

CPI Mortars Ltd  
Willow House  
Strathclyde Business Park  
Bellshill  
Lanarkshire  
ML4 3PB

Harlow Council  
Civic Centre  
The Water Gardens  
Harlow  
Essex CM20 1WG  
[www.harlow.gov.uk](http://www.harlow.gov.uk)

Our Ref: SA/16/02052

Your Ref:

Date: 10/02/16

**Environmental Permitting (England and Wales) Regulations 2010  
CPI Mortars Ltd, 29 Mead Industrial Park, Riverway, Harlow, Essex, CM20 2SE**

Dear Sir or Madam

As part of our permit compliance inspection program I wish to confirm my visit on the 5th February 2016 to the above premises.

I would like to take this opportunity to thank Colin Walker for his assistance during the inspection.

Please find enclosed an inspection report for the above installation.

Please do not hesitate to contact me should you wish to discuss this matter.

Yours faithfully



Steven Adams

Senior Environmental Health Officer  
Tel: 01279 446105 Fax: 01279 446639  
[Steven.adams@harlow.gov.uk](mailto:Steven.adams@harlow.gov.uk)

Copy; Colin Walker, CPI Mortars Ltd, 29 Mead industrial Park, Harlow, Essex. CM20 2SE

## Harlow District Council

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



### LA-PPC Inspection Report

#### General Information

<b>Inspection Type</b>	Annual
<b>Local Authority</b>	Harlow District Council
<b>Site Name and Address</b>	CPI Mortars Ltd. 29 Mead Park, River Way, Harlow, Essex. CM20 2SE
<b>Installation Type</b>	Mineral Drying and Cement Batching Installation
<b>Permit Reference</b>	EPR3/18 CPI
<b>Site Representative</b>	Colin Walker, Plant Supervisor
<b>Inspection Date</b>	5 <sup>th</sup> February 2016
<b>Report Date</b>	10 <sup>th</sup> February 2016
<b>Duration of Inspection</b>	2 hours
<b>Review of permit conditions undertaken</b>	Not required at this time
<b>Regulator</b>	Harlow Council, representative; Steven Adams

#### Recent History

	<b>Comments</b>	<b>Action</b>
<b>Number of complaints received</b>	None	None
<b>Process/Installation changes</b>	Fuel change	None

#### Future Developments

	<b>Comments</b>	<b>Action</b>
<b>Substitute Fuel</b>	CPI has now fully implemented propane gas in place of gas oil. This will ensure better stoichiometry resulting in lower emissions and improved fuel consumption. These developments are significant and welcome.	None
<b>Re-use of industrial waste heat</b>	The Government has produced a report which highlights the possible potential for recovery and re-use of industrial waste heat which could be used to supply a range of energy demands, from district heating networks to electricity	None

	generation. For more information please visit: <a href="https://www.gov.uk/government/publications/the-potential-for-recovering-and-using-surplus-heat-from-industry">https://www.gov.uk/government/publications/the-potential-for-recovering-and-using-surplus-heat-from-industry</a>	
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## Risk Assessment

Risk Assessment Score	32
Summary of changes	No Change

## Summary of Inspection

The installation is managed to a good standard.
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## 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	Damp, mild and calm
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Unique/Abnormal Site Hazards to take into consideration.	Adjacent to an aquatic environment
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## Compliance Checking

Inspection List	✓, x or N/A	Condition or observation details	Action Required	
<b>Conditions</b>				
1. No visible emissions beyond site boundary	✓	No visual emissions during inspection	None	
2. Monitoring in accordance with Table 1;				
Operator observations	✓	Daily log sheet records requiring once a day monitoring up to date.	None	
Visible emissions	✓		None	
Droplets, fume and smoke	x		Records show only once a day monitoring.	Observations to be recorded on startup and twice daily.
Sand conveyors	✓			None

Particulate matter <50mg	✓	Extractive Monitoring Carried out on 3 <sup>rd</sup> March 2015 reported emissions 7.6g/m <sup>3</sup>	None
Sulphur <0.1% records	✓	Certificate of analysis sent on request, dated 7 <sup>th</sup> November 2015	Following the switch to propane fuel please continue Sulphur analysis until further notice.
3. Plant maintained and calibrated in accordance with manufacturer's instructions.	✓	Weekly, monthly and 6 monthly maintenance schedule records up to date.	None
4. Monthly filter bag Inspection	✓	Recorded every 14 days	None
5. Fine powdered materials only stored in silos?	✓	Satisfactory	None
6. Correct procedure in place for tanker loading and unloading of cement? Loading rate, connections, displaced air back-vented via filtration system. Records?	✓	Written procedures confirming delivery drivers fully trained, bulk delivery log sheet recording checks at start to finish and one intermediate time.	None
7. Silos not overfilled – overfilling alarm checked?	✓	Silo safety check carried out weekly	None
8. Displaced air from pneumatic transfer shall pass through abatement prior to emission to air	✓	No defects recorded	None
9. Pressure relief valve checks	✓	Checked and recorded every 7 days	None
10. Undried sand stored in suitable storage bays or discharged directly into hoppers	✓	Satisfactory	None
11. Dusty waste materials stored in suitable 3 sided storage bays? Suppression management techniques employed to minimize dust emissions?	✓	Waste contained/suppressed	None
12. Unused stock bays. Suppression management techniques employed to minimize dust emissions?	✓	No unused stock bays	None
13. Un-dried sand conveyed using fully enclosed conveyor. All transfer points have wind protection and spillages removed promptly	✓	Satisfactory	None
14. Vehicles carrying dusty products fully enclosed/sheeted when	✓	In accordance with written policy	None

arriving/leaving site?			
15. Onsite roadways? Consolidated surface? In good repair and kept clean?	✓	Yard and transport routes satisfactory	None
16. Vehicles shall not track material from site onto the highway.	✓	No reported problems	None
17. Building maintained so as to prevent visible dust emissions, spray bars in place?	✓	Satisfactory	None
18. Test and monitoring records available?	✓	Satisfactory	None
19. Staff training records?	✓	In house procedures covering all staff	None
20 BAT?	✓	Yes	None
21 Changes notified?	✓	Change of fuel	None

**1 - Inherent Environmental Impact Potential**

Risk Rating	Score
Category 2 PG3	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 x2 for cement process	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
<b>Total (Max. 50)</b>		<b>0</b>

**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
<b>Total score</b>	<b>0</b>

**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?	-5
<b>Total</b>	<b>-5</b>

**8 - Determination of regulatory effort from scores**

Actual score = 32	< 40	Category = Low
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