



Papamoa Beach,
Papamoa 3118
TAURANGA

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www.ultrasonic-leakdetection.co.nz

Client: **Plastics Manufacturing – Central, NZ**
Service: **Compressed Air Leak Survey carried out 7th – 10th August**

As requested, the supplied log also contains individual worksheets for each department as named below to further assist with your maintenance program.

Full Site Summary

Hours of Operation	Full Capacity (CFM)	Loss Assessment	Estimate of Air Loss (CFM)	Annual Loss (kWhrs)	Cost per kWhr	Annual Cost of Loss	Fix Rate	Estimated Immediate Savings
6500	1683	22.8%	384.3	317,234	\$0.150	\$47,585	42.0%	\$19,986

Department 123

Hours of Operation	Full Capacity (CFM)	Loss Assessment	Estimate of Air Loss (CFM)	Annual Loss (kWhrs)	Cost per kWhr	Annual Cost of Loss	Fix Rate	Estimated Immediate Savings
6500	701	21.2%	148.6	122,676	\$0.150	\$18,401	31.6%	\$5,815

Department 789

Hours of Operation	Full Capacity (CFM)	Loss Assessment	Estimate of Air Loss (CFM)	Annual Loss (kWhrs)	Cost per kWhr	Annual Cost of Loss	Fix Rate	Estimated Immediate Savings
6500	983	24.0%	235.7	194,558	\$0.150	\$29,184	46.3%	\$13,512

The following pages contain full individual summaries for each of these department names.

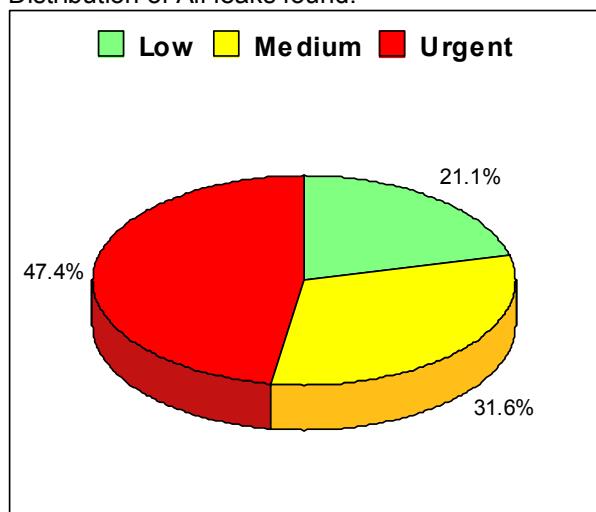
Kevin Cunliffe - (Airborne Ultrasound Certified, NZCS - Applied Physics, NZCE - Mechanical Engineering)
Survey Specialist
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Department 123 Summary:

