



Strojírenský zkušební ústav, s.p., Brno, Česká republika
Oznámený subjekt identifikační číslo 1015
Engineering Test Institute, Public Enterprise, Brno, Czech Republic
Notified Body Identification Number 1015

CERTIFIKÁT EU PŘEZKOUŠENÍ TYPU **EU TYPE-EXAMINATION CERTIFICATE**

podle nařízení Evropského parlamentu a Rady (EU) 2016/426 ze dne 9. března 2016 o spotřebičích
plynných paliv
*pursuant to Regulation (EU) 2016/426 of the European Parliament and of the Council
of 9 March 2016 on appliances burning gaseous fuels*

Číslo:
Number:

1015-GAR-01072-19

Výrobce:
Manufacturer:

Gassero Isi Teknolojileri Sanayi Limited Şirketi
İstanbul Endüstri ve Ticaret Serbest Bölgesi
4. Sokak, Parsel No. 110, 34957 Tuzla, İstanbul
Turecko – Turkey

Identifikační číslo výrobku:
Product ID number:

CE-1015CU0726

Výrobek:
Product:

Kotel teplovodní kondenzační na plyná paliva
Condensing hot-water boiler burning gas

Typové označení:
Type designation:

GASSERO, ECOLUX, VESSEN, MEKSİS

Identifikace schváleného typu:
Identification of approved type:

je uvedena na 2. straně
see Page 2

Hodnoticí zpráva:
Evaluation Report:

Závěrečný protokol č. 30-13868/TZ ze dne 2019-03-29
Final Report 30-13868/TZ of 2019-03-29

Strojírenský zkušební ústav, s.p., oznámený subjekt identifikační číslo 1015 potvrzuje, že předmětný výrobek splňuje požadavky podle bodu 1.4 Přílohy III nařízení Evropského parlamentu a Rady (EU) 2016/426 (modul B: EU přezkoušení typu). Výsledky činností provedených oznámeným subjektem jsou obsaženy v citovaném závěrečném protokolu (tj. hodnoticí zprávě). Údaje nezbytné k identifikaci schváleného typu jsou uvedeny na 2. straně tohoto certifikátu. Pravidla pro nakládání s certifikátem a podmínky jeho platnosti jsou uvedeny na 3. straně.

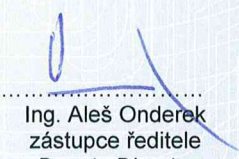
Tento certifikát je platný nejpозději **do 2029-04-02**.

The Engineering Test Institute, Public Enterprise, Notified Body Identification Number 1015 hereby attests that the product concerned meets the requirements referred to in point 1.4 of Annex III of Regulation (EU) 2016/426 of the European Parliament and of the Council (Module B: EU type-examination). The results of the activities carried out by the Notified Body are contained in the cited Final Report (i.e. evaluation report). The data necessary for identification of the approved type are stated on Page 2 of this Certificate. The rules for using the Certificate and conditions of its validity are defined on Page 3.

This Certificate is valid until 2029-04-02.

Brno, 2019-04-03




Ing. Aleš Onderek
zástupce ředitele
Deputy Director

1015-GAR-01072-19, Strana – Page 1/3



**Identifikace schváleného typu / Identification of the approved type:****Výkresy / Drawings:****Drawing documentation:**

- general drawing of the boiler for models Alubox 208, Alubox 290
 - general drawing of the boiler for model Alubox 540 and Alubox 700
 - general drawing of the boiler for model Alubox 1100
 - drawing of boiler assembly for models Alubox 208
 - drawing of boiler assembly for models Alubox 290
 - drawing of boiler assembly for model Alubox 540
 - drawing of boiler assembly for model Alubox 700
 - drawing of boiler assembly for model Alubox 1100 (S)
- Installation, user and service manual

Specifikace kotlů / Specification of the boilers:

Trade mark	GASSERO	ECOLUX	VESEN	MEKSIS
Model	Alubox 208	Ecodens 208	ARYA AL 208	Alu-Mek 208
	Alubox 290	Ecodens 290	ARYA AL 290	Alu-Mek 290
	Alubox 540	Ecodens 540	ARYA AL 540	Alu-Mek 540
	Alubox 700	Ecodens 700	ARYA AL 700	Alu-Mek 700
	Alubox 1100	Ecodens 1100	ARYA AL 1100	Alu-Mek 1100
	Alubox 1100 S	Ecodens 1100 S	ARYA AL 1100 S	Alu-Mek 1100 S

Technická data kotlů / Technical data of the boilers:

