

CERTIFICATE

Quality Austria - Trainings, Zertifizierungs und Begutachtungs GmbH awards this **qualityaustria** certificate to the following organisation:

This **qualityaustria** certificate confirms the application and further development of an effective

ANDRITZ

ANDRITZ KFT

HU-6600 Tiszakécske, Dózsa telep 69

Research, development, testing, sales, engineering, procurement, manufacturing, installation, commissioning, and project management of

- Turn-key hydro power plants
- Service, Refurbishment, Maintenance, Operation, Digital Technology and Services
- Turbines, Generators, Penstock, Gates,
- Automation, Electrical Power Systems
- Pumps, Motors and Pumping Solutions
- Synchronous Condenser

This certificate is only valid in connection with the main certificate **Q-29731/1**

The validity of the **qualityaustria** certificate will be maintained by annual surveillance audits and one renewal audit after three years.

QUALITY MANAGEMENT SYSTEM

complying with the requirements of standard

ISO 9001:2015

Registration No.: Q-29731/17

Date of initial issue: 01 August 2023

Valid until: 31 July 2026

Vienna, 01 August 2023

Quality Austria - Trainings, Zertifizierungs und Begutachtungs GmbH,
AT-1010 Vienna, Zelinkagasse 10/3



Mag. Christoph Mondl
CEO



Mag. Dr. Werner Paar
CEO



Mag. Dr. Anni Koubek
Specialist representative



 **qualityaustria**

MEMBER OF



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- Synchronous Condenser

This certificate is only valid in connection with the main certificate **OHS-01693/1**

The validity of the **qualityaustria** certificate will be maintained by annual surveillance audits and one renewal audit after three years.

OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEMS

complying with the requirements of standard
ISO 45001:2018

Registration No.: OHS-01693/17

Date of initial issue: 01 August 2023

Valid until: 31 July 2026

Vienna, 01 August 2023

Quality Austria - Trainings, Zertifizierungs und Begutachtungs GmbH,
AT-1010 Vienna, Zelinkagasse 10/3



Mag. Christoph Mondl
CEO



Mag. Dr. Werner Paar
CEO



Ing. Klaus Weitmann
Specialist representative



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- Automation, Electrical Power Systems
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- Synchronous Condenser

This certificate is only valid in connection with the main certificate **U-04883/1**

The validity of the **qualityaustria** certificate will be maintained by annual surveillance audits and one renewal audit after three years.

ENVIRONMENTAL MANAGEMENT SYSTEM

complying with the requirements of standard
ISO 14001:2015

Registration No.: U-04883/17

Date of initial issue: 01 August 2023

Valid until: 31 July 2026

Vienna, 01 August 2023

Quality Austria - Trainings, Zertifizierungs und Begutachtungs GmbH,
AT-1010 Vienna, Zelinkagasse 10/3



Mag. Christoph Mondl
CEO



Mag. Dr. Werner Paar
CEO



DI Axel Dick, MSc
Specialist representative



 **qualityaustria**

MEMBER OF



CERTIFICATE

of the factory production control (FPC)
CPR Number: 1346

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

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in the Annex ZA of the standard EN 1090 -1:2009+A1:2011 under system 2+ are applied and that the factory production control fulfills the prescribed requirements set out above.

ANDRITZ

STEELSTRUCTURES

placed on the market by

ANDRITZ KFT

HU-6600 Tiszakécske, Dózsa telep 69

and produced in the manufacturing plant

ANDRITZ KFT


HU-6600 Tiszakécske, Dózsa telep 69

Harmonized norm	
EN 1090-1:2009+A1:2011	
Execution Class(es)	Method(s) of Declaration
Steel	
EXC1, EXC2, EXC3, EXC4 acc. to EN 1993-1-1:2005+AC:2006 +AC:2009+A1:2014	ZA3.3, ZA3.5 acc. to EN 1090-1:2009+A1:2011

Period of validity: This certificate was first issued on **01.08.2023** and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performances of the declared essential characteristics, do not change, and the construction product, and the manufacturing conditions in the plant are not modified significantly, unless suspended or withdrawn by the factory production control certification body.

