

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 (x2)
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):	BD4 – 110 P/HEG03497 & BD4 – 110 P/HEG03497
Jet setting of auxiliary burners:	800kW (both)

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:

Steam Boiler:
HVR3300-19-2 3,300 kW (11,260,069 BTU/hr)

Auxilliary burners (x 2):
Hegwein BD4 800kW (2,729,714 BTU/hr)

Signed


POLYTECHNIK
Luft- und Feuerungstechnik GmbH
A-2564 Weissenbach/Hainfelderstr. 69
Tel: 0043/26758890-0 Fax: DW 13

Date

23.10.2017

Name in BLOCK LETTERS

Ing. Herbert Brenner

Position

Technical Director

We, Lodge Cottrell Ltd HEREBY CERTIFY that the **pulse jet fabric filter** 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 compliant with the requirement to produce emissions below the levels stated in the legislation

Provided that the combustion plant manufactured by Polytechnik referred to above is operated in accordance with points 1-5 above then the emissions of Sulphur Dioxide and particulates will be below the required levels.

Signed



Date

13/10/17

Name in BLOCK LETTERS

KEVIN BRIDGEWATER

Position

MANAGING DIRECTOR