

Fröling Heizkessel- und Behälterbau GesmbH  
Attn. Mr. Dipl.-Ing. Meindlhumer

Industriestraße 12  
A-4710 Grieskirchen

<b>Your reference:</b>	<b>Your message from:</b>	<b>Our Reference:</b>	<b>Date:</b>
		09-U-496/SD 08-UW/Wels-EX-299	12/08/2008
<b>Subject:</b> Drawing check of the wood log boiler type S3 Turbo 28, equipment variant with WOS Manufacturer: Fröling Heizkessel- und Behälterbau GesmbH			

Dear Mr. Dipl.-Ing. Meindlhumer!

According to ÖNORM EN 303-5 it is sufficient for boilers in a product range which has the same constructional design to test only the smallest and largest boiler provided the ratio of the nominal heat output of the smallest to largest boiler is less than or equal to 2:1.

If, however, within the same product range, this ratio is larger than 2:1, then so many intermediate sizes shall be tested that the ration of 2:1 is not exceeded.

The boiler manufacturer shall ensure that all boilers of a product range, even those of a product range which have not been tested, conform to the requirements of ÖNORM EN 303-5. The results of those non-tested boilers are determined by linear interpolation of the results of tested boilers, based on the nominal heat output.

Based on the results of the drawing check, performed on 09/06/2009, we confirm to you that the log wood boiler type S3 Turbo 28 in the equipment variant with WOS technology has the same constructional design as the boiler types S3 Turbo 18 (equipment variant with WOS technology) and S3 Turbo 45 (equipment variant with WOS technology).

The log wood boiler type S3 Turbo 28, equipment variant with WOS technology, has a nominal heat output of 30 kW according to the boiler manufacturer and is part of the S3 Turbo product range of log wood boilers.

According to manufacturer information the boiler product range S3 Turbo is designed and placed in the market without lambda probe with the control S-Tronic of the product family Lambdatronic.

**TÜV AUSTRIA  
SERVICES GMBH**

**Branch office:**  
Am Thalbach 15  
4600 Thalheim bei Wels  
t: +43(7242)441 77-0  
f: direct dial 8205  
e: wels@tuv.at

**Division:**  
Environmental Protection

**Contact:**  
Gerald  
SCHRÖGENDORFER  
Direct dial 8215  
e: sd@tuv.at

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A-1015 Vienna/Austria

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The log wood boiler types S3 Turbo 18 (equipment variant with WOS technology, nominal heat output 22.5 kW according to manufacturer specification) and S3 Turbo 45 (equipment variant with WOS technology, nominal heat output 45 kW according to manufacturer specification) was type tested by us according to ÖNORM EN 303-5.

The results of type tests are given in the reports 08-UW/Wels-EX-299/2 (S3 Turbo 18) and 08-UW/Wels-EX-299/4 (S3 Turbo 45).

The results of the non-tested log wood boiler type S3 Turbo 28 (equipment variant with WOS technology, nominal heat output 30 kW) have to be determined based on the nominal heat output by linear interpolation of the results of the log wood boiler types S3 Turbo 18 (equipment variant with WOS technology, nominal heat output 22.5 kW) and S3 Turbo 45 (equipment variant with WOS technology, nominal heat output 45 kW).

TÜV AUSTRIA SERVICES GMBH  
Test centre Wels  
Division Environmental Protection

The authorized signatory:



Ing. G. Schrögendorfer