

# SHARPS REDMORE

ACOUSTIC CONSULTANTS • Established 1990



**Reference:** 101 Camley Street, London

**Project No:** 1616478

**Date:** 01.11.22



Re: Office Fit-out of Plant: Roof level - standby generator

The following is provided as a short note regarding the roof top standby generator in respect to the fit-out of the commercial office areas in the ground floors at 101 Camley Street, London. Sharps Redmore provided the acoustic services for the residential and office building shell works between the 2017-2021.

## Planning Condition Discharge Report

In our Planning Condition 17 & 18 discharge report for this scheme dated 18.10.19, it was clarified that:

*We are also minded of the advice within Noise & Vibration sections of Camden Local Plan 2017, associated with Policy A4, and Appendix 3 'Noise Thresholds' seeking to control and manage noise and vibration.*

- Standby generators when operating in an emergency shall not achieve more than 10 dB above the background noise level (LA90, 15 mins).

The standby generator has a noise level of 77dBA @ 1 metre (circa 60 dBA at 7 metres ).

With this standby generator it is estimated to be 3 dB above the night-time and 7 dB below the day-time background level at those original existing residences some 39 metres away, and therefore including tolerances effectively compliant. It is only tested during the day-time (say monthly) and in an emergency more likely during the day-time than night-time, as servicing day-time offices, and therefore is compliant with a good margin to existing neighbours.



In this location the standby generator is directly on the roof of a penthouse apartment, within approximately 3-5 meters of the balcony of that flat. Here levels therefore would be expected to be 10-12 dB above the day-time background level. Following Camden's condition this should be acceptable within marginal tolerances and the closeness of the receptor, and the likely shortness of any noise event.

We trust this meets with your requirements. Please contact us if you wish to discuss any aspect.

**Rory Sullivan** BA(Hons) PhD CEng MIOA MASA MAAS



Head Office

Sharps Redmore The White House, London Road, Copdock, Ipswich, IP8 3JH



Regional Locations South England (Head Office), North England, Wales, Scotland

