CERTIFICATE

Number	KIP-16753/E	**Replaces**	–
Issue date	11-02-2021	**Contract number**	I 7230
Report number	150200348/8	**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 products Condensing boiler bodies, types:

TAU 115 N OIL, TAU 150 N OIL, TAU 210 N OIL, TAU 270 N OIL, TAU 350 N OIL, 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,
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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, EN303-2:2017, EN 303-3:1998, EN 303-3/A2:2004, EN 303-3/AC:2006

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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PRD N° 069B

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Rev.10

Number	KIP-16753/E	**Page**	1 of 5
Issue date	11-02-2021	**Scope**	Art.4 of No.813/2013 (2-8-2013) and 92/42/EEC (21-05-1992)
Report number	150200348/8	**Module**	B (Type testing)
PIN	0476CQ0348		

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

Brand name:
RIELLO

Specifications:
Models:
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	112,0	kW
At 30 % of rated heat output and low-temperature regime (**)	P_1	--	kW
Useful efficiencies			
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	%

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).

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

Number	KIP-16753/E	**Page**	2 of 5
Issue date	11-02-2021	**Scope**	Art.4 of No.813/2013 (2-8-2013) and 92/42/EEC (21-05-1992)
Report number	150200348/8	**Module**	B (Type testing)
PIN	0476CQ0348		

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

Brand name:
RIELLO

Specifications:
Models:
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	146,0	kW
At 30 % of rated heat output and low-temperature regime (**)	P_1	--	kW
Useful efficiencies			
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	%

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).

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

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

Brand name:
RIELLO

Specifications:
Models:
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	205,0	kW
At 30 % of rated heat output and low-temperature regime (**)	P_1	--	kW
Useful efficiencies			
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	%

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).

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

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

Brand name:
RIELLO

Specifications:
Models:
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	264,0	kW
At 30 % of rated heat output and low-temperature regime (**)	P_1	--	kW
Useful efficiencies			
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	%

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).

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

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

Brand name:
RIELLO

Specifications:
Models:
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	343,0	kW
At 30 % of rated heat output and low-temperature regime (**)	P_1	--	kW
Useful efficiencies			
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	%

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).

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