

Schedule 6 - Notification

Part B - to be submitted as soon as practicable

Permit Number	BR9383ID	Notification Reference	EP_EX_237
Name of operator	Knauf Insulation Ltd		
Location of Facility	Chemistry Lane, Queensferry, Deeside, Flintshire, CH5 2DA		
Time and date of the detection	07:30 hours on 16 th September 2019		

Any more accurate information on the matters for notification under Part A.	<p>A fire occurred in the oven and oxidiser unit that led to damage of oven oxidiser ducting and fan system. The emergency services extinguished the fire.</p> <p>Following a Root Cause Analysis investigation, the following <i>Critical Factors</i> were identified:</p> <ul style="list-style-type: none"> The line was stopped for 31 minutes with product in the oven which caused enough heat to build up to ignite the oil on the oven chain. An excessive amount of oil on the oven chain increased the amount of fuel available to allow ignition to take place. There was fibrous debris at the oven exit which contributed to the rapid spread of fire. There was a resinous fibre build up in the vestibule and ducting which was ignited by the oven chain fire; failure of this ducting led to the fire rapidly spreading through the ducting to the oxidiser system. The oxidiser fan system drew in hot air from the fire in the ducting and this led to the fire spreading to the oxidiser and also led to the failure of the fan due to the extreme temperatures it was exposed to.
Measures taken, or intended to be taken, to prevent a recurrence of the incident	<p>All required repair works were completed and equipment checks undertaken prior to plant start up after the incident.</p> <p>The automated lubrication system together with plant procedures were reviewed as a result of the incident.</p> <p>Capex obtained for the installation of a fire detection and extinguishing system (oven chains and oven outlet ducting). This installation commenced 07.01.2020.</p>
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	<p>It is believed that no permanent harm will result from the incident.</p>
The dates of any unauthorised emissions from the facility in the preceding 24 months.	<p>08/12/17, 29/12/17, 09-11/01/18, 24/01/18, 06-06/02/18, 26/03/18, 30/03/18, 17/04/18, 21/04/18, 26/04/18, 27/04/18, 16/05/18, 17/05/18, 24/05/18, 11/07/18, 03-04/09/18, 05/09/18, 07/09/18, 09/09/18, 10/09/18, 16/09/18, 15/10/18, 16/10/18, 17/10/18, 18/10/18, 19/10/18, 22/10/18, 6/11/18, 13/11/18, 02/01/19, 08/01/19, 10/01/19, 07/02/19, 20/02/19, 12/04/19, 19/04/19, 08/05/19, 12/06/19, 13/06/19, 18/06/19, 04/07/19, 08/07/19, 16/07/19, 06/08/19, 08/08/19, 16/08/19, 07-09/09/19</p>

Name*	C. Keouski
Post	Environmental Manager
Signature	<i>Keouski</i>
Date	8 th January 2020

* authorised to sign on behalf of Knauf Insulation Ltd