

MEMORANDUM



From: Public Protection Service Manager
Ian Jones

To: Planning Control
Manager

Our Ref: 10141/21

Your Ref: P/2021/0905

Date: Tuesday, 15 March 2022

Town and Country Planning Act 1990

Town and Country Planning (General Development Procedure) Order 1996

Re: P2021/0905, JB Fabrication, LL139UT, Wrexham Industrial Estate LL13 9UG

Review: BS4142 Noise Assessment

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The applicant has submitted a BS4142 noise assessment as requested by this department.

The noise assessment report provided the following:

- the identification of acoustic design criteria;
- the identification of specific sound sources;
- an objective sound pressure level survey of the existing site;
- calculation of the specific sound levels;
- determination of the rating level;
- assessment of the specific sound sources based on guidance contained in BS4142:2014; and
- design of any mitigation to meet the required internal noise criteria.

I have reviewed the information contained within the BS4142 noise assessment, and I accept the conclusions of the report, namely that:

- *11.1.2... the rating level is predicted to be below the existing background sound levels and therefore complies with the condition set out by the local authority.*

The BS4142 noise assessment also notes:

- *It is understood from FB Fabrication the operations in the past were sometimes carried out in the open, in this case in the external yard. It would be expected with the new proposed extension to the building these activities would now be moved inside the new facility which would be of significant benefit to the nearby residential receptor.*

- *It is important FB Fabrications adopt best practical means, keeping the shutter door open to a minimum to avoid compromising the sound reduction performance of the new extension and increasing the specific level at the nearby existing receptor.*

Thus, the conclusion to the BS4142 noise impact assessment is that the operations of FB Fabrications must occur within the fabric of the building with the shutter doors closed. As such I would recommend that this is formalised by way of a planning condition to protect the residential amenity of the nearby dwelling.

Keep doors and openings closed - Condition

All doors and other openings to the extension shall be kept closed except in cases of emergency.

Warm regards,

p.p. 

Ian Jones
Public Protection Service Manager