qualityaustria Reg. No.: CES-00064/17



 **qualityaustria**

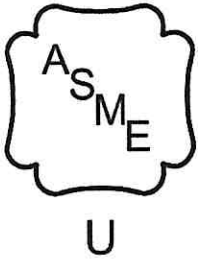
Vienna, 01 August 2023

Quality Austria - Trainings, Zertifizierungs und Begutachtungs GmbH,
AT-1010 Vienna, Zelinkagasse 10/3

Mag. Christoph Mondl
CEO

Mag. Dr. Werner Paar
CEO

Dipl.-Ing. Florian Knobloch
Specialist representative



The American Society of Mechanical Engineers

CERTIFICATE OF AUTHORIZATION

The named company is authorized by The American Society of Mechanical Engineers (ASME) for the scope of activity shown below in accordance with the applicable rules of the ASME Boiler and Pressure Vessel Code. The use of the ASME Single Certification Mark and the authority granted by this Certificate of Authorization are subject to the provisions of the agreement set forth in the application. Any construction stamped with the ASME Single Certification Mark shall have been built strictly in accordance with the provisions of the ASME Boiler and Pressure Vessel Code.

COMPANY:

Andritz Kft.
Dózsa telep 69.
Tiszakécske H-6060
Hungary

SCOPE:

Manufacture of pressure vessels at the above location and field sites controlled by the above location (This authorization does not cover impregnated graphite)

AUTHORIZED: **March 28, 2024**

EXPIRES: **March 28, 2027**

CERTIFICATE NUMBER: **31765**

Handwritten signature of Richard D. Caplan in black ink.

Board Chair,
Conformity Assessment



Handwritten signature of Matthew Vanquay in black ink.

Senior Director,
Engineering Operations

Certificate

Manufacturer and Welding Shop acc. to AD 2000-Code

Certificate no.: 01 202 HU/A-14 3104.00

Name and address of the certificate holder: **ANDRITZ Kft
Dózsa telep 69.
6060 Tiszakécske
Hungary**

It is hereby certified that the manufacturer has furnished proof of the quality requirements. The above-mentioned company:

- has facilities permitting manufacturing and inspection in conformity with the present technical standard,
- operates a quality system which guarantees that manufacturing and inspection of the products stated in our report are in conformity with the technical codes and regulations,
- employees qualified supervisory and inspection personnel.

Specifications: **AD 2000-Merkblatt HP 0;
under the Directive 2014/68/EU Annex I, Para. 3.1**


Test Report no.: E 122/1247/2023


Scope: **Manufacturing of Pressure Equipment, see report**

Manufacturing Plant: see certificate holder

Validity: **This certificate is valid until 2026-08-09.**

Cologne, 2023-11-14


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



Certificate

Inspection of the welding quality requirements according ISO 3834

Certificate no.: 01 240 HU/A-14 3103.00

Name and address of the
certificate holder: **ANDRITZ Kft**
Dózsa telep 69.
6060 Tiszakécske
Hungary

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.: E 122/1247/2023

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

Manufacturing plant: see certificate holder

Validity: **This certificate is valid until 2026-08-09.**

Cologne, 2023-11-14


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 HU/A-14 3103.00

Name and address of the
manufacturer:

ANDRITZ Kft
Dózsa telep 69.
6060 Tiszakécske
Hungary

Specifications:

EN ISO 3834-2

Scope of production:

Manufacturing of
- Pressure Equipment or parts for pressure equipment

Welding process
acc. EN ISO 4063:

111; 121; 135; 136; 138; 141

Material group
acc. CEN ISO/TR 15608:

1.1; 1.2; 1.3; 2.1; 3.1; 5.1; 7.2; 8.1; 10.1; 46

Responsible welding coordinator
acc. EN ISO 14731:

Mr. Zsolt Ádám, Level C (IWE/IIW)

Substitute:

Mr. Mihály Makai, Level C (IWE/IIW)

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, November 14, 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 to certificate according to MSZ EN ISO 3834-2:2021