Model	Nominal heat output at 50/30 °C [kW]	Dimensions [mm]	Max. operating temperature [°C]	Max. operating pressure [bar]	Weight [kg]
Alubox 208	207,7	635x1423x1351	90	6,0	205
Alubox 290	286,5	635x1423x1351	90	6,0	240
Alubox 540	540	830x1570x1630	90	6,0	456
Alubox 700	700	830x1570x1630	90	6,0	510
Alubox 1100	1100	890x1970x1630	90	6,0	630
Alubox 1100 S	999,1	890x1970x1630	90	6,0	630

Připojovací podmínky / Supply conditions:

Type	Product category	Supply pressures [mbar]	Gas used	Country of destination
B ₂₃	I _{2H}	20	G20	AT, BG, CH, CZ, DK, EE, ES, FI, GB, GR, IE, IT, LT, LV, NO, PT, RO, SE, SI, SK, TR
	I _{2E}	20	G20	DE, LU, PL, RO
	I _{2H}	25	G20	HU



PRAVIDLA PRO NAKLÁDÁNÍ S CERTIFIKÁTEM A PODMÍNKY JEHO PLATNOSTI

Splnění požadavků nařízení Evropského parlamentu a Rady (EU) 2016/426 bylo odvozeno ze splnění požadavků použitých norem, které jsou uvedeny v závěrečném protokolu (tj. hodnotící zprávě). Novelizace některého z uvedených normativních dokumentů, zejména novelizace norem nebo vydání nových norem, může změnit skutečnosti, za kterých byl certifikát vydán. V takovém případě je třeba použitelnost certifikátu přezkoumat.

Oznámený subjekt dbá na to, aby byl informován o všech změnách obecně uznávaného stavu techniky, které by naznačovaly, že schválený typ již nemusí být v souladu s příslušnými požadavky tohoto nařízení, a rozhodne, zda tyto změny vyžadují doplňující šetření. Pokud šetření vyžadují, oznámený subjekt o tom informuje výrobce.

Výrobce informuje oznámený subjekt, který uchovává technickou dokumentaci týkající se certifikátu EU přezkoušení typu, o všech úpravách schváleného typu, které mohou ovlivnit shodu spotřebiče nebo vybavení se základními požadavky tohoto nařízení nebo podmínky platnosti certifikátu. Tyto úpravy vyžadují dodatečné schválení formou dodatku k původnímu certifikátu EU přezkoušení výrobního typu.

Certifikát se může používat pouze jako certifikát výrobku, jehož specifikace je uvedena na 1. a 2. straně. To platí i pro použití v reklamních, propagačních a komerčních materiálech. Neoprávněné nebo klamavé použití certifikátu může být sankcionováno.

Je zakázáno měnit, doplňovat nebo přepisovat údaje v certifikátu.

Certifikátem nelze dokládat vlastnosti výrobku, u kterého byla provedena bez souhlasu Strojírenského zkušebního ústavu, s.p., změna ovlivňující shodu s použitými normami a technickými předpisy.

Certifikační orgán požaduje, aby držitel certifikátu vedl záznamy o všech stížnostech a opatřeních k nápravě, které se týkají výrobků, na něž se vztahuje tento certifikát.

RULES FOR USING THE CERTIFICATE AND CONDITIONS OF ITS VALIDITY

Fulfilment of the requirements of Regulation (EU) 2016/426 of the European Parliament and of the Council has been derived from fulfilment of the requirements of the applied standards that are listed in the Final Report (i.e. evaluation report). Amendment of any of the mentioned normative documents, in particular amendments of standards or issuance of new standards, may change the facts and conditions, under which the present Certificate has been issued. In such a case, the applicability of the Certificate must be reviewed.

The Notified Body shall keep itself informed of any changes in the generally acknowledged state of the art, which indicate that the approved type may no longer comply with the applicable requirements of this Regulation, and shall decide whether such changes require further investigation. If so, the Notified Body shall inform the Manufacturer accordingly.

The Manufacturer shall inform the Notified Body that holds the technical documentation relating to the EU type-examination certificate of all modifications to the approved type that may affect the conformity of the appliance or fittings with the essential requirements of this Regulation or the conditions for validity of the Certificate. Such modifications shall require additional approval in the form of an addition to the original EU type-examination certificate – production type.

This Certificate may only be used as a certificate for the product specified on Pages 1 and 2. This also applies to its use in advertising, promotional and commercial materials. Unauthorised or deceptive use of the Certificate may be sanctioned.

It is prohibited to change, amend or overwrite the data contained in the Certificate.

