

„ITEM Consult”Ltd

Sofia 1220, 8, Istoria Slavianobulgarska Blvd., Bulgaria

CERTIFICATION, TESTING, SUPERVISION OF DEVICES WITH INCREASED RISK

№ДЦ-203/08.04.2024

ASSURANCE

Type Solid fuel pellet boiler with automatic charging
Manufacturer Mareli Systems Ltd; Sofia, Lyulin district, bl. 821, ap.1
Bulgaria

Model SBN 8
Reseller FERROLI POLAND SP. Z.O.O.
Address: Al. W. Korfanteo 138
City / Postal Code: 40-156 Katowice
Country: POLAND
Trade name **BIOPellet PRO 8 kW**

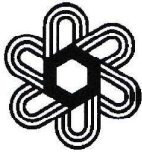
Procedure Testing EN 303-5:2012
TEST RESULTS

Stoking Method: automatic charging

Fuel: pellets Ø 6, cl. A
Test report for the fuel № 14124/26.04.2023, / Eurotest-Control EAD
Italy Class 4 Stelle

Performance **Requirements:**

Nominal output	8.15 kW
CO /10% O ₂ /	160.94 mg/Nm ³
Dust /10% O ₂ /	12.35 mg/Nm ³
OGC /10% O ₂ /	5.96 mg/Nm ³
NOx /10% O ₂ /	94.67 mg/Nm ³



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Efficiency	93.81	%			≥91 %
CO /13% O ₂ /	117.05	mg/Nm ³	79.63	mg/MJ	≤100.00 mg/Nm ³
Dust /13% O ₂ /	8.98	mg/Nm ³	6.11	mg/MJ	≤15.00 mg/Nm ³
OGC /13% O ₂ /	4.33	mg/Nm ³	2.95	mg/MJ	≤10.00 mg/Nm ³
NOx /13% O ₂ /	68.85	mg/Nm ³	46.84	mg/MJ	≤130.00 mg/Nm ³
Reduced output	2.38	kW			
CO /10% O ₂ /	222.68	mg/Nm ³			
Dust /10% O ₂ /	15.15	mg/Nm ³			
OGC /10% O ₂ /	6.98	mg/Nm ³			
NOx /10% O ₂ /	78.73	mg/Nm ³			
Efficiency	95.77	%			
CO /13% O ₂ /	161.95	mg/Nm ³	110.17	mg/MJ	
Dust /13% O ₂ /	11.02	mg/Nm ³	7.50	mg/MJ	
OGC /13% O ₂ /	5.08	mg/Nm ³	3.46	mg/MJ	
NOx /13% O ₂ /	57.26	mg/Nm ³	38.95	mg/MJ	

The present Assurance has been issued on the basis of Test Report № 068/19.02.2024 Rev.1 No DI-197/08.04.2024, issued by the Testing laboratory of Item Consult LTD with Certificate BSA №: 124 LI/22.02.2024 and Public Works of the Republic of Bulgaria in accordance with BS EN ISO / IEC 17025.

2024-04-08

Manager:.....

/M. Sc. L. Vasiliev /

