ISO 3834
certificate and does not replace the supporting documents
required under the scope of regulated by law.

Cologne, August 18, 2023

Explanations:

B - basic technical knowledge, S - special technical knowledge, C - comprehensive technical knowledge according to ISO 14731

TÜV Rheinland Industrie Service GmbH
Certification body for welding manufacturers
Am Grauen Stein, D-51105 Köln

M-D012-E-Cert Annex-3834-Rev25

Annex 2

Inspection of the welding quality requirements according ISO 3834

Certificate no.: 01 240 641/A-20 0110.00

Name and address of the certificate holder: **ABUS Kransysteme GmbH
Sonnenweg 1
51647 Gummersbach
Germany**

Manufacturing plants: ABUS Kransysteme GmbH
Sonnenweg 1
51647 Gummersbach
Germany

Abus Kransysteme GmbH
Archimedesstr. 1
51647 Gummersbach
Germany

ABUS Kransysteme GmbH
Industriestr. 8
51709 Marienheide
Germany

ABUS Kransysteme GmbH
Georg-Schacht-Str. 25
15295 Brieskow-Finkenheerd
Germany

Cologne,
2023-08-18



The image shows a blue ink signature of Achim Makowka. The signature is written over a circular stamp that reads 'TÜV Rheinland' at the top and 'Certification Body' at the bottom. The stamp also features the TÜV Rheinland logo, a stylized triangle.

Dipl.-Ing. Achim Makowka

TUV Rheinland Industrie Service GmbH
Certification Body for welding manufacturers
Am Grauen Stein, D-51105 Cologne

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