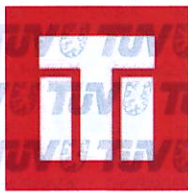


# CERTIFICATE

The Certification Body for  
Construction Products of TÜV Thüringen e. V.

certifies in accordance with TÜV Thüringen  
procedure that



# TERWA

**TERWA CONSTRUCTION SYSTEMS SRL**

Ghimbav, DE 301-305, Str. Sanzienei, Jud. Brasov,  
Romania

has established and applies a quality system  
according to

**DIN EN ISO 3834 – 2**

Comprehensive quality requirements

in the specified scope to the annex of certificate

report no. for specific assessment: **RO04/4216/19**

certificate no.: **0090 152 0813**

certificate expires: **2020-12-19**

Erfurt, 2019-12-20



V. Kharlashkin  
Certification Body for Construction  
Products of TÜV Thüringen e. V.  
Notified Body 0090



## ANNEX TO CERTIFICATE No. 0090 152 0813

Certificate's holder	TERWA CONSTRUCTION SYSTEMS SRL Ghimbav, DE 301-305, Str. Sanzienei, Jud. Brasov
Welding (manufacturing) place	Ghimbav, DE 301-305, Str. Sanzienei, Jud. Brasov
Scope of Application	Fabrication and assembly of metallic products
Applicable standard for quality requirements	EN ISO 3834-2:2005 Quality requirements for fusion of metallic materials - Teil 2 "Comprehensive quality requirements" (ISO 3834-2:2005);
Welding process (-s)	135; 135 automatic; 142 automatic according to EN ISO 4063:2009
Base material group	Up to 1.2 and 8.1 according to DIN CEN ISO/TR 15608:2017
Welding coordinator	Dipl.-Ing. Mateescu Florentina, DoB 11.03.1958 Qualification IWE/EWE Diplom No. D-S-80636-1173-970227-4093 from 27.02.1997 Diplom No. RO/IWI-C/00068 from 06 June 2008
Related standards	DIN EN ISO 3834-5:2006 DIN EN ISO 9606-1:2017 DIN EN ISO 15614-1:2017 DIN EN 1090-1:2009+A1:2012 DIN EN 1090-2:2018
Other provisions	The Certification Body has to conduct monitoring of the QC during certificate's validity period, at least once at 12 (twelve) month. This certificate does not replace verifications required in legal areas.
The certificate holder shall inform Certification Body immediately in case of any changes of the data in this annex or other conditions of certification.	

Erfurt, 2019-12-20  
Ort, Datum



  
 V. Kharlashkin  
 Signature and stamp  


## Welding Certificate

1090-2.0087.TÜVTH.2019.01

In compliance with EN 1090-1, Tab. B.1, the following has been stated:

This welding certificate is valid in connection with the EC-Certificate No. 0090-CPR-1090-1.0087.TÜVTH.2019.01 in the field of CPR

**Manufacturer:**

(Manufacturer or its authorized representative)

**TERWA CONSTRUCTION SYSTEMS S.R.L.**

**Ghimbav, DE 301-305, Str. Sanzienei,**

**Jud. Brasov**

**Essential manufacturing facility(ies):**

(Production site of the manufacturer)

**Terwa Construction Systems S.R.L.**

**Ghimbav, DE 301-305, Str. Sanzienei, Jud. Brasov**

**Technical specification:**

**EN 1090-2:2018**

**Execution class:**

**EXC 3**

**Welding Process(es):**

(Reference no. Acc.to DIN EN ISO 4063)

135 – Metal Arc Welding (MAG)

135 automatic – Metal Arc Welding (MAG)

142 automatic – Gas Tungsten Arc Welding (GTAW/TIG)

**Parent Material(s):**

(Grade/Standard)

M-Group 1.1, 1.2 acc. to CEN ISO/TR 15608 and

DIN EN 1090-2, table 2 and 3;

M-Group 8.1, 8.1 acc. to CEN ISO/TR 15608 and

DIN EN 1090-2, table 4

**Responsible Welding Coordinator:**

(Title, First name, Name, Date of birth, Qualification)

**Ms. Florentina Mateescu, 11.03.1958, IWE/EWE**

**Deputy:**

(Title, First name, Name, Date of birth, Qualification)

**Mr. Bogdan Giurgiu, 25.01.1994, ap**

**Confirmation:**

All provisions concerning welding as described in the above mentioned technical specification(s) were applied.

**Begin of validity:**

(First issue date)

**20.12.2019**

**Next surveillance date:**

**19.12.2020**

**Period of validity:**

This certificate remains valid as long as the conditions of the above mentioned technical specifications in reference or the manufacturing conditions in the factory are not modified significantly.

