

## Request 8821 Air Conditioning Systems

Note for all of the following questions – please provide your metrics / responses pre-Covid levels (i.e. normal operation of air-conditioning)

1. Is your system an air-conditioning system or recirculated air system?
2. Please supply the supplier name / model of your air-con system?
  - a. Is the system manual or computer controlled (automatic or allows some user intervention)
3. Please state how you comply with Regulation 5 (Maintenance of mechanical ventilation systems) and Regulation 6 (effective ventilation) of The Workplace (Health, Safety and Welfare) Regulations 1992?
4. Does the system have an alarm to warn of failure in the system specifically in relation to the general ventilation to reduce concentrations of contaminants?
5. Air recirculation – is this filtered (e.g. by AHU's) and adequately filtered to remove particulates?
6. Where are the office inflow ducts located (floor or ceiling)?
7. Where are the exhaust or stale air extract ducts located?
8. What proportion (percentage or ratio) of fresh air mix is supplied into the offices?
9. What is the rate of fresh air flow in litres per second per person?
10. What is the average air flow velocity?
11. Does the system have a humidifier to regulate humidity and what is the setting?
12. Does the system use filters (i.e. HEPA filters) in respect of air intake?
13. How often are these filters checked and replaced
14. How often is the air-conditioning system cleaned, checked and maintained?
15. What chemicals do you use to clean the system?
16. Do you have local exhaust ventilation (LEV) in the offices?
17. Do you have a system to monitor CO2 PPM and what is the threshold PPM of CO2 set at to open vents / windows to flush CO2?
18. How many complaints have been made in relation to the offices or 'Sick Building Syndrome' by employees in calendar years 2017, 2018 and 2019?
19. TM44 – when is your next assessment due, and who will be the assessor?

## **Response**

Attachment available on request.