

PED ASSEMBLIES FACTORY TESTED

For the manufacturing plant of industrial products, Unical has:

Module B

Type of production certification

Module D

Conformity to type based on quality assurance of the production process

These certifications, therefore, allow to realize PED assemblies tested at the production site under a certified PED Quality System, valid for all boilers in the BAHR ranges:

BAHR'UNO (and BAHR'UNO CB)

BAHR'12

BAHR'12 3G

Expected, shortly, the extension to additional ranges of boilers.

In the case of Assemblies conducted without continuous supervision up to a maximum of 24/72 hours, when the practice comes instructed by Unical, the Mod. B + F regime applies.

CERTIFICATE
EU-Type examination – production type

Module B
according to Directive 2014/68/EU
Certificate No.: 19/382-ET19575
Category: IV

Name and Address of Manufacturer: UNICAL AG SpA, Via Roma 123, 46033 Castel D'Ario (MN)

Description: Steam Generator BAHR'UNO e BAHR'12 as Annex 2
See Annex 2

Corrosion Allowance (mm):	N.A.	BAHR'12
Allowable Pressure (PS),min/ max. (bar):	Atm / 0,98	N.A.
Allowable Temperature (TS), (°C):	-10 / 119,6	Atm / 12;13
Volume(L):	N.A.	-10 / 191,7;150
Fluid:	Gas Gr.2 - Steam	N.A.
		Gas Gr.2 - Steam

Safety devices : See Annex 2

Integration Test (Pneumatic): At operating conditions
Pressure Test (bar): c/o Via Roncada
Place of final assessment: 46021 - Borgocarbonara (MN)

Validity: 17/06/30
It is hereby certified, that above mentioned project of assembly satisfies the requirements of Pressure Equipment Directive 2014/68/EU

This certificate is issued according to the available documentation nearby the Notified Body (Annex "I")
Legnano, 17/06/20 CONSORZIO EUROPEO CERTIFICAZIONE

ACCREDITIA
MEMBRO DEGLI ACCORDI DI MUTUO RICONOSCIMENTO EA, IAF e ILAC

THE GOVERNING BODY
The Technical Director (A. FUGAZZI) The General Director (L. TIMOSSÌ)

CEC - CONSORZIO EUROPEO CERTIFICAZIONE S.C.A.R.L.
Sede Legale e Uffici: Via Pisacane, 46- 20025 LEGNANO (MI) Italy - tel. (+39) 0331 - 442266- fax (+39) 0331- 442054

Module B Certificate

CERTIFICATE
MODULE D: CONFORMITY TO TYPE BASED ON QUALITY ASSURANCE OF THE PRODUCTION PROCESS

According to Directive 2014/68/EU
Certificate N.: 19/382-QP19576
Category: IV

Nome e Indirizzo del Fabbricante: UNICAL AG SpA, Via Roma 123, 46033 Castel D'Ario (MN)

It is hereby certified, that the manufacturer had introduced and applies a quality system according to Directive 2014/68/EU. The manufacturer is authorised, to affix the following sign to those equipment or assembly he produced in the range of validity of this QA-system

CE 1131

Pressure equipment description	Insiemi "Caldie ad uso industriale" come da Certificato di Conformità CE Mod. B 19/382-ET19575
Last Audit Report No	19/382-RA002 on 17/06/2020
Production site:	c/o UNICAL AG SpA, Via Roncada, 46021 Borgocarbonara (MN)
First issue date	20/06/2020
Renewal date	--
Expiry date	19/06/2023

Legnano, 20 June 2020 CONSORZIO EUROPEO CERTIFICAZIONE

ACCREDITIA
MEMBRO DEGLI ACCORDI DI MUTUO RICONOSCIMENTO EA, IAF e ILAC

THE ISSUING BODY
Il Direttore Tecnico (A. FUGAZZI) Il Direttore Generale (L. TIMOSSÌ)

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Module D Certificate

The certifications obtained by Unical are much more than simple pieces of paper due to regulations. The certificates, often obtained in advance of other operators in the sector, prove Unical's serious commitment to the constant search for quality and safety in every business area, at the highest levels, as well as updating to all current regulations.

As for the products, the company is also a model of fairness and professionalism to be followed, the production and management procedures are implemented in order to guarantee the best service to the end user, starting from any production and commercial area.

Unical is, by its own nature, at the forefront in compliance with procedures suitable for occupational safety, especially considering the delicate sector to which it belongs. The protection of the environment is also very important. Attention to the work environment, as well as to the environment in the broader sense, attention to waste, to the use of recyclable packaging, to the reduction of paper supports and to all those things that contribute

to an improvement in the quality of life of each of us, are not second to Unical's constant research on the product aimed at obtaining the maximum reduction of harmful emissions in the face of better yields.

Approvals and updates are established practices and this happens not only for products distributed on the Italian market, but also, with the pride of excelling in this area, for all products distributed abroad, including markets often considered difficult and complicated by many competitors, not as attentive to the compatibility of their products with the regulations in force in other states.

To confirm this, Unical is proud to have been the first company in the sector to obtain CE marking throughout Europe, back in 1993, just as it is great satisfaction, after having worked with determination and commitment, being the first in Europe to have achieved in 2017 UL's CTDTP authorization valid for the American and Canadian markets.



