

COMPRESSED AIR

LEAK AUDIT

Finding a leak is not enough.... Quick and Easy Savings on Compressed Air

EASY WAY OF GETTING CONTROL ON COMPRESSED AIR LEAKS...

In today's modern industrial operations, compressed air is a key utility and rank higher in terms of importance. A poorly maintained and leaking system will continually drain resources, have a negative impact on energy and never fulfill demand. An inefficient, energy-wasting system further hurts the environment through additional and unnecessary greenhouse gas emissions.

ASG Energy solutions provide complete solutions for compressed air system including finding the leaks, proper sizing of the compressed air system, system performance and supports in implementing the rectification and corrective actions. We understand the importance of the **"ENERGY SAVING NEEDS IN TODAY'S ENVIRONMENT"**

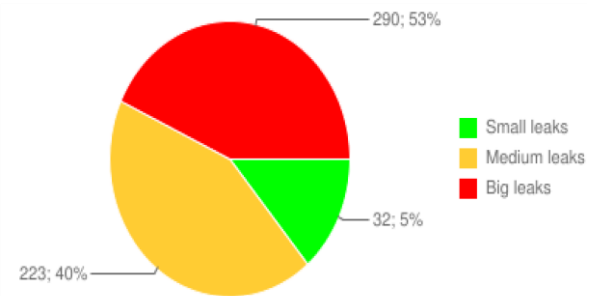
Our audits are tailor made solutions for implementing in ISO standard requirements to energy use and compressed air system.

Every leak spot is identified with its own serial number, location description, description of leaking part and picture. For each leak you estimate time needed for repairs and cost of material.



Leakage Distribution

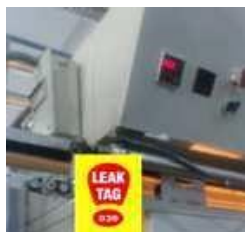
	All leaks	Big leaks	Medium leaks	Small leaks
Number of leaks	545	290	223	32
Defined leaks	512	271	211	30
Undefined leaks	33	19	12	2



FLOW CONTROL VALVE



AIR BLOWING



CONTROL VALVE



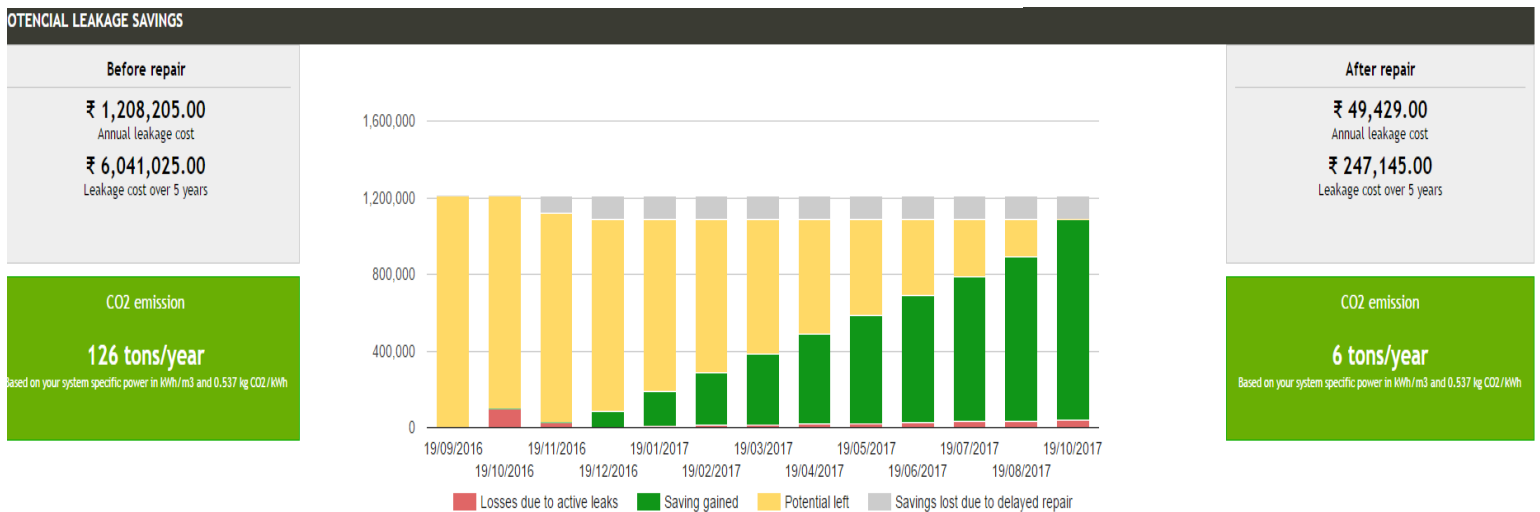
BALL VALVE



List of Leaks

Leak ID	dB	Pressure	Micro location	Leak description	Repair description	Material description	Estimated repair time	Defined	Repair material cost	Flow	Annual leak cost	
		barg					min		INR	CFM	INR	
1	37		7	com room dryer out	hex nipple retighten	Thread Sealant	30	yes	100	0.80	5,118.00	
2	30		7	dryer in	hex nipple retighten	Thread Sealant	30	yes	100	0.62	3,966.00	
3	37		7	comp room	hydraulic hose retighten	Refix	20	yes	0	0.80	5,118.00	
207	57	6.5	line 3	PU Connector	Replace	PU Connector 1/2" x 8mm	15	yes	115	1.42	9,052.00	
5	30		7	comp room	filter in retighten	Thread Sealant	30	yes	100	0.62	3,966.00	
6	37		7	comp room	filter out retighten	Thread Sealant	30	yes	100	0.80	5,118.00	
7	24		7	comp	flange gasket replace gasket	Gasket	30	yes	100	0.45	2,902.00	
8	34		7	comp room	welding leak re weld	Welding	30	yes	150	0.74	4,726.00	
9	25		7	comp room	pressure gauge valve retighten or replace valve	Siphon Cock	20	yes	300	0.45	2,902.00	
10	35		7	comp room	filter drain refix or replace	Filter Drain Valve	20	yes	275	0.74	4,726.00	
							TOTAL ESTIMATED	Estimated repair time	#Defined Leaks	Repair material cost (INR)	Flow CFM	Annual leak cost (INR)
								9905 (165.1h)	512/545	196,945.00	591	3,773,115.00

Potential Saving



Your company is saving ₹ 1,158,776.00 per year which equals 120 ton CO₂/year

Contact us for Leak Management :



Be the energy saver for earth favor.

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