

22 October 2021

Project Name: Alma Freshwater
Project Address: 20 Albert Street, FRESHWATER NSW 2096
Client: Impression Projects
Job Number: JB01430

To whom it may concern

RE: Emission/odour treatment for mechanical design

Kitchen exhaust system is designed with a single ESP (Electrostatic Precipitator) medium type cooking. This will treat emissions up to 94% efficiency.

In achieving this, the ESP will also breakdown odour particulate to around 50%, a level sufficient enough not to cause a nuisance to neighbouring properties. In the design we will install a provision, post ESP, of carbon filtration unit, without filters installed, if the need arises in the future.

Carbon filters will absorb all excess odours created from the cooking plume.

Considering all other restaurants and cafes within arm's length do not have treatment at all, we feel a single pass ESP, with high velocity discharge, with the cooking type proposed, will far exceed what is required to address any potential kitchen extraction discharge issues, including EPA standards.

If you require any further information please do not hesitate to contact me on 1300 4 22825.

Yours Sincerely



Jake Fellows
Director
Cavalier Installations Pty Ltd