CERTIFICATE

Number	KIP-07638 Rev.01	**Replaces**	KIP-07638
Issue date	08-07-2024	**Contract number**	I 7230
Report number	150200348/9	**Scope**	Art.4 of No.813/2013 (2-8-2013) and 92/42/EEC (21-05-1992)
PIN	0476CQ0348	**Module**	B (Type testing)

EC TYPE-EXAMINATION CERTIFICATE (BED/R813)

Kiwa Cermet Italia, notified body for council Directive 92/42/EC, hereby declares that the condensing boiler bodies, type(s):

TAU 100 N OIL, TAU 115 N OIL, TAU 150 N OIL,
TAU 210 N OIL, TAU 270 N OIL, TAU 350 N OIL,
TAU 100 N OIL PRO, TAU 115 N OIL PRO, TAU 150 N OIL PRO,
TAU 210 N OIL PRO, TAU 270 N OIL PRO, TAU 350 N OIL PRO

Manufacturer

RIELLO S.p.A
Via Ing. Pilade Riello, 7
37045, Legnago (VR), Italy

meet the requirements regarding useful efficiencies according **to article 4 of commission regulation (EU) No. 813/2013** and as described in the **Directive 92/42/EEC on efficiency requirements**.

Reference standard:
EN 303-1:2017
EN 303-2:2017

This certificate is only valid in combination with the appendix to this certificate, where specific information and/or conditions are given.

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Organismo Notificato n. 0476
Notified Body nr. 0476

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Date: 09/07/2024 15:32:11

PRD N° 0069PRD

Membro degli Accordi di Mutuo Riconoscimento EA, IAF e ILAC
Signatory of EA, IAF and ILAC Mutual Recognition Agreements

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Report number	150200348/9	**Module**	B (Type testing)
PIN	0476CQ0348		

APPENDIX TO EU TYPE-EXAMINATION CERTIFICATE (BED/R813)

Brand name:
RIELLO

Specifications:
Model(s):
TAU 100 N OIL, TAU 100 N OIL PRO

Condensing boiler:	yes
Range rated:	yes
Low-temperature boiler:	no
B1 boiler:	no
Combination heater:	no (1)

(1) The boiler can be connected to an external tank for the domestic hot water production

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P_4	96,7	kW
At 30 % of rated heat output and low-temperature regime (**)	P_1	n.t.	kW
Useful efficiencies (GCV)			
At rated heat output and high-temperature regime (*)	η_4	91,6	%
At 30 % of rated heat output and low-temperature regime (**)	η_1	98,6	%
Useful efficiencies (NCV)			
At rated heat output and high-temperature regime (*)	η_{100}	97,1	%
At 30 % of rated heat output and low-temperature regime (**)	η_{30}	104,6	%

Efficiency's values have been measured with OIL

(*) High-temperature regime means 60 °C return temperature at heater inlet and 80 °C feed temperature at heater outlet.

(**) Low temperature means for condensing boilers 30 °C, for low-temperature boilers 37 °C and for other heaters 50 °C return temperature (at heater inlet).

(GCV) Calculated values are based on Gross calorific value (reference conditions:15 °C, 1013,25 mbar)

(NCV) Calculated values are based on Net calorific value (reference conditions:15 °C, 1013,25 mbar)

APPENDIX TO EU TYPE-EXAMINATION CERTIFICATE (BED/R813)

Brand name:
RIELLO

Specifications:
Model(s):
TAU 115 N OIL, TAU 115 N OIL PRO

Condensing boiler:	yes
Range rated:	yes
Low-temperature boiler:	no
B1 boiler:	no
Combination heater:	no

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P_4	112	kW
At 30 % of rated heat output and low-temperature regime (**)	P_1	n.t.	kW
Useful efficiencies (GCV)			
At rated heat output and high-temperature regime (*)	η_4	92,1	%
At 30 % of rated heat output and low-temperature regime (**)	η_1	98,8	%
Useful efficiencies (NCV)			
At rated heat output and high-temperature regime (*)	η_{100}	97,7	%
At 30 % of rated heat output and low-temperature regime (**)	η_{30}	104,8	%

Efficiency's values have been measured with OIL

(*) High-temperature regime means 60 °C return temperature at heater inlet and 80 °C feed temperature at heater outlet.

(**) Low temperature means for condensing boilers 30 °C, for low-temperature boilers 37 °C and for other heaters 50 °C return temperature (at heater inlet).

(GCV) Calculated values are based on Gross calorific value (reference conditions:15 °C, 1013,25 mbar)

(NCV) Calculated values are based on Net calorific value (reference conditions:15 °C, 1013,25 mbar)

APPENDIX TO EU TYPE-EXAMINATION CERTIFICATE (BED/R813)

Brand name:
RIELLO

Specifications:
Model(s):
TAU 150 N OIL, TAU 150 N OIL PRO

Condensing boiler:	yes
Range rated:	yes
Low-temperature boiler:	no
B1 boiler:	no
Combination heater:	no

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P_4	146	kW
At 30 % of rated heat output and low-temperature regime (**)	P_1	n.t.	kW
Useful efficiencies (GCV)			
At rated heat output and high-temperature regime (*)	η_4	92,1	%
At 30 % of rated heat output and low-temperature regime (**)	η_1	98,7	%
Useful efficiencies (NCV)			
At rated heat output and high-temperature regime (*)	η_{100}	97,7	%
At 30 % of rated heat output and low-temperature regime (**)	η_{30}	104,7	%

Efficiency's values have been measured with OIL

(*) High-temperature regime means 60 °C return temperature at heater inlet and 80 °C feed temperature at heater outlet.

