



Technical Note

Discharge of Planning Condition 25

Union Park, London

Glasgow

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1 INTRODUCTION

The purpose of this Technical Note is to discharge Planning Condition 25 of the Original Permission (ref. 75111/APP/2020/1955) as quoted below.

This technical note pertains to the EC1 generators only. Subsequent notes may be submitted for approval for the remaining energy centres EC2 & EC3 in due course.

Planning Condition 25 wording:

Prior to operation of the development, evidence that the backup generators are to be fitted with selective catalytic reduction (SCR) technology achieving at least 96% reduction in relation to the values reported in the air quality report submitted to support the planning application (Technical Addendum v2 to AQA v10 (Dated 5th July 2022)), is to be submitted to and approved in writing by the Local Planning Authority. Evidence is to include, but is not restricted to, a written warranty and supporting documentation by the equipment manufacturers that this NOx emission concentration is to be achieved, within 20 minutes of generator start-up.

2 SUPPORTING EVIDENCE

As requested, the following has been provided to evidence the make and model of the generators and the Selective Catalytic Reduction (SCR) system that have been installed.

We have also provided evidence that the installed SCR system achieves the NO_x reduction levels specified in Technical Addendum v2 to AQA v10 (Dated 5th July 2022).

- Generator make and model – see supporting photographs in Appendix A.1
- SCR system – see supporting photographs in Appendix A.1
- SCR system performance – see Warranty letter and a sample of the generator commissioning documents in Appendix A.2 & A.3

A.1. SCR and Generator photos



Figure 1 SCR system on top of generator container



Figure 2 – SCR view 2



Figure 3 – SCR view 2

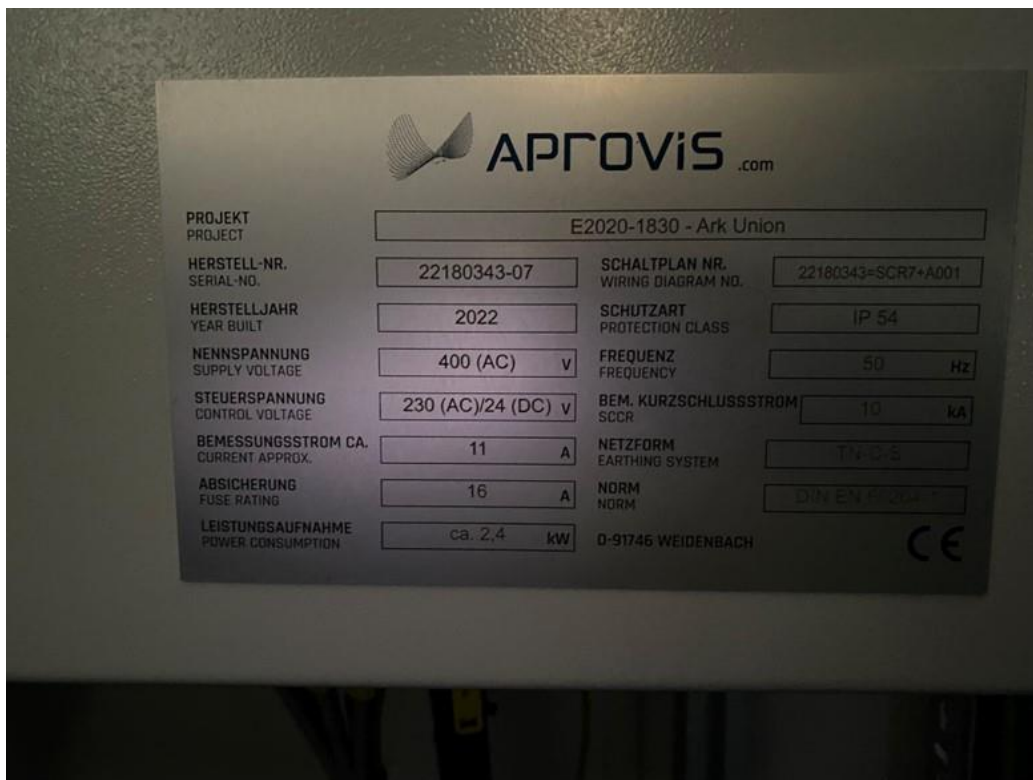


Figure 4 – SCR plate



Figure 5 – Generator plate

A.2. SCR manufacturer warranty

A.3. Generator commissioning documents