Certificate no:	MSZ EN ISO 3834-2 14 1187
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Welding process according to ISO 4063	Material group according to ISO/TR 15608
111	1.1, 1.2, 2.1, 5.1, 8.1, 10.1, 46
135	1.1, 1.2, 1.3, 2.1, 3.1, 5.1, 7.2, 8.1,
135 (GULLCO)	1.2; 2.1
136	1.1, 1.2, 8.1, 10.1
138	7.2
141	1.1, 1.2, 2.1, 5.1, 7.2, 8.1, 10.1, 46
141 NGW	1.2
121	1.1, 1.2, 5.1, 8.1, 10.1, 46
783:	1.2; 8.1

Responsible welding coordinator according to ISO 14731	Zsolt Ádám (EWE/IWE, C)
Substitute:	Mihály Makai (EWE/IWE, C)

Budapest, 25.07.2023

Paluska

Gyula Paluska
Certifier



TÜV Rheinland InterCert Kft.
Industrial Services Division

Classification according to ISO 14731:

B – basic technical knowledge ; S – special technical knowledge; C – comprehensive technical knowledge

TÜV Rheinland InterCert Kft. Ipari szolgáltatások üzletág – H-1143 Budapest, Gizella út 51-57.

tel.: +36-1/4611-100; fax: +36-1/4611-199; e-mail: tuv@hu.tuv.com; honlap: www.tuv.hu

MS-0047879 Melléklet-2

2 / 2

Rev.0

Certificate

According to MSZ EN ISO 3834-2:2021

Certificate no.: MSZ EN ISO 3834-2 14 1187

Name and address of the manufacturer: **Andritz Ltd.
Dózsa telep 69.
6060 Tiszakécske
Hungary**

The manufacturer has fulfilled the comprehensive, quality requirements for welding activities according to MSZ EN ISO 3834-2:2021.

A quality management system has been certified and implemented in the company according to MSZ EN ISO 9001:2015 standard. The company has appropriate material and personal conditions.

Test Report no.: E122/1248/2023

Specifications: **Manufacture and installation of pressure equipment, pipelines and steel structures. Also the scope of approval based on the valid welding procedure qualifications is given in the list of all welding procedure tests.**

Valid until: 19.07.2026

(First issue of the Certificate: 21.08.2014)

Budapest, 25.07.2023


Gyula Paluska
Certifier

TÜV Rheinland InterCert Kft.
Industrial Services Division



TÜV Rheinland InterCert Kft. Ipari szolgáltatások üzletág – H-1143 Budapest, Gizella út 51-57.
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MS-0047879 Melléklet-2

1 / 2

Rev.0

Certificate

according to Decree 8/2018.(VIII.17.) ITM

Certificate no.: 8/18 20 1157

Name and address of the manufacturer:

Andritz Ltd.
Dózsa telep 69.
6060 Tiszakécske
Hungary

The manufacturer complies with the requirements of this Regulation and meets the requirements for the manufacture, assembly, conversion and repair of welded constructions.

The manufacturer meets the qualitative requirements for welding according to MSZ EN ISO 3834-2:2021 Decree included in 4. §, from the 8/2018.(VIII.17.) ITM Decree.

The manufacturer meets the personal, material and technological requirements according to 4. §.

Test Report no.: E 122/1248/2023

Scope: The scope of approval based on the valid welding procedure qualifications is given in the list of all welding procedure tests.

Valid until: 19.07.2026
(First issue of the Certificate: 18.08.2020)

Budapest, 25.07.2023



Gyula Paluska
Certifier

TÜV Rheinland InterCert Kft.
Industrial Services Unit
No. of Authorisation:
BP/0102/1376-1/2021



TÜV Rheinland InterCert Kft. Ipari szolgáltatások üzletág – H-1143 Budapest, Gizella út 51-57.

tel.: +36-1/4611-100; fax: +36-1/4611-199; e-mail: tuv@hu.tuv.com; honlap: www.tuv.hu

MS-0047880 Melléklet-2

1 / 1

Rev.0

Certificate

according to Decree No. 44/2016. (XI. 28.)
of the Ministry of Economy and Directive
No. 2014/68/EU Module G, B+F

Certificate no.: G 23 1053

Name and address of the
manufacturer:

Andritz Ltd.
Dózsa telep 69.
6060 Tiszakécske
Hungary

The TÜV Rheinland InterCert Kft. Certification Body hereby certifies, that the result of inspection and approval has been carried out at the Manufacturer according to the decree No. 44/2016. (XI. 28.) of the Ministry of Economy and the Unit-Verification module G and B+F of European Directive 2014/68/EU, meet the requirements of these obligations and all manufacturing, including quality requirements of welding, possesses appropriate personnel and objectives, and operates a quality management system according to above mentioned obligations.