The Certificate may not be used for documenting the properties of the product changed without the consent of the Engineering Test Institute, Public Enterprise, in such a way that conformity with the applied standards and technical regulations has been affected.

Certification Body requires the holder of this Certificate to keep records of all the complaints and corrective actions relating to the products covered by this Certificate.





Strojírenský zkušební ústav, s.p., Brno, Česká republika
Notifikovaná osoba 1015
Engineering Test Institute, Public Enterprise, Brno, Czech Republic
Notified Body 1015

CERTIFIKÁT ES PŘEZKOUŠENÍ TYPU **EC TYPE-EXAMINATION CERTIFICATE**

podle směrnice 92/42/EHS (účinnost teplovodních kotlů)
pursuant to Directive 92/42/EEC (Boiler efficiency)

Číslo:
Number: **1015-BED-01071-19**

Držitel certifikátu – výrobce:
Owner of Certificate – Manufacturer:

Gassero Isi Teknolojileri Sanayi Limited Şirketi
İstanbul Endüstri ve Ticaret Serbest Bölgesi
4. Sokak, Parsel No. 110, 34957 Tuzla, Istanbul
Turecko – Turkey

Výrobky:
Products:

Kotle teplovodní kondenzační na plynná paliva
Condensing hot-water boilers burning gas

Typové označení:
Type designation:

GASSERO, ECOLUX, VESSEN, MEKSIS
viz 2. strana / see Page 2

Podklad pro vydání certifikátu:
Basis of Certificate issuance:

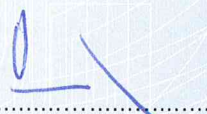
Závěrečný protokol č. 30-13868/TZ ze dne 2019-03-29
Final Report 30-13868/TZ of 2019-03-29

Strojírenský zkušební ústav, s.p., Notifikovaná osoba 1015, potvrzuje, že výše uvedené výrobky splňují požadavky na účinnost kotlů podle směrnice 92/42/EHS (nařízení vlády č. 25/2003 Sb.). Nedílnou součástí certifikátu je závěrečný protokol, který obsahuje závěry zkoušky, údaje pro identifikaci schváleného typu a seznam příslušné části technické dokumentace.

Strojírenský zkušební ústav, s.p. (Engineering Test Institute, Public Enterprise), Notified body 1015, hereby confirms that the above-mentioned products fulfil the efficiency requirements for boilers according to Directive 92/42/EEC (Government Regulation 25/2003 Coll.). An integral part of the Certificate is the Final Report comprising verification findings, data on approved type identification and the list of the relevant part of the technical documentation.

Brno, 2019-04-03




Ing. Aleš Ondereš
zástupce ředitele
Deputy Director



Specifikace kotlů
Specification of the boilers:

Trade mark	GASSERO	ECOLUX	VESSEN	MEKSIS
Model	Alubox 208	Ecodens 208	ARYA AL 208	Alu-Mek 208
	Alubox 290	Ecodens 290	ARYA AL 290	Alu-Mek 290





Strojírenský zkušební ústav, s.p.
(Engineering Test Institute, Public Enterprise)
Hudcova 424/56b, Medlánky, 621 00 Brno, Czech Republic
Product Certification Body, Notified Body 1015

Page 1 of 6

REPORT ON EU SURVEILLANCE
of an approved Quality System
pursuant to Regulation (EU) 2016/426, Annex III, Point 3.4 (MODULE D)
and
Directive 92/42/EEC, (Government Regulation 25/2003 Coll.)
No. 40-12866/1

Product: Condensing Premix Hot Water Boiler

Type designation: see chapter I.

Versions: see chapter I.

Customer: Gassero Isi Teknolojileri Sanayi Limited Şirketi
4. Sokak, No: 8
34957 Tuzla, Istanbul
TURKEY

Manufacturer: Gassero Isi Teknolojileri Sanayi Limited Şirketi
İstanbul Endüstri ve Ticaret Serbest Bölgesi
4. Sokak, Parsel No. 110
34957 Tuzla, Istanbul
Turkey

Manufacturing plant: Gassero Isi Teknolojileri Sanayi Limited Şirketi
İstanbul Endüstri ve Ticaret Serbest Bölgesi
4. Sokak, Parsel No. 110
34957 Tuzla, Istanbul
Turkey

Report issue date: 2024-03-05
Audited period: 03/2023 ÷ 02/2024

Distribution list: 1 copy to the Customer
1 copy to the Engineering Test Institute

Verification of conformity of products with the type described in EU type-examination certificate has been carried out pursuant to Act 90/2016 Coll., on conformity assessment of products when made available on the market, as amended, and in accordance with the Manufacturer's choice pursuant to REGULATION (EU) 2016/426 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 9 March 2016 on appliances burning gaseous fuels and repealing Directive 2009/142/EC (procedure pursuant to Annex III, Point 3 – MODULE D) and Directive 92/42/EEC (procedure pursuant to Annex IV, module D, Point 3.3) hereinafter called BED.

