



Ventilation Statement for Diecast, 51 Ducie Street, Manchester, M1 2Jq

Leno Ex Machina

General Ventilation: -

The general ventilation to Leno Ex Machina be based on providing approx. 10 L/s per person of fresh air, this would be achieved by installing extract & supply air systems at high level within the space, with axial type fans, & silencers mounted on both room side & discharge side of the fans, the systems would exhaust & supply fresh air through the external gable wall with a suitable weatherproof acoustic louvre.

Air supply into the area would be provide ambient air complete with G4 type air filters.

Beer Hall

General Ventilation: -

The general ventilation to the beer hall is based on providing approx. 2 air changes per hour, this would be achieved by installing a number of extract systems at high level within the area, with axial type fans, & silencers mounted on both room side & discharge side of the fans, the system would exhaust through the roof with a suitable weatherproof louvre.

Air supply into the beer hall area would be provided via passive wall mounted ambient air replacement units complete with G4 type air filters, sound attenuators & external aluminium acoustic wall louvres.

Toilet & back of house ventilation: -

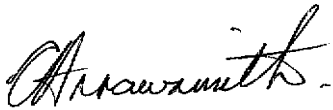
The toilet & back of house ventilation systems would be designed on providing approx. 10 air changes per hour within each area, this would be achieved by installing in-line ductwork systems at high level with a series of ceiling mounted diffusers in each area. The system would generally have a centrifugal type fan installed in-line with a silencer mounted on the discharge side of the fans exhausting through the external walls, with a suitable weatherproof terminal.

The replacement air for these systems would be passive through the external walls.

The Foundry ventilation system: -

The general ventilation to Leno be based on providing approx. 10 L/s per person of fresh air, this would be achieved by installing extract & supply air systems at high level within the space, with axial type fans, & silencers mounted on both room side & discharge side of the fans, the extract system would exhaust through the roof & supply fresh air through the external existing window opening on Ducie Street with a suitable weatherproof acoustic louvre. The ambient air supply system would incorporate G4 air filters.

Yours Sincerely

A handwritten signature in black ink, appearing to read "A. Rawanith", with a stylized flourish at the end.