

Case Study 4 – Split System Hygiene & Mould Remediation

Pre-remediation results

- Extremely high airborne fungal levels in rooms.
- Extremely high surface fungal levels on coils, fan blades, fins, barrel and caulging.
- Mouldy odours coming out of Split system AC

Scope of Works

- Hygienic cleaning and mould remediation of split system AC including coils, fan blades, fins, barrel and caulging
- Clearance testing after all works completed

Post-remediation results

- Low surface fungal levels on split system AC components
- No mouldy odours from split system AC

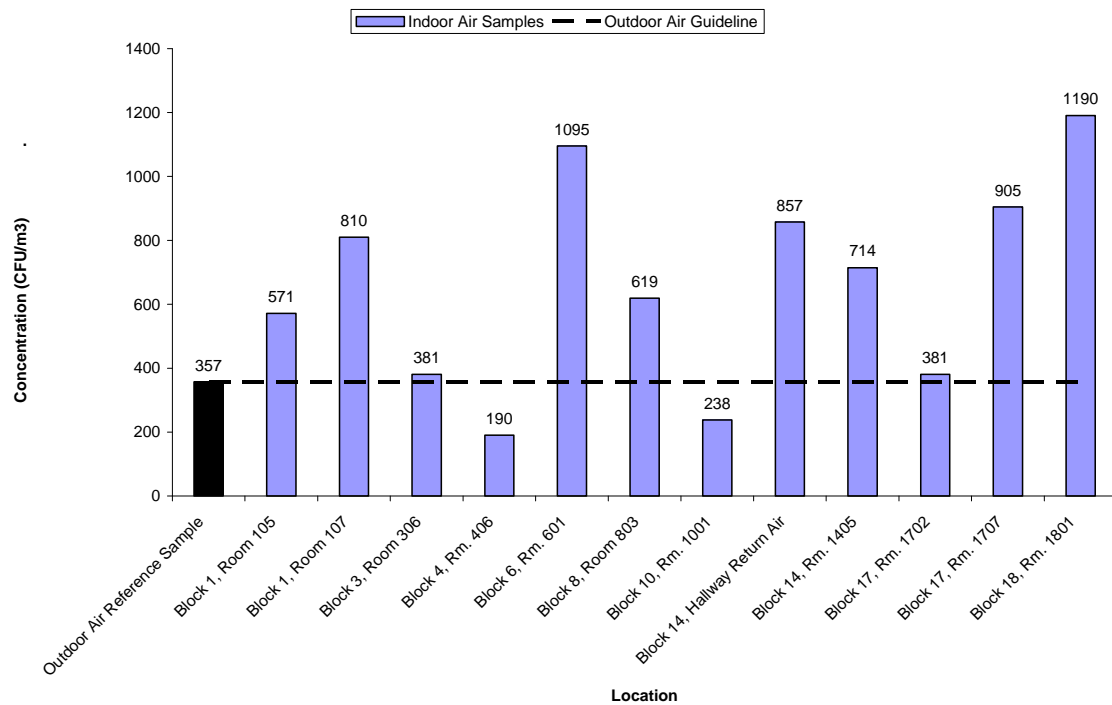


Figure 1 Airborne Fungal Concentration: Pre-remediation

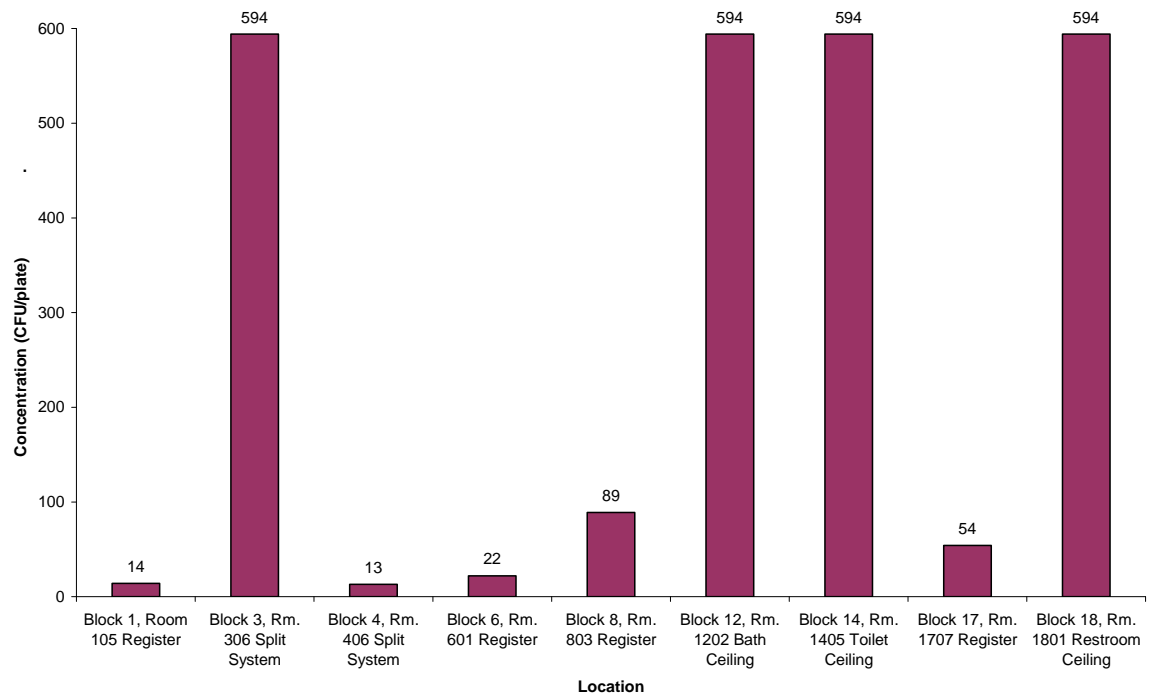


Figure 2 Surface Fungal Concentration: Pre-Remediation



Figure 3 Fan blades prior to hygiene & mould cleaning



Figure 4 Cooling coils prior to hygiene & mould cleaning

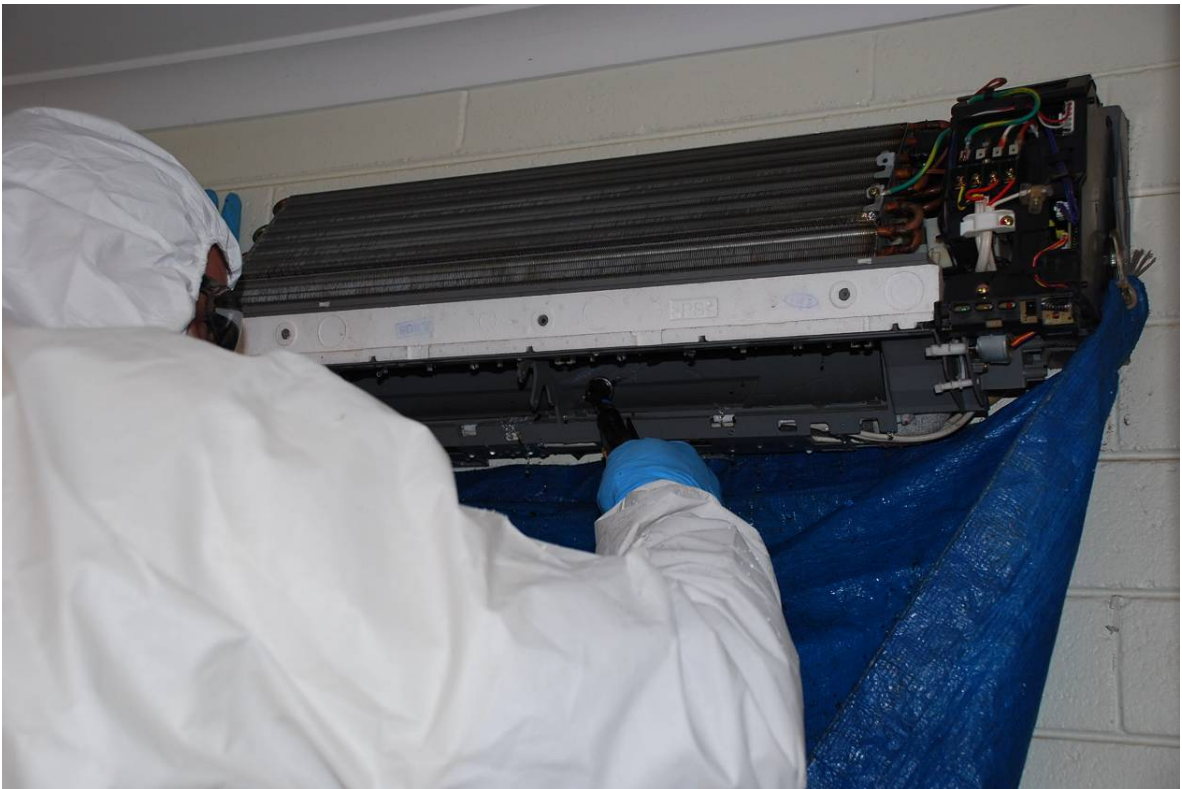


