



SAN-AIR™ TREATMENT IN BUS AIR CONDITIONING

Public transport vehicles fitted with air conditioning undergo once a year service. This service may or may not include washing the air conditioning coils and the filters. Bus air conditioning is just as prone to build up of mould and bacteria as any indoor air situation.

Four vehicles were chosen because of their presentation of treatment. Two had been using SAN-AIR™ for about 2 years, one had only recently started and had been serviced 10 months prior, and a fourth bus had unknown service history.

The results show vehicles using SAN-AIR™ have, a better than 80% improvements in germ count than vehicles not treated with SAN-AIR™. The best result obtained in this study was 91% improvement.

Using SAN-AIR™ we have achieved:

- ✓ a healthier environment for passengers and bus employees;
- ✓ compliance to indoor air quality standards;
- ✓ an improved maintenance service cycle;
- ✓ elimination of occasions where the bus has to be taken out of service due to bad odours from air conditioning.

INTRODUCTION

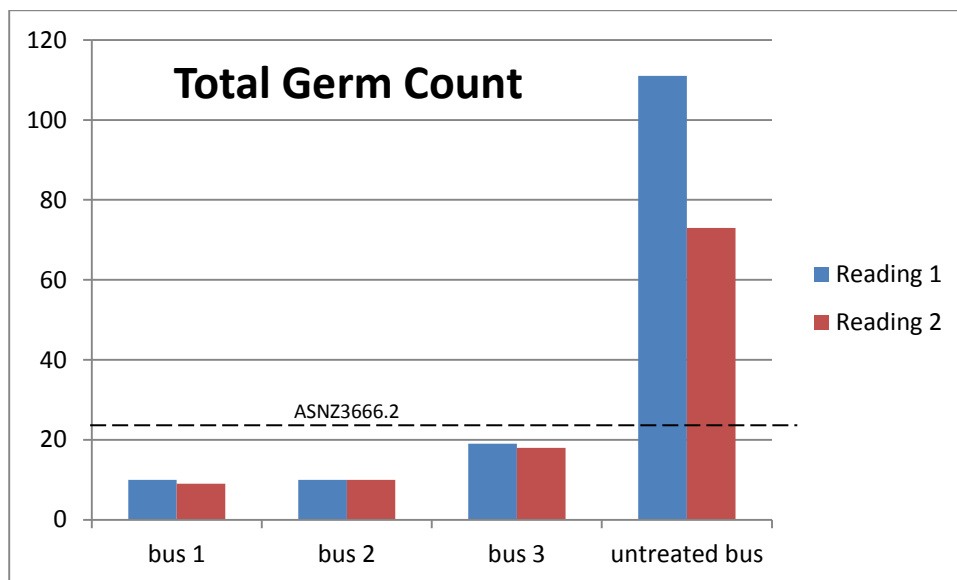
An efficacy case study at a single bus depot, belonging to a small private organisation¹, whose business credo includes making use of any method available that improves the wellness of their vehicles for the benefit of their customers.

The vehicles identified as 101,102,103,104 had used SAN-AIR_{tm} at various levels. Two readings were taken 2 weeks apart.

Bus ID	Bus SAN-AIR _{tm} usage
101	Has been using SAN-AIR _{tm} for about 2 years.
102	Has been using SAN-AIR _{tm} for about 2 years
103	Commenced using SAN-AIR _{tm} one week before reading 1 was taken. This bus was serviced externally 10 months prior to this test.
104	no SAN-AIR _{tm} treatment

Standard ASNZ3666.2 says that maximum recommended count before action is needed is 1000 Counts per Cubic Meter of Air (Note: 1000 counts is equivalent to a Test Kit reading of not more than 21 total counts (mould plus bacteria)).

RESULTS



CONCLUSION

The results show vehicles using SAN-AIR_{tm} have 97% lower mould contamination and 60% lower bacteria counts than vehicles not treated with SAN-AIR_{tm}.

Using SAN-AIR_{tm} enables easy compliance with ASNZ3666.2.

Using SAN-AIR_{tm} for **one week** enables Bus 3 to reduce germ counts below ASNZ3666.2.

Without SAN-AIR_{tm} the servicing of Bus 4, while achieving lower germ count, could not achieve ASNZ3666.2.

¹ Name withheld for privacy