Conformity assessment procedure: according to Annex III, Point 3, Module D, Regulation (EU) 2016/426 and Annex IV, module D, Point 3.3, Directive 92/42/EEC.

I. Initial source materials for performance of audit

GAR certificates

Product Identification Number (PIN)	Product	Type	SZU Certificate no.
CE-1015CS0578	Premix condensing hot-water boiler burning natural gas (G20)	See the certificate	E-30-01009-17
CE-1015CT0597	Condensing hot-water boiler burning natural gas (G20)	See the certificate	E-30-00170-18
CE-1015CU0724	Condensing hot-water boiler burning natural gas (G20)	See the certificate	1015-GAR-00098-19
CE-1015CU0725	Condensing hot-water boiler burning natural gas (G20)	See the certificate	1015-GAR-00097-19
CE-1015CT0637	Hot-water boilers burning gas	See the certificate	E-30-00490-18-rev. 1
CE-1015CT0636	Hot-water boilers burning gas	See the certificate	E-30-00489-18
CE-1015CU0726	Condensing hot-water boiler burning gas	See the certificate	1015-GAR-01072-19
CE-1015CT0639	Condensing hot-water boiler burning natural gas (G20)	See the certificate	E-30-00492-18
CE-1015CT0638	Condensing hot-water boiler burning natural gas (G20)	See the certificate	E-30-00491-18

Previous audit was approved by Kiwa Nederland B.V – Report No. E 2452 of 4.2.2023

BED certificates

Product Identification Number (PIN)	Product	Type	SZU Certificate no.
-	Premix condensing hot-water boiler burning natural gas (G20)	See the certificate	E-30-01303-17
-	Hot-water boilers burning gas	See the certificate	E-30-00878-18 -rev. 1
-	Hot-water boilers burning gas	See the certificate	E-30-00883-18
-	Condensing hot-water boiler burning gas	See the certificate	1015-BED-01071-19
-	Condensing hot-water boiler burning natural gas (G20)	See the certificate	E-30-01319-15-rev. 1
-	Condensing hot-water boiler burning natural gas (G20)	See the certificate	E-30-00574-18

Previous audit was approved by Kiwa Nederland B.V – Report No. E 2452 of 4.2.2023

II. Objectives, method and scope of the quality system audit

The audit objective has been to ascertain whether the Manufacturer takes all actions necessary to assure that the production process including the final inspection, tests of finished product before shipment and the method of placing the products on the market ensures conformity of the appliances with the type described in the EU type-examination certificate and with the essential requirements of the EU Regulation, and whether the Manufacturer duly fulfills its obligations arising out of the approved quality system.

The Notified Body has carried out the audit of the production quality assurance system pursuant to Regulation (EU) 2016/426, procedure pursuant to Annex III, Point 3.4 and and Directive 92/42/EEC (procedure pursuant to Annex IV, module D, Point 3.3) at the manufacturing plant:
 Gassero Isi Teknolojileri Sanayi Limited Şirketi, İstanbul Endüstri ve Ticaret Serbest Bölgesi, 4. Sokak, Parsel No. 110, 34957 Tuzla, İstanbul, Turkey

Person who performed the quality system audit:

Test Engineer of the SZU in Brno Heat and Environment-Friendly Equipment Test Station: Bc. Jan Hnilica

III. Quality system audit – Results

- Point 3.4, Annex III Module D, Regulation (EU) 2016/426 and Directive 92/42/EEC (procedure pursuant to Annex IV, module D, Point 3.3)