Figure 5 Remediation of fan caulking & barrel of split system HVAC



Figure 6 Remediation of cooling coils on split system HVAC



Figure 7 Fan blades after hygiene & mould remediation



Figure 8 Cooling coils after hygiene & mould cleaning

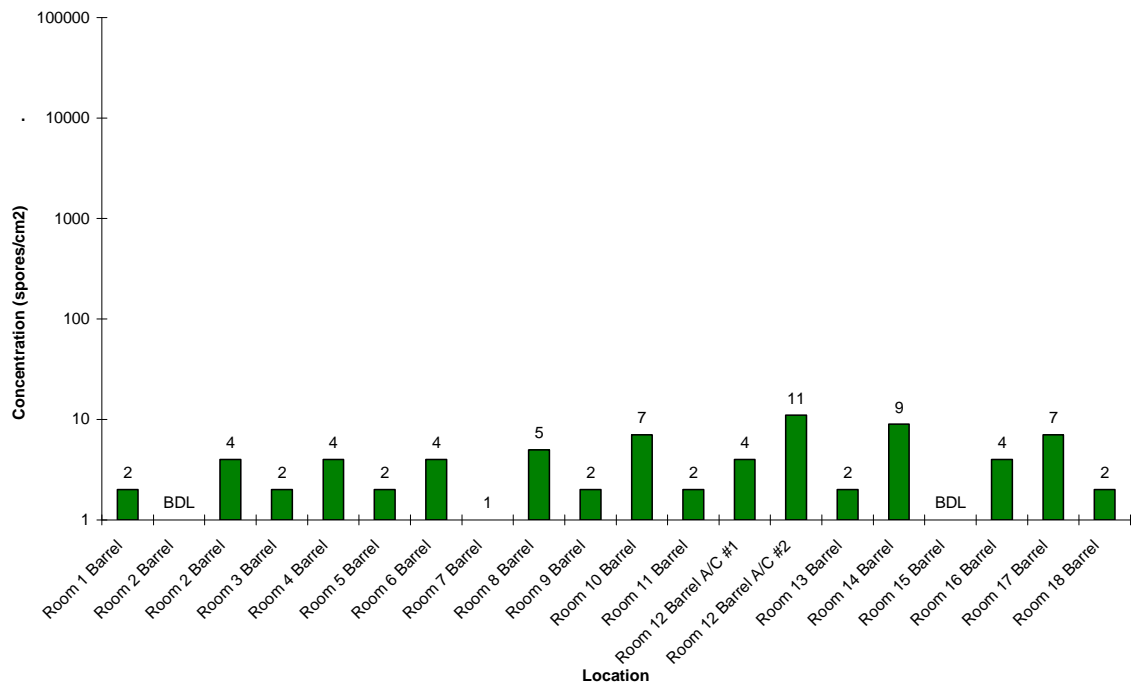


Figure 9 Surface Fungal Concentrations: Post-remediation

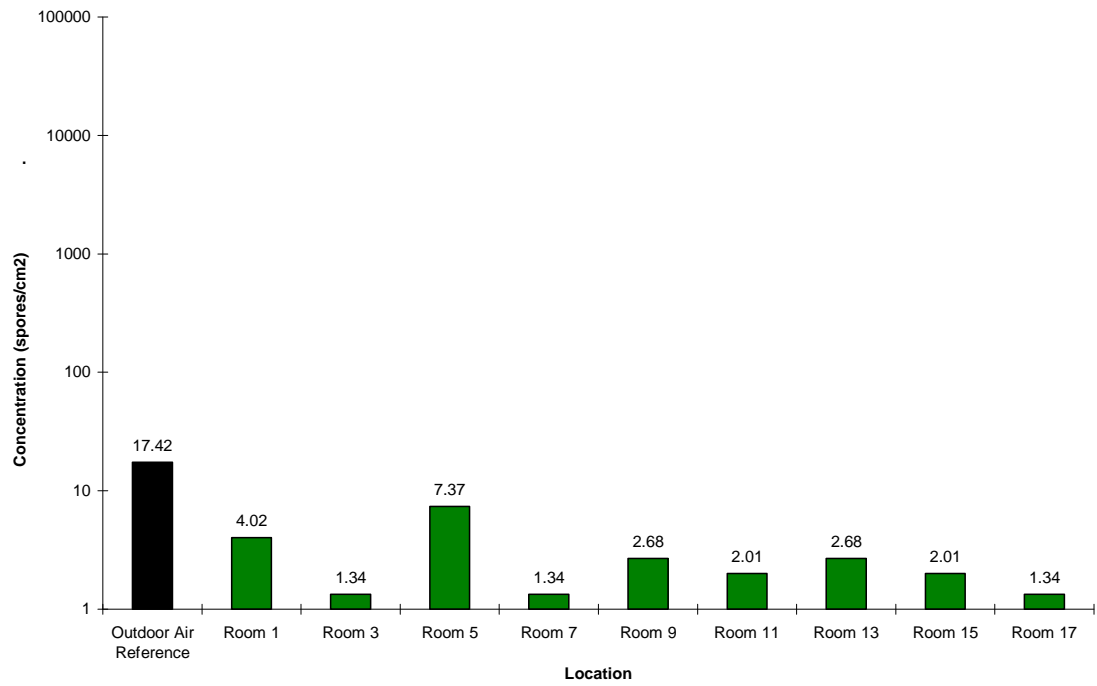


Figure 10 Airborne Fungal Concentrations: Post-remediation