

Design Note

Project

St. Benedicts Church, Manchester

Subject

Risk Assessment

Project no

0070608

Date

17 March 2026

Revision	Description	Issued by	Date	Approved (signature)
P01	Pre-Completion Testing – Risk Assessment	AL	17/03/26	JM

RISK ASSESSMENT – St Benedicts Church – Noise Breakout Testing	
ACTIVITY – Noise Break-out Testing on the 19 th March 2026	Risk Assessment: Yes Reference: 0070608-0820
LOCATION: St Benedict’s Church, Saint Benedict’s Square, Manchester M12 5LG	
PURPOSE: To determine the background noise levels at the nearby residential noise sensitive receivers. To determine the impact of the noise break-out from the church. To determine the reverberation time & noise levels within the church’s main space. METHODOLOGY: Measurements will be carried out following BS 8233:2014, BS 4142:2014 + A1:2019 and BS EN ISO 3382-1:2009 where practical. The survey consists of 5 short-term attended monitoring positions (ST1 to ST5) and 1 long-term unattended monitoring position (LT1). Monitoring locations are indicated in Figure 1. The long-term monitoring equipment is planned to be monitoring uninterrupted from Thursday 12 th March to Monday 23 rd March. Sound pressure levels (SPL) will be measured using LAeq,1min and octave band Leq,1min (down to 63Hz octave band). Background SPL will be measured at the monitoring locations to capture background noise levels representative of the nearest noise sensitive receivers (NSR) and assess the noise climate around the site. These background noise measurements will be carried out at the short-term monitoring locations on days and times representative of the venue’s proposed new use, and uninterrupted at the long-term monitoring location. The impact of the noise breakout from the church will be determined using an overlay audio system in the building, through which pink noise and/or representative audio content will be generated. SPL will be monitored simultaneously in the church and at the monitoring locations to establish the sound reduction provided by the building envelope and determine the noise impact on nearby NSRs. Further to this, the reverberation time within the main room of the church will be measured.	

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Figure 1 - Proposed short-term (ST) & long-term (LT) monitoring positions

SIGNIFICANT HEALTH AND SAFETY ISSUES:

Generation of high noise levels within the building.

THIRD PARTY ACTIONS:

Safe access to any location required to set-up if necessary.

RISK ASSESSMENT

Site Address: St Benedict's Church, Saint Benedict's Square, Manchester M12 5LG

Operation: Indoor & outdoor acoustic test – airborne sound insulation, reverberation time, external ambient noise levels

Significant Hazards Identified:

1	Slips and trips
2	Handling heavy equipment
3	High noise levels

Persons at risk:	X	Survey Personnel		General Public		Client Personnel	X	Site Contractor Personnel
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Controls Considered Necessary:

1. Local, corporate or any relevant Health & Safety regulations will be strictly followed.
2. Trolleys will be used when moving heavy equipment.
3. Only BH/Vanguardia employees wearing ear defenders will be allowed to be present in the rooms at the time of the tests.

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If risk product is high (a score of more than 8), can an alternative method be used? <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 25%;">Yes</td> <td style="width: 25%;"></td> <td style="width: 25%;">No</td> <td style="width: 25%; text-align: center;">x</td> </tr> </table> If NO, describe measures to be employed to control the risk & re-evaluate the risk product. 1. Buro Happold management and family members are aware of the visit and will be contacted when the member of staff leaves site. The member of staff will carry contact phone numbers, a mobile phone. 2. Operators will wear appropriate hearing protection.		Yes		No	x																																																								
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METHOD STATEMENT & RISK ASSESSMENT

Method Statement ☐ Yes ☒ No	Permit to Work ☐ Yes ☒ No
COSHH Assessment ☐ Yes ☒ No	PPE ☒ Yes ☐ No

Completed by: Alexander Lehman 	Date: 17/03/26
Approved by: Jean du Marais 	Date: 17/03/26