Required technical documentation	Submitted documentation	Evaluation *)		
		C	NC	O
Quality management system documentation: a) The quality system documentation	- Quality manual KEK-001 rev.3 - Organizational structure ORG-01 rev.2 - Job description OEK rev. 4 - Quality goals 2023 - Documentation procedure PR.07.06 rev.5 - Control procedure of non-conforming product PR.08.07 rev.1 - Boiler control plan – PL.022 - List of external documentation LS.002 ver.4 - Internal audits - Product design and development PR.08.03 ver.2 - Design change process flowchart PS.006 - Control plan PL.021 - Inspection and Test procedure PR.08.08 rev.5 - Income control instructions TA.033 - Purchasing procedure PR.08.04 rev.5 - Service procedure PR.08.06 rev.3 - Procedure for monitoring and measuring resources PR.07.05 rev.5 - Packaging instructions TA.101 - Storage and shipment flowcharts PS.007 rev.1 and PS.008	☒	☐	☐
b) The quality records, such as inspection reports, and test data, calibration data, qualification reports on the personnel concerned, etc.	- Nomination letter of Mr. Yaşar Saraç - Records of quality goals PL.035 rev.2 - ISO 9001 audit report - product inspection report No. E2452 issued by Kiwa - Announcement to the notified body - Document management list FR.007 rev.4 - Education/ training plan FR.003 for 2023 - Records of training - Personnel skill mapping FR-111 rev. 4 - certificates of welders, NDT test engineers, driving licence - Non-conformity report FR.023 - Internal audit plan FR.147 - Internal audit report FR.005 rev.1 - List of internal auditors LS.015 - Records of tests FR.085 rev.4 and FR.084 - Supplier control plan PL.060 - List of customer complaints LS.011 - Calibration plan PL.007 rev.6 - Calibration sheets (84909.GAR.64, 84909.GAS.23, 232885)	☒	☐	☐
Documentation relating to certified types	- Documentation of the product mentioned on following certificates: 1015-GAR-01072-19, 1015-GAR-00879-20-rev. 1 - drawings, bill of material, reports, DoC	☒	☐	☐

*) Explanation for evaluation:

- C** – conformity (documentation is complete and satisfactory)
NC – nonconformity (documentation is incomplete and/or unsatisfactory)
O – omission (deviation), remove within the set deadline and no later than the next surveillance

If a nonconformity (NC) is detected, a Nonconformity / Nonconformities Record must be issued.

The system is evaluated as satisfactory if no requirement has been classified as „NC“ and if the occurrence of requirements classified as „O“ is less than 20% of all responses.

Notice:

Audit evidence is based on sampling of available information. Therefore, there is an element of uncertainty in the assessment and those acting on the conclusions of the assessment should be aware of this uncertainty.

The long-distance audit may further deepen the uncertainty of sampling.

Evaluation:

Initial records from the audit are set out in Check-list no. 40-12866 of 2024-02-21

All the regulations, documentation and requirements adopted by the manufacturer are documented in a systematic and orderly manner in the form of written policies, procedures and instructions. The quality system documentation shall permit a consistent interpretation of the quality programs, plans, manuals and records.

IV. Conclusion

The Notified Body has audited and assessed the quality system. The quality system **satisfies** the requirements laid down in Regulation (EU) 2016/426, Annex III, Point 3 (MODULE D) and Directive 92/42/EEC (Annex IV, module D, Point 3.3.).

The Manufacturer shall affix to each appliance the conformity mark completed with the identification number of the Notified Body responsible for EU surveillance and last 2 digits (XX) of the year in which the CE marking was affixed:



The Manufacturer shall keep informed the Notified Body, which has approved the quality system, of any updating of the quality system relating to changes induced, for instance, by new technologies and quality concepts. Also the manufacturer should obey these requirements:

- The manufacturer will fulfill the obligations arising out of the quality system as approved and will maintain it so that it remains adequate and efficient.
- The manufacturer shall keep the notified body that has approved the quality system informed of any intended change to the quality system.

At least once in two years, the Notified Body performs an EU surveillance to make sure that the Manufacturer maintains and operates the approved system of quality. In addition, the Notified Body may pay unexpected visits to the Manufacturer.

V. A list of other relevant documentation

- Order D-81211/01 of 2024-01-17
- Contract D-81211/01/40 of 2024-02-06
- Act 90/2016 Coll., on conformity assessment of products when made available on the market, as amended
- REGULATION (EU) 2016/426 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 9 March 2016 on appliances burning gaseous fuels and repealing Directive 2009/142/EC
- Council Directive 92/42/EEC on efficiency requirements for new hot-water boilers fired with liquid or gaseous fuels
- Check-list no. 40-12866 of 2024-02-21
- Documents mentioned in Chapters I and III

Document compiled by:

Bc. Jan Hnilica

Evaluation carried out by:

Bc. Jan Hnilica

Person accountable for correctness and completeness
of the evaluations carried out:

Bc. Jan Hnilica

Person accountable for review:

Ing. Aleš Onderek

Employee responsible:


Ing. Aleš Onderek
Head of Product Certification Department