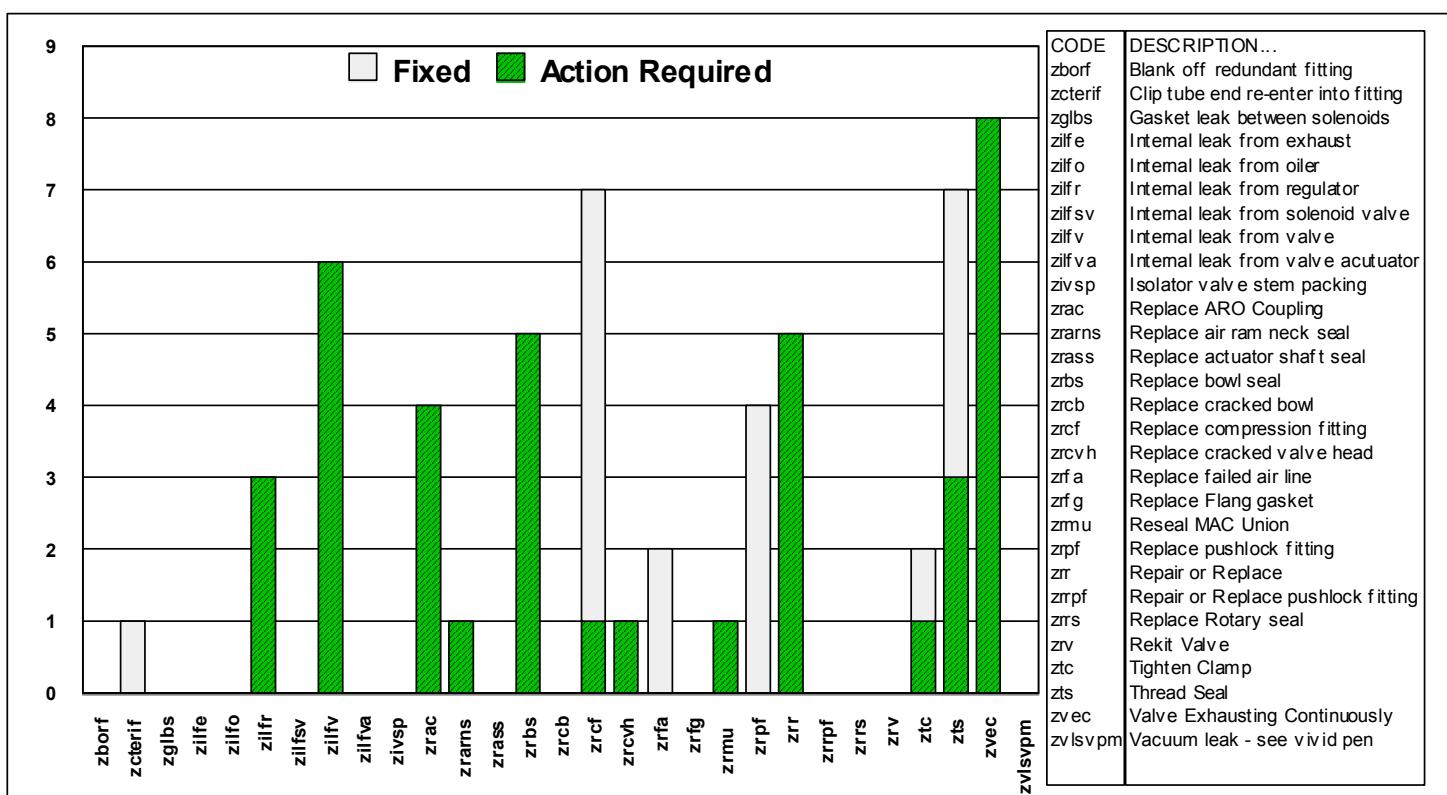
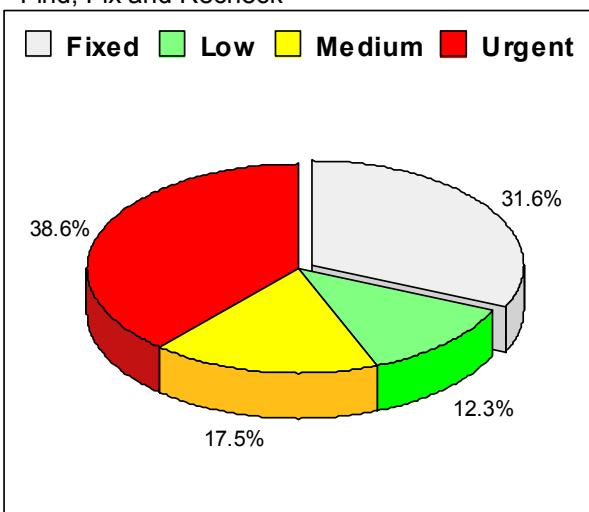
The compressed air leak survey under-taken resulted in **57** air leaks being identified.

Hours of Operation	Full Capacity (CFM)	Loss Assessment	Estimate of Air Loss (CFM)	Annual Loss (kWhrs)	Cost per kWhr	Annual Cost of Loss	Fix Rate	Estimated Immediate Savings
6500	701	21.2%	148.6	122,676	\$0.150	\$18,401	31.6%	\$5,815

Distribution of All leaks found:



"Find, Fix and Recheck"

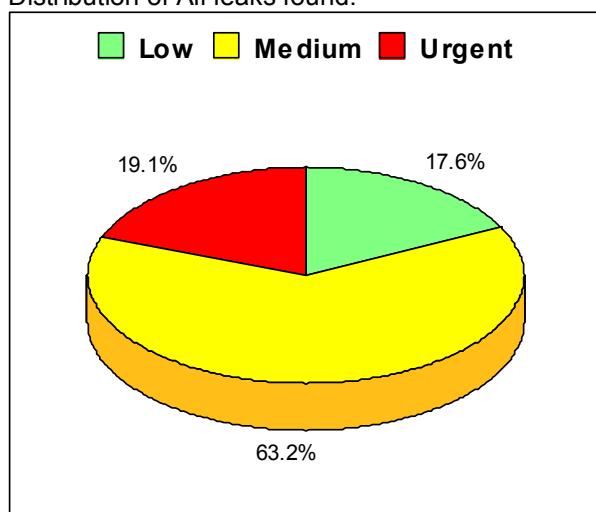


Department 789 Summary:

The compressed air leak survey under-taken resulted in **136** air leaks being identified.

Hours of Operation	Full Capacity (CFM)	Loss Assessment	Estimate of Air Loss (CFM)	Annual Loss (kWhrs)	Cost per kWhr	Annual Cost of Loss	Fix Rate	Estimated Immediate Savings
6500	983	24.0%	235.7	194,558	\$0.150	\$29,184	46.3%	\$13,512

Distribution of All leaks found:



“Find, Fix and Recheck”

