



# ENVIRONMENTAL MANAGEMENT RECORDS

Subject: Schedule 1: Notification of abnormal emissions

Doc Id: WX-EMS-0023-EMR

Revision: 1

Date: March 2009

## Part A:

Permit Number	BV 8016 ID
Name of Operator	Kellogg's Company of Great Britain Ltd
Location of Installation	Wrexham Breakfast Cereals
Location of Emission	4 <sup>th</sup> Process Jetzone Oven
Time and date of Emission	02:00 17 <sup>th</sup> January 2016

Substance(s) emitted	Media	Best estimate of quantity or rate of emission	Time during the emission took place
Smoke Emissions	Smouldering Cereal	Negligible (Localised area only)	Approx 60 mins

Measures taken or intended to be taken to stop the emission	At approx. 02:00 a production operator identified smoke emitting from the 4 <sup>th</sup> process jetzone oven. Further investigation identified a build-up of food had occurred in the jetzone oven and caught fire. The fire alarm was activated and site emergency procedures instigated. The fire was quenched by Incident Management Team (IMT) members using internal fire fighting equipment and further quenching was undertaken by N Wales Fire Service when they arrived at site.
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## Part B:

Any more accurate information on the matters for notification under Part A	A thorough internal investigation identified the following: <ul style="list-style-type: none"> <li>The drive belt of the jetzone oven shaker tray failed due to an unknown fault / flaw</li> <li>The failure of the drive belt resulted in the shaker tray becoming stationary allowing food to build up within the jetzone oven</li> <li>The build- up of food caught fire</li> <li>No previous history of similar events</li> <li>Shaker tray drive motor and belt are on a 4 month planned preventative maintenance (PPM) schedule</li> <li>Drive belt had been replaced on last PPM 24<sup>th</sup> Oct 2015</li> <li>Previous drive belt was fitted 28<sup>th</sup> Jan 2015 and ran for 10 months without fault / failure</li> </ul>
Measures taken or intended to be taken to prevent a recurrence of the incident	The following measures have been taken: <ul style="list-style-type: none"> <li>Shaker trays 1&amp;2 have had a motion monitor fitted and linked to the centreline screen in the operators control room. This will detect early signs of speed reduction with the trays and allow operators to instigate a controlled stop to prevent a build-up of food within the jetzone oven</li> <li>4 monthly PPM schedule revised to remove the visual inspection of the drive belts and now specifies the drive belts must be replaced every time.</li> </ul>
Measures taken or intended to be taken to rectify, limit or prevent any pollution of the Environment or harm which has been or may be caused by the emission	N/A
The dates of any authorised emissions from the installation in the proceeding 24 months	N/A

Name*	Karen Thomas
Post	Plant Director
Signature	
Date	23 <sup>rd</sup> March 2016

\* authorised to sign on behalf of Kellogg Company of Great Britain Ltd