

09 November 2015

Client Sabbir

3 Market Parade
Havant
Hampshire
PO9 1PY

Dear Sabbir,

TECHNICAL SPECIFICATION FOR INSTALLATION AND RE-COMMISSIONING EXISTING EXTRACTION SYSTEM

Following your request please find the following details ref: to our proposed installation and re-commissioning existing extraction system:

1) Size of canopies: 1 X Canopies to be installed

a) Canopy 1 = 4500 X 1000

Combined surface area of canopy to extract fumes used in calculations (4500 X 1000)

2) Length of ductwork to be supplied = 7 metre's long

3) No of bends = 2 X 90 degree bend

4) No of 45 degree bends = 0

5) Air performance required for efficient extraction of fumes over canopy allowing for resistance @ 400 Pascals = (6832 m³/h)

6) Ductwork type = Galvanised rectangular & spiral ductwork

FAN SELECTION

7) Fan selection: S & P 500tcbb AKA (Turbo prop) (6832 m³/h) @ 400 pa

Noise level & reducing agents

8) Noise level 48DbA

9) Noise reducing agents applied: Flakswoods cylindrical silencer 500 bore 1 x 500 spiral silencer = -10DbA

10) Overall sound reduction at minimum = - 10db (A) reduction
(Please view further details via link: <http://www.flaktwoods.com/5ccf2d9f-58f2-4be6-9ddc-39c45e8b87e0>)

SMELL AND CARBON REDUCING AGENTS

Activated, Bonded Carbon Filters designed to deodorize gas pollutants, or put more simply, to **remove unpleasant or hazardous odours** from the air.

1 x Activated carbon filters to be used to filter up to 80% of carbon emissions that would otherwise cause a smell or smoke nuisance

Carbon pre filter also to be installed alongside the activated carbon blocks

Periodical scheduled maintenance

11) Once every 6 months / twice annual

Kind Regards

Ola Makanjuola

OPERATIONS DIRECTOR

Kinsman Ltd