

TECHNICAL FILE REVIEW REPORT

According to the requirements of Directive M.D. 2006 / 42 / EC

Report Nr: 273.01016 Date: 13.01.2016
Manufacturer: THERMOSTAHL SOLAR
HEATING + SOLAR TECHNIQUES FOR ENVIRONMENT
INDUSTRIAL AREA OF SINDOS C' ZONE P.O.B 1194 57008
SINDOS THESSALONIKI HELLAS

Applicable Design Code: EN 303 - 5: 2012
Description: HEATING BOILER FOR SOLID FUEL MANUALLY AND AUTOMATICALLY
STOKED WITH NOMINAL HEAT OUTPUT OF UP TO 500 KW

Types of Boiler: MULTIPLEX: MCL 15, MCL 23, MCL 35, MCL 47, MCL 58, MCL 69, MCL 81,
MCL 93, MCL 105.
MCL-F 15, MCL-F 23, MCL -F35, MCL-F 47, MCL-F 58, MCL-F 69,
MCL-F 81, MCL-F 93, MCL-F 105.
BIOCHIPS: BIOCHIPS 15, BIOCHIPS 23, BIOCHIPS 35, BIOCHIPS 47,
BIOCHIPS 58, BIOCHIPS 69, BIOCHIPS 81, BIOCHIPS 93,
BIOCHIPS 105.

Technical Characteristics: Maximum Allowable Pressure: 3 bar(g)
Operating Pressure: 2,5 - 3 bar(g)
Hydrostatic Test Pressure: 4 bar(g)
Max .Operating Temperature: 95 °C
Fuel: C1 compressed wood, Pellets according to EN 14962-2
Electrical Connections: V=230Volt, T= 50Hz.

Nominal heat output: MCL 15/15 kW, HL 23/23kW, HL 35/35kW, HL 47/47kW, HL 58/58kW,
HL 69/69kW, HL 81/81kW, HL 93/93kW, HL 105/105kW,
HL-MIX 15/15 kW, HL-MIX 23/23kW,HL-MIX 35/35kW,HL-MIX 47/47kW,
HL-MIX 58/58kW, HL-MIX 69/69kW, HL-MIX 81/81kW, HL-MIX 93/93kW,
HL-MIX 105/105Kw.

Boiler Class: For MCL 23: 4 (CO), 3 (Dust), 3(OGC). For MCL 58: 4 (CO), 3 (Dust), 3(OGC). For MCL
105: 5 (CO), 3 (Dust), 3(OGC) according to measurements of emission limits of the
technical file.
For BIOCHIPS 23: 4 (CO), 3 (Dust), 3(OGC). For BIOCHIPS 58: 4 (CO), 3 (Dust),
3(OGC). For BIOCHIPS 105: 5 (CO), 3 (Dust), 3(OGC) according to measurements of
emission limits of the technical file

Boiler Efficiency Class: 4 For MULTIPLEX according. to measurements of the technical file.
4 For BIOCHIPS according. to measurements of the technical file

Technical File Reference: S.F.B.005-THRM.STHL/MULTIPL-12.15 of 02.12.2015-1st Edition
Inspection Report No: R273.01016 of 13.01.2016

The manufacturer in accordance with Annex VII of the Directive 2006/42/EC and article 12 § 2* has complied and submitted for review to the QMSCERT, the technical construction file of the above mentioned boiler.

*(Guide to application of the Machinery Dir. 2006/42/EC 2nd edition 2010 §128)

The technical construction file was evaluated and found to be in accordance with Annex VII §A .1 of the Directive 2006/42/EC. The present report is an integral part of the technical file of the boiler and cannot be use as certificate.

This report must be kept with its technical documentation by the manufacturer for a period of ten years. The applicant must inform QMSCERT which reviewed the technical documentation of all modifications to the technical file of equipment.

These are subject to additional review where they may affect conformity with the essential requirements or the prescribed conditions for use of the equipment. This additional review will be given in the format of issuing a new report.

This review of the Technical File has been carried out to the best knowledge and ability and our responsibility is limited to the exercise of due care and the results concern only the items inspected.



For QMSCERT



Dimitrios Papadopoulos

Lead Auditor MSc. Dipl. Mechanical Engineer
Level II RT, MT, PT, UT, VT.