

## ***CASE STUDY – Commercial Offices***

**Location:** A new 8 floor corporate tower designed for around 400 employees.

### **Reported Concerns:**

- Quality of air in new premises
- Off-gassing suspected from new construction materials and carpets
- Employee general health issues (headaches, drowsiness) and sick days
- Unforeseen odours due to cooking facilities on each floor that migrated to other occupied areas.

**Objectives:** Landlords and tenant companies wanted to significantly lower the measured Volatile Organic Compounds (VOC's) levels and eliminate lingering food odours. Also to try to reduce illness and sick days and provide a healthier and more productive environment.

**Solution:** 12 Odorox® In-Duct (IDU) units were installed into the existing HVAC ducting on each of 2 floors to treat all occupied spaces on those floors. The effects were monitored by landlords.

**Result:** Original VOC levels measured 4000-8000ppm but after 30 days of IDU operation the VOC level was 50ppm and odours had gone. Within 60 days VOCs were undetectable. The landlords considered the installation a success and commissioned IDUs for the other 6 floors.