**Remarks:**

see back

**Place / issue date**

Erfurt / 19.12.2019



Dipl.-Ing. V. Kharlashkin  
Certification Body for  
Construction Products  
(Name, sign, stamp)

**General Provisions to the validity of Certificates about Factory Production Control (FPC) acc. to DIN EN 1090-1 and additional Welding Certificates**

1. This certificate is unlimited valid, if the following conditions are fulfilled.
  - a) The contents of the standard have not changed.
  - b) The conditions for dimensioning have not changed (if they are a component of certification). Furthermore Factory Production Control and the conditions of manufacture are unchanged
  - c) There is a valid contract with the inspection and certification body.
  - d) The certifying body must be notified about following changes in accordance with B 4.1, DIN EN 1090-1 with an annual declaration by manufacturer:
    - New production plant or changes to key production facilities;
    - Changes in the position of responsible welding coordinator;
    - Introduction of new welding procedures, new base materials and corresponding WPQRs;
    - New key production facilities.Certified body declares in a written confirmation, based on declaration by manufacturer, that the validity of the certificate is maintained.
  - e) Surveillance periods were carried out in accordance with requirements from Tab. B.3, DIN EN 1090-1.
  - f) Surveillance documents confirmed, that conditions are fulfilled to maintain the Certificate These Documents are available at certification body.
2. Unscheduled Surveillance will be arranged if one of the following situations has occurred
  - a) One of the cases written in Cap. B 4.1, DIN EN 1090-1 has arised.
  - b) Introduction of a new or modified manufacturing procedure, provided that evaluating properties are influenced.
  - c) Change to a higher execution class (EXC).
3. The first Surveillance is carrying out after one year.  
If essential corrections are not necessary, surveillances system will be conducted in accordance with the rules of DIN EN 1090-1, Tab B.3.
4. Manufacturer is obliged to make the actually surveillance report available to the certification body, provided that the report is not directly sent from the inspection to certification body. Based on this surveillance report the certification body will make a written confirmation about maintenance of the certificate, issue a modified certificate, issue a new certificate or certificate can be withdrawn.
5. Use of certificates is available only together with the written confirmation by certification body. The Welding Certificate may only be used in combination with EC-Certificate.
6. This certificate may be withdrawn by the certification body at any time, with immediate effect and without compensation, if the conditions under which it has been issued have changed or if the requirements of this certificate have not been complied with. Manufacturer is obligated to send back the original Certificate.
7. This Certificate may be reproduced or published for advertising or other purposes only in its entirety. The wording of any marketing publications must not be contradictory to the contents of this certificate.
8. The certified body reserves the right to perform inspections at the company's premises at any time, without having to give notice and subject to additional charge, in the event of questions arising with regard to the manufacturer's qualification.

**Remarks:**

If the responsible welding supervisor is absent from the factory the deputy need a detailed technical instruction by the responsible welding supervisor. Working- and welding specifications for welding production may only be established by the responsible welding supervisor.

Cutting processes are carried out exclusively by mechanical cutting processes



## Certificate of conformity

of the

## Factory Production Control (FPC)

0090-CPR-1090-1.0087.TÜVTH.2019.01

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 09 March, 2011  
(Construction Products Regulation – CPR)

this certificate applies for following construction products:

**Product:** Structural Steel Components up to EXC 3 acc. to EN 1090-2

**Intended use:** For structural use in all types of construction works

**CE-marking method:** ZA 3.3 and ZA 3.4 acc. to EN 1090-1:2012, Annex ZA

**Production process:** Design, cutting, punching, welding and corrosion protection

**Manufacturer:** TERWA CONSTRUCTION SYSTEMS S.R.L.  
(Manufacturer or its authorized representative) Ghimbav, DE 301-305, Str. Sanzienei,  
Jud. Brasov

**Manufacturing plant(s):** Terwa Construction Systems S.R.L.  
(Production site of the manufacturer) Ghimbav, DE 301-305, Str. Sanzienei, Jud. Brasov

**Confirmation:** This certificate attests that all provisions concerning the assessment  
and verification of constancy of performance described in Annex ZA  
of the standard

### EN 1090-1:2012

under system 2+ are applied and the factory production control  
fulfils all the prescribed requirements set out above

**Begin of validity:** 20.12.2019  
(Datum der Erstaussstellung)

**Next surveillance date:** 19.12.2020

**Period of validity:** This certificate will remain valid as long as the test methods and/or  
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 plant are not modified significantly.

**Remarks:** To this certificate belong the welding certificate(s):  
1090-2.0087.TÜVTH.2019.01  
and see back

**Place / issue date:** Erfurt / 20.12.2019



Dipl.-Ing. V. Kharlashkin  
Certification Body for  
Construction Products  
(Name, sign, stamp)



**General Provisions to the validity of Certificates about Factory Production Control (FPC) acc. to DIN EN 1090-1 and additional Welding Certificate(s)**

1. This certificate is unlimited valid, if the following conditions are fulfilled.
  - a) The contents of the standard have not changed.
  - b) The conditions for dimensioning have not changed (if they are a component of certification). Furthermore Factory Production Control and the conditions of manufacture are unchanged.
  - c) There is a valid contract with the inspection and certification body.
  - d) The certifying body must be notified about following changes in accordance with B 4.1, DIN EN 1090-1 with an annual declaration by manufacturer:
    - New production plant or changes to key production facilities;
    - Changes in the position of responsible welding coordinator;
    - Introduction of new welding procedures, new base materials and corresponding WPQRs;
    - New key production facilities.Certified body declares in a written confirmation, based on declaration by manufacturer, that the validity of the certificate is maintained.
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8. The certified body reserves the right to perform inspections at the company's premises at any time, without having to give notice and subject to additional charge, in the event of questions arising with regard to the manufacturer's qualification.

**Remarks:**

/./

