

Dust Hazard Management Plan		
Contract	Building 305 Demolition	
Location	Argosy Drive, World Freight Centre, Manchester Airport	

Rev No	Date	Status	Drafted By	Position	Internal approval by	Position
0	26/1/22	Initial draft	Diane Fowler	R&M QSE Advisor	Mark Henry	R&M Director

1 Introduction and commitment

It is anticipated that R&M Developments Ltd will be appointed Principal Contractor for the demolition of building 305 and as such will be responsible for preparation and implementation of a Dust Hazard Management Plan, this plan, in relation to the planned works. The plan is to be submitted to Manchester Airport Group for review and approval via the Project Manager. The approved plan will also be submitted to the planning authority as part of the response to the understood planning conditions.

This plan acknowledges the potential risk to flight safety of dust and smoke clouds as a result of the planned works as:

- Dust and smoke are hazardous to aircraft engines.
- Dust and smoke clouds can present a visual hazard to pilots and air traffic controllers.

Dust management is also in place in relation to risks associated with generation of dust at a level where it would create an environmental nuisance affecting neighbouring properties, traffic and pedestrians etc in the vicinity of the site. Dust management will be in place in relation to risks associated with the health of personnel on site as detailed in the Construction Phase Plan for the works.

The plan details the proposed control measures to avoid, reduce and manage the potential for the works to generate any significant amount of dust or smoke and describes how these control measures will be implemented, managed and monitored for effectiveness and how any potential non-conformance will be addressed.

This plan has been developed in accordance with R&M Developments Ltd's accredited IMS and will be fully integrated into the Construction Phase Plan for the works and its implementation fully integrated into the overall management of health and safety, environmental and quality for the works.

2 Description of planned works

The planned works involve the demolition of Building 305, a currently empty two storey office building, which is located between Avro Way and Argosy Drive, and accessed from Argosy Drive within the World Freight Centre at Manchester Airport.

Prior to structural demolition, works will be carried out to disconnect/isolate and/or divert services. Soft strip works will be carried out to remove the limited amount of remaining fittings and fixtures. None of these works have the potential to generate any significant dust or smoke and this Dust Management Plan addresses potential dust issues associated with the subsequent structural demolition, crushing and storage of arisings on site.

3 Dust risk assessment

Please see Dust Risk Assessment included as Appendix 1.

4 Management of the planned control measures

Dust Hazard Management Plan		
Contract	Building 305 Demolition	
Location	Argosy Drive, World Freight Centre, Manchester Airport	

All requirements of this plan will be incorporated into the Construction Phase Plan (CPP) and into RAMS for each work activity. This plan will also form a separate appendix to the CPP. These measures will ensure that the requirements of the Dust Hazard Management Plan are:

- Included in the formal and documented site induction training provided to all personnel, including all sub-contractors, site visitors and explained to visiting wagon/delivery drivers.
- Included in Site Rules, developed and managed in accordance with the CPP, which are also included in the site induction and displayed in the welfare facilities.
- Briefed to all site personnel in the form of a documented and signed tool box talk
- Included in the documented morning briefing record for each work day on site and signed by all personnel on site.
- Included, where relevant, in RAMS for each work activity on site. All RAMS are also specifically briefed to personnel and signed by each individual to confirm this.

For all activities with the potential to raise significant levels of dust, the Site Manager will ensure that the dust suppression measures, as proposed in the Dust Risk Assessment and reflected in the RAMS for the activity are mobilised and confirmed ready for use, prior to allowing the activity to commence. Personnel involved in that activity will receive a specific briefing from the Site Manager to be alert for specific conditions that could cause release of dust and to promptly start dust suppression, if dust suppression has not already been initiated on a pro-active basis.

In accordance with the company H&S Policy and the CPP, personnel are encouraged to provide feedback and comment on any aspect of health and safety and this communication will also be taken into account in terms of reviewing and improving control measures as necessary.

Any requirements to amend the Dust Hazard Management Plan will be communicated to MAG via the Project Manager and any necessary approvals obtained for the revised plan prior to issuing, communicating and implemented it on site. Any associated amendments to the CPP or RAMS will be made on a controlled basis in accordance with the CPP and briefed to personnel on site and issued formally to sub-contractors.

5 Monitoring and measurement of performance

For all activities identified as having a potential to raise significant dust, Site Manager shall brief personnel involved in those activities on a daily basis to be aware of that potential, to observe and respond to any instances of significant dust being released and to ensure that suppression measures are available and used, as required.

Compliance with the Dust Hazard Management Plan will be monitored, measured and recorded as part of the overall monitoring and measurement of health and safety on site, which includes:

- Continual monitoring by the Site Manager, resolving and recording any issues in the site diary.
- Daily checking to confirm presence on site and serviceability of dust suppression equipment, and availability of water, where relevant to the planned activities.
- Formal weekly monitoring of health and safety on site, which will be recorded on the company standard monitoring form amended to include documented checks of dust hazard controls.
- Formal audits of health and safety carried out by company H&S Advisor or Contracts Manager and recorded on the company standard audit form, which includes assessment of dust control measures. NB These audits include compliance with the company management and documentation requirements and will confirm adequacy of control measures, completeness of required records as well as performance on site.

Dust Hazard Management Plan		
Contract	Building 305 Demolition	
Location	Argosy Drive, World Freight Centre, Manchester Airport	

- Ad hoc comments on adequacy of measures and compliance with the plan will be recorded by the Site Manager in the site diary.
- All monitoring and audit reports will be copied to the Contracts Manager to ensure all issues resolved and any underlying issues identified and resolved in accordance with section 9 below.

9 Management of non-conformance

9.1 Significant emission of dust from site

To be responded to immediately by the personnel carrying out the activities generating the dust in accordance with the Dust Risk Assessment which will be reflected in the specific RAMS relating to that work activity ensuring that the activity is paused while dust suppression provided/improved. The incident to be reported as soon as possible to the Site Manager who will then assess the conditions that generated the dust and confirm the effectiveness of the dust suppression, before allowing the activity to resume under supervision to confirm no further significant dust generated.

Any such incident is to be recorded on the company non-conformance form and investigated by the H&S Advisor and/or Contracts Manager and corrective and preventive measures agreed with MAG and implemented and checked to be effective.

9.2 Receipt of a formal complaint by MAG or others in relation to the emission of dust from the site

Any complaint associated with emission of dust will be recorded on the company non-conformance form in accordance with the company IMS and investigated by the H&S Advisor and/or Contracts Manager and corrective and preventive measures agreed with MAG and implemented and checked to be effective.

9.3 Adverse findings from audit or monitoring activities

Adverse findings will be dealt with as detailed in the company IMS and Health and Safety Policy. Agreed actions to rectify defects/non-conformances will be detailed on the monitoring form by the Site Manager (for weekly safety monitoring) and on the audit form (for management audits) and copied to the named persons to ensure that they are completed. Rectified defects will be inspected and signed off by the Site Manager to confirm completion. The contracts Manager will review all completed reports and liaise with the Site Manager to ensure that all actions are closed out and to identify and deal with any underlying issues.

9.4 Any other non-conformance in relation to implementation of this plan

Any other identified non-conformance or shortcoming to this plan will be notified to the Site Manager who will record it on a non-conformance form and ensure that it is investigated and rectified as above.