(**) Low temperature means for condensing boilers 30 °C, for low-temperature boilers 37 °C and for other heaters 50 °C return temperature (at heater inlet).

(GCV) Calculated values are based on Gross calorific value (reference conditions:15 °C, 1013,25 mbar)

(NCV) Calculated values are based on Net calorific value (reference conditions:15 °C, 1013,25 mbar)

APPENDIX TO EU TYPE-EXAMINATION CERTIFICATE (BED/R813)

Brand name:
RIELLO

Specifications:
Model(s):
TAU 210 N OIL, TAU 210 N OIL PRO

Condensing boiler:	yes
Range rated:	yes
Low-temperature boiler:	no
B1 boiler:	no
Combination heater:	no

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P_4	205	kW
At 30 % of rated heat output and low-temperature regime (**)	P_1	n.t.	kW
Useful efficiencies (GCV)			
At rated heat output and high-temperature regime (*)	η_4	92,1	%
At 30 % of rated heat output and low-temperature regime (**)	η_1	98,6	%
Useful efficiencies (NCV)			
At rated heat output and high-temperature regime (*)	η_{100}	97,7	%
At 30 % of rated heat output and low-temperature regime (**)	η_{30}	104,6	%

Efficiency's values have been measured with OIL

(*) High-temperature regime means 60 °C return temperature at heater inlet and 80 °C feed temperature at heater outlet.

(**) Low temperature means for condensing boilers 30 °C, for low-temperature boilers 37 °C and for other heaters 50 °C return temperature (at heater inlet).

(GCV) Calculated values are based on Gross calorific value (reference conditions:15 °C, 1013,25 mbar)

(NCV) Calculated values are based on Net calorific value (reference conditions:15 °C, 1013,25 mbar)

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Report number	150200348/9	**Module**	B (Type testing)
PIN	0476CQ0348		

APPENDIX TO EU TYPE-EXAMINATION CERTIFICATE (BED/R813)

Brand name:
RIELLO

Specifications:
Model(s):
TAU 270 N OIL, TAU 270 N OIL PRO

Condensing boiler:	yes
Range rated:	yes
Low-temperature boiler:	no
B1 boiler:	no
Combination heater:	no

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P_4	264	kW
At 30 % of rated heat output and low-temperature regime (**)	P_1	n.t.	kW
Useful efficiencies (GCV)			
At rated heat output and high-temperature regime (*)	η_4	92,3	%
At 30 % of rated heat output and low-temperature regime (**)	η_1	98,4	%
Useful efficiencies (NCV)			
At rated heat output and high-temperature regime (*)	η_{100}	97,9	%
At 30 % of rated heat output and low-temperature regime (**)	η_{30}	104,4	%

Efficiency's values have been measured with OIL

(*) High-temperature regime means 60 °C return temperature at heater inlet and 80 °C feed temperature at heater outlet.

(**) Low temperature means for condensing boilers 30 °C, for low-temperature boilers 37 °C and for other heaters 50 °C return temperature (at heater inlet).

(GCV) Calculated values are based on Gross calorific value (reference conditions:15 °C, 1013,25 mbar)

(NCV) Calculated values are based on Net calorific value (reference conditions:15 °C, 1013,25 mbar)

APPENDIX TO EU TYPE-EXAMINATION CERTIFICATE (BED/R813)

Brand name:
RIELLO

Specifications:
Model(s):
TAU 350 N OIL, TAU 350 N OIL PRO

Condensing boiler:	yes
Range rated:	yes
Low-temperature boiler:	no
B1 boiler:	no
Combination heater:	no

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P_4	343	kW
At 30 % of rated heat output and low-temperature regime (**)	P_1	n.t.	kW
Useful efficiencies (GCV)			
At rated heat output and high-temperature regime (*)	η_4	92,6	%
At 30 % of rated heat output and low-temperature regime (**)	η_1	98,2	%
Useful efficiencies (NCV)			
At rated heat output and high-temperature regime (*)	η_{100}	98,2	%
At 30 % of rated heat output and low-temperature regime (**)	η_{30}	104,1	%

Efficiency's values have been measured with OIL

(*) High-temperature regime means 60 °C return temperature at heater inlet and 80 °C feed temperature at heater outlet.

(**) Low temperature means for condensing boilers 30 °C, for low-temperature boilers 37 °C and for other heaters 50 °C return temperature (at heater inlet).

(GCV) Calculated values are based on Gross calorific value (reference conditions:15 °C, 1013,25 mbar)

(NCV) Calculated values are based on Net calorific value (reference conditions:15 °C, 1013,25 mbar)

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