

Harlow District Council

Environmental Health Department
The Water Gardens
Harlow, Essex.
CM20 1WG



LA-PPC Inspection Report

General Information

Inspection Type	Full
Local Authority	Harlow District Council
Site Name and Address	Fusion Incorporated UK Limited, Barrows Road, Harlow, CM19 5FD
Installation Type	Metal Powder Process
Permit Reference	EPR/2.2/19/V1/FI
Site Representative Seen	Works Manager
Inspection Date	12 December 2019
Report date	16 December 2019
Duration of Inspection	1 Hour
Review of permit conditions undertaken	Not required
Regulator	Harlow Council

Recent History

	Comments	Action
Number of complaints received	None	None
Process/Installation changes	None	None

Future Developments

	Comments	Action
Information relating to PPC	Process Guidance Note 6/35(13) issues July 2013	None
Other relevant information	The Council's Authorised Process public register is online at: http://www.harlow.gov.uk/environmental-public-register	None

Risk Assessment

Risk Assessment Score	Low
Summary of changes to score	N/A

Summary of Inspection

The process is managed to a high standard.

Actions Required

Reference to any breach of condition (or not) and other compliance issues as necessary	None
Other relevant information	None

Inspection Notes

Weather Conditions	Rain
Unique/Abnormal Site Hazards to take into consideration.	None

Compliance Checking

Inspection List	✓, x or N/A	Condition of observation details	Action Required
Logbooks and Records			
Visual and olfactory assessments <i>Visual emissions</i> <i>Fumes or mist</i> <i>Offensive odour</i>	✓	Daily observations recorded in logbook	None
Adverse monitoring results recorded and regulator notified	N/A	No adverse observations during period under review	None
Particulate matter <20mg/m³	N/A	Annual particulate monitoring due in April 2020	Please send results to the Council within 8 weeks of the monitoring being undertaken
Equipment maintenance <i>in accordance with manufacturer's instructions</i> <i>Arrestment plant</i>	✓	All plant and equipment checked and recorded regularly in-house, servicing carried out every 14 Months.	None
Bag filter maintenance <i>Filter bag house checks recorded?</i>	✓	Daily and monthly checks carried out and recorded. Air Filter Pressure Gauge indicates when the filter bag is due to be changed.	None

Records of any abnormal emissions, breakdowns or malfunctions	✓	No Breakdowns noted	None
Spares available	✓	Satisfactory	None
Training records <i>Awareness of permit conditions</i>	✓	Training matrix for all staff covering permit conditions held electronically.	None
Site			
Powder storage	✓	All powders stored in buckets with closed lids	None
Melting	✓	Melting area free from visual emissions and odour due to powerful lip extraction system.	None
Sieving & Mixing	✓	Sieving carried in an enclosed machine, Mixing carried out in an enclosed area with an extraction system in place.	None
Storage of waste materials <i>Enclosed bins</i>	✓	Waste awaiting collection stored in enclosed metal containers.	None
Procedure for dealing with spillages	✓	Satisfactory	None
House keeping	✓	A high standard of housekeeping observed.	None

End

1 - Inherent Environmental Impact Potential

Risk Rating	Score
Category 2 PG6/35(06)	20

2 - Progress with Upgrading

Status of Upgrading	Score
None outstanding	0

3 - Sensitivity and Proximity of Receptors

Proximity to Emission Source	Score
Medium sensitivity receptor <100 metres	12

4 - Other Targets

Proximity to Emission Source	Score
No air pollution problems in the local area to which process is a potential contributor	0

5 - Compliance Assessment

Scale of Non-Compliance	Possible Score	Score Awarded
Incident leading to justified complaint but no breach of any specific authorisation condition or of the general/residual BATNEEC condition	0	0
Incident leading to a justified complaint	5 per incident	0
Minor breach of authorisation not leading to formal action	10 per incident	0
Incident leading to formal caution, Enforcement Notice or prosecution	15 per incident	0
Incident leading to a Prohibition Notice	20 per incident	0
Total (Max. 50)		0

6 - Assessment of Monitoring, Maintenance and Records

Criterion	Score
All monitoring undertaken to the degree required in the authorisation?	0
Monitoring requirements reduced because results over time show consistent compliance?	0
Process operation modified where any problems indicated by monitoring?	0
Fully documented and adhered to maintenance programme, in line with authorisation?	0
Full documented records as required in authorisation available on-site?	0
All relevant documents forwarded to the authority by date required?	0
Total score	0

7 - Assessment of Management, Training and Responsibility

Criterion	Score
Documented procedures in place for implementing all aspects of the authorisation?	0
Specific responsibilities assigned to individual staff for these procedures?	0
Completion of individual responsibilities checked and recorded by the company?	0
Documented training records for all staff with air pollution control responsibilities?	0
Trained staff on site throughout periods where potentially air-polluting activities take place?	0
Is an 'appropriate' environmental management system in place?	0
Total	0

8 - Determination of regulatory effort from scores

Actual score = 32	Less than 40	Category = Low
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