BOILER INFORMATION

H Weston & Sons Ltd operate 2 boilers on site to serve its permitted operations. The boilers generate steam for the cider manufacturing process for heating and pasteurisation.

The boilers associated with the permitted process are operated on Furnace Flame fuel oil. The data sheet for the product can see seen in Appendix A to this document. Furnace flame is a fuel oil which is a mix of diesel and kerosene. There is no natural gas supply to the site, therefore H Weston and Sons Ltd have no option but to operate the boilers on fuel oil. Dual duel capability is therefore not of concern for this application.

The two boilers fall into the scope of the Medium Combustion Plant Directive (MCPD) and Table 1 below shows the boiler details pertinent to the MCPD. Boilers are located as shown on the Site Layout Plan [K499.2~09~1302]. Boilers 1 and 2 are classed as existing plant as they were first put into operation prior to December 18th 2018. Operating hours are **8064 per year.**

Table 1: Boiler Information

Boiler Reference	Make & Model Reference	Date first operated	MWth Input	Separate or combined stack?	Actual Stack Height (m)	Effective Stack Height* (m)	Blowdown Drainage Route**
Boiler 1	Dunphy TL310	2010	1.73	Separate	10	0	WWTP
Boiler 2	Dunphy TL310	2015	2.33	Separate	10	0	WWTP

*used for H1 calculations.

** Boiler blowdown is directed to the Wastewater Treatment Plant (WWTP). Blowdown is minimised where possible in line with BAT.

Air emissions from the boilers have been considered under H1.

BOILER INFORMATION

Figure 1 below shows the emission stacks from the boilers and the setting on site for information.

Figure 1: Emission Stacks from the boilers, in situ with neighbouring tanks.

Appendix A

WATSONS FUELS FURNACE FLAME SDS

Watson Fuels
Furnace Flame SDS 2

APPENDIX B

EMISSION REPORT FOR BOILER 1 & 2.