Subject: Treehouse
Date: Tuesday, 10 September 2024 at 13:33:06 British Summer Time
From: Mitch Swirles
To: Rob Gibbs, hadley@mckeeassociates.co.uk
CC: Mitch Swirles
Attachments: image004.png, image005.jpg, image007.jpg

Rob

Please see email below from Purified Air regarding locations of UV-O & ESP

Regards

Mitch Swirles
Managing Director
07798724077

From: Emrys Hughes <emrys.hughes@purifiedair.com>
Sent: 09 September 2024 10:53
To: Andrew James <andrew.james@purifiedair.com>; Mitch Swirles <mitch.swirles@tkac.co.uk>
Cc: Ian Lawson <Ian.Lawson@tkac.co.uk>; Mitch Swirles <mitch.swirles@tkac.co.uk>
Subject: RE: Treehouse

Hi Mitch,

Thanks for the call this morning.

As discussed, both our ESP and UVO units are EMAQ compliant and are also recognised by Manchester council.

EMAQ states that best practice is for UVO to be installed after an ESP unit.

Although this is the case, in many scenarios it is not possible to install UVO after the ESP due to sufficient dwell time. In this instance, the duct run after the ESP units at the Treehouse project is not long enough for sufficient dwell time to be achieved (Based on 7m/s, 14m would be required before discharge).
Therefore, in this instance, Purified Air would recommend that the UVO unit is installed before the ESP to ensure that the dwell time is achieved so that the odour control efficiency can be maintained to the highest level given the restrictions.

As mentioned, if the council representatives would like to discuss this further then please feel free to give them my details as I will be happy to explain this further.

Kind regards,

Emrys Hughes
Business Development Manager
T: 01708 755 414 **M:** 07538192289
Lyon House, Lyon Rd, Romford, Essex RM1 2BG
www.purifiedair.com



We also supply CPD seminars, free of charge, for Odour and Virus Control, please contact.

From: Ian Lawson
Sent: Thursday, September 5, 2024 10:48 AM
To: Emrys Hughes <emrys.hughes@purifiedair.com>
Cc: Mitch Swirles <Mitch.Swirles@tkac.co.uk>
Subject: Treehouse
Importance: High

Emrys

After some information urgently please

Treehouse Manchester drawing attached
We have install to this

We Have UVO canopy side of ESP so we can get 10mtrs before discharge.
Are we ok to install like this or do they have to be after the ESP units.

I was under impression they can be installed anywhere as long as 10mtrs from discharge.

Could you please advise

Regards
Ian

Ian Lawson
Projects Manager



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