

Model Declaration Regarding the Compliance of a Poultry Litter Combustion Chamber with Annex III of the Animal By-Products (EU) Regulation No. 142/2011

Technology Providers Declaration Regarding the Compliance of a poultry litter combustion chamber with Annex III of The Animal By-Products Regulation (EU) No. 142/2011

We Polytechnik Luft- und Feuerungstechnik GmbH HEREBY CERTIFY that boiler type HVR 3.300-19-2 meets the operating requirements set out in Annex III Chapters IV and V of Regulation (EU) No. 142/2011 implementing Regulation (EC) No. 1069/2009 and the provisions of The Animal By-Products (Enforcement) (England) Regulations 2013/The Animal By-Products (Enforcement) (Scotland) Regulations 2013/The Animal By-Products (Enforcement) (Wales) Regulations 2014, as a combustion plant compliant with the requirement to i) raise the temperature of the resultant gas to 850°C for 2 seconds ii) produce emissions below the levels stated in the legislation provided that:

1. The combustion plant is operated only with the auxiliary burners specified below. Set at the fuel flow and air settings specified. These are set to meet the required emission standards specified in the Regulation.
2. No alteration is made to the combustion plant flows and inputs that will affect compliance with the emission standards specified in the Regulation.
3. The combustion plant is operated at all times in accordance with the Technology Providers Operating Instructions.
4. The combustion plant undergoes such regular (at least once annually) servicing as specified in the Technology Providers Operating Instructions. Servicing is to be carried out by a suitably qualified and certified Engineer
5. The temperature measuring equipment and any temperature recording equipment fitted to the combustion plant shall be maintained in proper working order and shall be re-calibrated as specified by the manufacturer. Re-calibration shall be carried out in accordance with instructions contained in the Operating Instructions and to a recognised standard (e.g. UKAS).
6. The bag filters are cleaned at least every seven weeks and replaced every two years according to the manufacturer's instructions.

Technology Providers Company Name:	Polytechnik Luft- und Feuerungstechnik GmbH
Make and model of combustion plant:	HVR3300-19-2
Make and model of auxiliary burner :	Hegwein BD4
Type of auxiliary burner used for start up and shut down operations:	Forced draught gas burner
	Fuel type: LPG
Serial number of auxiliary burner (if applicable):	To be confirmed on build

Jet setting of auxiliary burners:	To be confirmed on build								
Fuel pressure setting auxiliary burner (Gas only):	For low-pressure supplies (<300mBar) EN88-compliant governors with safety diaphragms are used. For high pressure supplies (<4bar) EN334-compliant regulators are used (supplied by EIUK).								
Fuel and air settings of auxiliary burner (powered burners only):	Modulating step motors adjust the output capacity between full and partial load dependent upon demand. The air supply is managed by a certified air / gas pressure ratio control valve (type Dungs, MBC-700-VEF).								
Rated KW and BTU rating of combustion plant:	<table border="1"> <tr> <td>Steam Boiler:</td> <td></td> </tr> <tr> <td>HVR3300-19-2</td> <td>3,300 kW (11,260,069 BTU/hr)</td> </tr> <tr> <td>Auxiliary burner:</td> <td></td> </tr> <tr> <td>Hegwein BD4</td> <td>800kW (2,729,714 BTU/hr)</td> </tr> </table>	Steam Boiler:		HVR3300-19-2	3,300 kW (11,260,069 BTU/hr)	Auxiliary burner:		Hegwein BD4	800kW (2,729,714 BTU/hr)
Steam Boiler:									
HVR3300-19-2	3,300 kW (11,260,069 BTU/hr)								
Auxiliary burner:									
Hegwein BD4	800kW (2,729,714 BTU/hr)								

Signed


POLYTECHNIK

Date

20.01.2017

Name in
BLOCK
LETTERS

Luft- und Feuerteknik GmbH
Ing. Herbert Brenner
Hainfelderstr. 69
Tel: 0043/2672/390-0, Fax: DW 13

Position

Technical Director

Signed

Date

Name in
BLOCK
LETTERS

Position