

Ozone Odor Removal

Ozone is the most powerful natural deodorizer known to the science

Ozone can break most of the long chained odor molecular to become simple oxide and water molecular. PIE Ozonation has done a lot of jobs in odor removal in Hong Kong, Macau and PR China by ozone technology with the best results in various industries.

In modern cities, there are odor sources and creating the nuisance and most of the problem can be eliminated by ozone technology.

Hereunder are the locations used to have odor problem:

- * Kitchen, freezer, waste food decomposer
- * Grease trap and garbage room
- * Refuse chute and exhaust air duct
- * The sewage manholes inside the building
- * Sewage pump pit at basement
- * Sewage pump house, sewage treatment plant



CR-200i used at TST East station of MTRC

Ozone is safe to use

Ozone has been approved by FDA for food and drinking water sterilization and is safe to use at occupied area with low concentration (below 0.05 ppm), and no control limit when using at unoccupied area.

In Hong Kong, PIE Ozonation has applied a lot of ozone jobs of odor removal.

Hereunder are the well known clients :

- Foshan Lingnan Tiandi
- MTRC
- Disney Hotel
- IFC
- KFC at Macau and HK
- Sino Property
- W-Hotel
- Holiday Inn

Besides the foul odor cases, PIE Ozonation has applied ozone in KFC for the removal of frying chicken odor, spice factory and pet shops with satisfactory result.



CR-400i used at the garbage room and grease trap room of IFC

There are merits of using PIE Ozonation in odor removal:

- PIE Ozonation has over 10 years experience in ozone application, with the key product CR and RRA series that completed a lot of successful jobs.
- Ozone is generated by oxygen and is a natural gas and very unstable at room temperature. Unlike other chemicals, ozone will convert back to oxygen and leave no toxic residue.
- PIE Ozonation can improve the overall environmental hygiene and driving away cockroach and mice effectively and safely.
- Ozone machine needs NO chemical. It saves the money for chemical consumption and the space for chemical storage.
- PIE Ozonation is reliable and durable. We have machines at Olympic station and Hong Kong station of MTRC with good working record for over 9 years.

臭氧除臭

臭氧是科學上已知的最有效『除臭氣體』

臭氧可於極短時刻，將『臭味分子』拆開成為簡單氧化物和水分子。臭氧在除臭同時，能有效殺菌消毒，這是臭氧的優越特性。

PIE Ozonation已成功為香港、澳門及中國內地，於不同類型商廈、酒店食肆、大型商場，解決了不少室內臭味、異味問題，成功個案眾多。

城市生活中，產生臭味源頭，多來自以下地點：

- * 廚房、凍庫、廚餘分解機
- * 隔油池、垃圾房
- * 垃圾槽、排氣槽
- * 大廈內污水井
- * 地牢最低層污水泵井
- * 污水泵房、污水廠



CR-200i 應用於港鐵尖東站

只要安全使用，臭氧絕無危險

根據FDA，臭氧可使用在無人空間，是符合一切安全標準。

歐洲、美國日本等和所有現代國家，早已直接使用臭氧於食水和食品，作消毒用途。用於其他以臭氧技術除臭和提升環境衛生，個案多不勝數。

PIE Ozonation 在香港已有多項成功案例，客戶群組廣闊，其中包括：

- 佛山嶺南天地
- 香港鐵路有限公司
- 迪士尼酒店
- 國際金融中心
- 肯德基(香港及澳門)
- 信和管業
- W酒店
- 假日酒店



CR-400i 應用於國際金融中心垃圾房及隔油池

一些特殊個案，如應用於：KFC 炸雞味，寵物班課室，香料廠...PIE Ozonation 都能成功解決問題。

PIE Ozonation 除臭技術有下列優點：

- PIE Ozonation 累積過往10年經驗，設計和生產CR, RRA 系列，成功利用臭氧技術的優點，應用於除臭項目，成功個案極多，無出其右。
- 臭氧於室溫下極不穩定。臭氧會迅速反應後回復氧，沒有毒性殘留，這是臭氧的安全和潔淨特性。
- PIE Ozonation 充份掌握臭氧濃度，能除臭、同時消毒、抑制霉菌，最適宜食品加工行業。
- 臭氧能提升該空間的環境衛生，驅除蟲鼠。相比滅蟲藥，PIE Ozonation 安全可靠。
- 臭氧運作時不需耗用任何化學品。省卻化學費用，儲存地方和人手等。
- PIE Ozonation 臭氧機，效能穩定，其中個案是應用於港鐵香港站、奧運站，用於污水泵井，運行已近九年。