

---

**From:** Karl Collett <k.collett420@btinternet.com>  
**Sent:** 24 November 2020 12:57  
**To:** Dunmore, Katie  
**Subject:** RE: Kerosene Boiler Denham Feed Mill  
**Attachments:** IMG\_0263.JPG

Hi Katie

Attached a picture of the boiler's data plate, showing year of manufacture in 2001 and hydraulic test date 09/04/01. Most likely was built to order and installed and commissioned soon afterwards, and some 17 years before the relevant MCP date in 2018. This might be sufficient evidence, otherwise I might try to get more from the supplier.

Regards  
Karl

---

**From:** Dunmore, Katie <katie.dunmore@environment-agency.gov.uk>  
**Sent:** 24 November 2020 12:02  
**To:** Karl Collett <k.collett420@btinternet.com>  
**Subject:** RE: Kerosene Boiler Denham Feed Mill

Hi Karl,

You will need to provide evidence that the MCP was put into operation prior to December 2018.

You haven't proposed any ELVs for the boiler. I see emissions monitoring measured NOx at 172.3mg/m<sup>3</sup> at 5.15% O<sub>2</sub>. This converts to 196mg/m<sup>3</sup> at 3% O<sub>2</sub>. I haven't checked the modelling yet but assuming this works out we would include an ELV of 200mg/m<sup>3</sup>. This is considering kerosene as a liquid fuel equivalent to gas oil.

The above however is conditional on the boiler being considered as existing. Please therefore forward any information you have to evidence this.

Kind regards

**Katie Dunmore**  
**Permitting Officer**  
**National Permitting Service ♦ Part of Operations – Regulation, Monitoring and Customer**

✉ Environment Agency, Horizon House, Deanery Road, Bristol, BS1 5AH  
☎ 02030 254435 (*internal 54435*) *mob: 07584 369561*  
📧 [katie.dunmore@environment-agency.gov.uk](mailto:katie.dunmore@environment-agency.gov.uk)

🌱 Please consider the Environment before printing this email.  
**Help us to improve our service and complete our customer survey**  
<http://www.smartsurvey.co.uk/s/NPScustomer/>



**Simple, fair, effective charges.**

**From 1 April 2018 our regulatory charges are changing.  
Find out how our plans could affect you.**



---

**From:** Karl Collett [<mailto:k.collett420@btinternet.com>]  
**Sent:** 16 November 2020 15:27  
**To:** Dunmore, Katie <[katie.dunmore@environment-agency.gov.uk](mailto:katie.dunmore@environment-agency.gov.uk)>  
**Subject:** RE: Kerosene Boiler Denham Feed Mill

Hi Katie

Its second hand, and I've noted it in the H1 Environmental Impact Assessment on page 23...

A kerosene fired boiler with a thermal input of 2.835 MW was put into operation here in 2019. Understood to have been originally put into operation and commissioned as a 'new' boiler elsewhere before 20<sup>th</sup> December 2018 – the qualifying date for new medium combustion plant to comply with the directive and would have required a permit under Schedule 25a of the Environmental Permitting Regulations. Application for a bespoke installation permit for Denham Feed Mill will be inclusive of applying for permission for the boiler in accordance with Industrial Emissions Directive, owing to the boiler being a directly associated activity. (Definition MCP = combustion plant (greater than 1MW but less than 50MW) and will be used for more than 500 hours per year).

Regards  
Karl

---

**From:** Dunmore, Katie <[katie.dunmore@environment-agency.gov.uk](mailto:katie.dunmore@environment-agency.gov.uk)>  
**Sent:** 16 November 2020 14:55  
**To:** Karl Collett <[k.collett420@btinternet.com](mailto:k.collett420@btinternet.com)>  
**Subject:** Kerosene Boiler Denham Feed Mill

Hi Karl,

When was the 2.835 kerosene boiler first put into operation?

Kind regards

**Katie Dunmore**  
**Permitting Officer**  
**National Permitting Service ♦ Part of Operations – Regulation, Monitoring and Customer**

✉ Environment Agency, Horizon House, Deanery Road, Bristol, BS1 5AH  
☎ 02030 254435 (*internal 54435*) *mob: 07584 369561*  
📧 [katie.dunmore@environment-agency.gov.uk](mailto:katie.dunmore@environment-agency.gov.uk)

🖨 Please consider the Environment before printing this email.  
**Help us to improve our service and complete our customer survey**  
<http://www.smartsurvey.co.uk/s/NPScustomer/>



**Simple, fair, effective charges.**

**From 1 April 2018 our regulatory charges are changing.  
Find out how our plans could affect you.**



EMERGENCY - STOP

# COCHRAN BOILERS : DATA PLATE

**BOILER SERIAL NUMBER**

23/2908

For Spares and Service

Tel +44 (0) 1461 202111 : Fax +44 (0) 1461 205511

YEAR OF MANUFACTURE	2001
DESIGN PRESS	11 BARG
DESIGN TEMP	188 C
HYDRAULIC TEST DATE	09/04/01
HYDRAULIC TEST PRESS	16.5 BARG
BOILER DESIGNED TO	BS2790-CLASS 1
MAX CONTINUOUS RATING	4000 KG/HR
MAX OPERATING PRESS	6.9 BARG
MAX OPERATING TEMPERATURE	
MAX NETT HEAT INPUT	2835 KW/OU
FUEL TYPE	D.OIL/NAT GAS
COMB EQUIP DESIGN TO B.S.	
GAS MIN SUPPLY PRESS	50 mb
GAS MAX SUPPLY PRESS	100 mb
OIL MIN SUPPLY PRESS	0.137 BARG
OIL MAX SUPPLY PRESS	0.689 BARG
OIL SUPPLY TEMP	AMBIENT
FUSE LINK CURRENT RATING	
SUPPLY VOLTAGE	415-3-50

COUNTRY STATUTE MARK

CE MARK & REF

INSPECTION AUTHORITY MARK