Regulation:

Manufacturer shall involve a notified body into the acceptance of the product.

**decree No. 44/2016. (XI. 28.) of the Ministry of
Economy / European Directive 2014/68/EU module G
and B+F,**

EN ISO 3834-2:2021, EN 13445, EN 13480, AD-2000

Mbl.: HP Series

E122/1249/2023

Audit report No.:

Scope of validity:

Planning, manufacturing and assembling of pressure equipments, pipelines and steel structures.

Plant:

Andritz Ltd.
Dózsa telep 69.
6060 Tiszakécske
Hungary

Validity:

19.07.2026

Budapest, 25.07.2023



Gyula Paluska
Certifier
TÜV Rheinland InterCert Kft.
Industrial Services Unit

TÜV Rheinland InterCert Kft. Ipari szolgáltatások üzletág – H-1143 Budapest, Gizella út 51-57.

tel.: +36-1/4611-100; fax: +36-1/4611-199; e-mail: tuv@hu.tuv.com; honlap: www.tuv.hu

MS-0047881 Melléklet-2

1 / 1

Rev.0



TANÚSÍTVÁNY

Az felkészítőhely benyújtott leírása és az általunk lefolytatott vizsgálatok szerint

ANDRITZ Kft.

6060 Tiszakécske, Dózsa telep 69.

vállalat (intézmény) helye, címe

a Magyar Hegesztéstechnikai és Anyagvizsgálati Egyesülés eljárásrendje szerint

ALKALMAS

a fémhegesztők minősítő vizsgára való felkészítésre¹ a következő jellemzőkkel.

Hegesztési eljárások: **111, 114, 121, 131, 135, 136, 138, 141, 141NGW
311, 52**

Alapanyag csoportok: **1 – 11, 21-26, 41-48, 51-54 (ISO/TR 15608)**

Az felkészítőhely felelős vezetője: **Mezei Károly**

Az felkészítőhely helyettes vezetője: **Csöke Róbert**

A tanúsítvány száma: **074/2023-10.**

A tanúsítvány érvényessége: **2026. 02. 21.**

A kiállítás kelte: **2023. 02. 22.**

A tanúsítvány a mellékletben
foglalt korlátozásokkal érvényes.

Az ellenőrzést végző neve:**Benus Ferenc**.....



aláírása:

A tanúsító szervezet

nevében aláíró neve:**Gayer Béla**.....



aláírása:

¹ A műszaki szabvány vagy szabályozás szerinti tevékenység (EN ISO 9606, EN ISO 14732)

Melléklet

az oktató/felkészítőhely 074/2023-10.sz. alkalmasság tanúsításához

1. Korlátozások részletezése:

Egyidőben gyakorlati oktatásban részesíthetők száma:

111-es eljárás	9 fő
121-es eljárás	2 fő
131, 135, 136,138,114-es eljárás	7 fő
141-es eljárás	6 fő
141NGW eljárás	2 fő
52-es eljárás	3 fő
311-es eljárás	4 fő

2. Az oktató/felkészítő személyzet

Elméleti oktató:

Ádám Zsolt hegesztési felelős EWE/IWE

Gyakorlati oktató:

Bajzáth István VGYO, FGYO, BGYO, GGYO hegesztő oktató

Csíkó Zoltán IWP, hegesztő mester, hegesztő szakoktató

3. Vizsgálóhely

Vizsgáló laboratórium: DUNAFERR Labor Nonprofit Kft.

Akk. okirat száma: NAH-1-1798/2016

4. A hegesztés tárgyi feltételei

Hegesztőgép:	111-es eljáráshoz	13 db
	121-es eljáráshoz	5 db
	131, 135-138, 114-es eljáráshoz	7 db
	141-es eljáráshoz	6 db
	131, 135-138, gépesített eljáráshoz	3 db
	141NGW eljáráshoz	1 db
	52-es (laser) eljáráshoz	3 db
Hegesztő felszerelés	311-es eljáráshoz	4 klt.