Unical was the first company in Europe authorised to use the CE mark for boilers (January 1993)

- **UNI EN ISO 9001:2015** Quality Management System
- **UNI EN ISO 14001:2015** Environment Management System
- **UNI EN ISO 45001:2018** Management system of health and safety at workplace
- **Modello di organizzazione gestione e controllo** Legislative Decree 231/2001
- **ASME Stamp H** Production for the NORTH AMERICAN market in accordance with the ASME BPVC Section IV code
- **EAC** Russia - Belarus - Kazakhstan
- **GASKEUR SV-HR 107** Holland
- **HR TOP** Belgium
- **SELO** China

CERTIGAZ

**AUTORISATION DE LABORATOIRE
LABORATORY AUTHORIZATION**

LAB CE GAZ 009

Renouvellement 1

UNICAL AG SpA
Via Padana Inferiore, 52/C
I – 29012 CAORSO (PC)
ITALIE

His laboratory is authorized by CERTIGAZ for testing of products according to the CE Marking Rules (available at CERTIGAZ or on the website www.certigaz.fr) and to the SLAB100 Specifications -authorization of laboratory of fabricant- based on the norme NF EN ISO/CEI 17025.

Cette autorisation est valable jusqu'au 19 octobre 2021
This authorization is valid until October 19th, 2021

Fait à Neuilly sur Seine, le 04 octobre 2017

Vincent DELARUE
Directeur Général

CE 1312

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CERTIGAZ SAS - 8, rue de l'Hotel de Ville - F 92200 Neuilly-sur-Seine - Tél. : +33 (0)1 80 21 07 40 - Fax : +33 (0)1 80 21 07 93
info@certigaz.fr - www.certigaz.fr

Quality system of the testing laboratory according to the Standard ISO/IEC 17025:2018

ACCREDIA Bureau Veritas Italia SpA is a Notified Body under the number 1370

CERTIFICATE OF APPROVATION DEL SISTEMA DI QUALITÀ
CERTIFICATE OF QUALITY SYSTEM APPROVAL

N° CE-1370-PED-D-UNC 001-18-ITA-rev-E

Bureau Veritas Italia SpA, agendo nell'ambito della sua attività (numero dell'organismo notificato: 1370) attesta che il sistema di qualità applicato dal fabbricante per la produzione, per l'ispezione finale e per le prove sull'attrezzatura a pressione identifica di seguito è stato esaminato secondo le prescrizioni del modulo D dell'allegato III della direttiva « Attrezzature a Pressione » n. 2014/68/UE ed è conforme alle disposizioni della Direttiva.

Produttore (Nome)	UNICAL AG S.p.A
Indirizzo / Address	Via Roncada, 81 Loc. La Carbonara di Po 46020, BORGOCARBONARA, Italy
Nome - Marchio commerciale / Trading Name - Mark	UNICAL AG S.p.A Unical AG S.p.A.
Descrizione dell'attrezzatura / Equipment description	Pressure Equipment

Questo certificato scade il (gg/mm/aaaa) 24/07/2021

L'approvazione è subordinata agli audit di sorveglianza, visite, prove e verifiche condotte da Bureau Veritas Italia SpA che ha stipulato un contratto con il fabbricante, in base alle disposizioni di tale contratto.

Fatto a / Made at	Il (gg/mm/aaaa) / Approved and Registered in	Firmato da / Signed by	Firma autorizzata dall'Organismo Notificato / Signature Author.
PADOVA	02/11/2020	Italy	CLAUDIO CUSIMANO

Il presente documento è soggetto ai termini delle Condizioni Generali di Vendita allegati al contratto firmato dal cliente con Bureau Veritas Italia SpA.

File n°: 18.IT.3205031.138 Cnr: P5164/20/CC/icc

Quality system for the production of pressure equipment MODULE D (PED)

UL LLC
DATA ACCEPTANCE PROGRAM
CERTIFICATE OF QUALIFICATION

UNICAL AG SPA
Via Padana Inferiore 52/C Caorso, Pz, 29012 Italy

CLIENT TEST DATA PROGRAM

File DA2304

CTDP 2017-2018	CTDP 2018-2019	CTDP 2019-2020
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Autorizzazione UL CTD for the Caorso Laboratory

**中华人民共和国
特种设备制造许可证**
Manufacture License of Special Equipment
People's Republic of China
(锅炉) (Boiler)

No. TS2100D66-2022

公司/ Company: 意大利优尼卡股份有限公司
Unical AG S.p.A
单位地址/ Register Address: Castelnuovo (MN) Via Roma 123 cap. 45033, Mantova, Italy
制造地址/ Manufacture Address 1: Carbonara Po, Via Roncada, 81 46020 Carbonara PO-Mantova, Italy
制造地址/ Manufacture Address 2: Caorso 29012 Caorso (PC), Via Padana Inferiore, 52/C Piacenza, Italy

经审查, 获准从事下列锅炉的制造:
Has been audited and approved to manufacture the Boilers within the scope as:

锅炉 B/ Boilers B
地址 1: 蒸汽锅炉, 热水锅炉
Manufacture Address 1: Steam Boilers and Hot Water Boilers
地址 2: 压铸铝热水锅炉总装
Manufacture Address 2: Cast Aluminum Hot Water Boiler Assembly Only

发证机关: 发证机关
Approval/Issue Organ: General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China
有效期至: 2022年01月08日
Date of Expiration: Jan. 8, 2022

SELO Certification for the construction of boilers and pressure vessels according to the "Chinese Manufacturing System"

«АКВА-ТЕРМ ПРОФИ»
VIII ежегодная премия

Диплом лауреата 2011 г.

В НОМИНАЦИИ
«За продвижение новых технологий»

Unical

Организатор: АКВАТЕРМ При поддержке: AQUA-THERM, IFT, Reed Exhibitions

AWARD RUSSIA Acknowledgment to Unical for the introduction of the breakthrough technology in Russia