



## Inappropriate Uses for Compressed Air

Inappropriate Use of Compressed Air	Description and Examples	Potential Solutions
Abandoned Equipment	<ul style="list-style-type: none"> <li>Compressed air continues to be supplied to equipment that remains in place yet does not operate.</li> </ul>	<ul style="list-style-type: none"> <li>Install shut off valves</li> <li>Remove redundant equipment</li> </ul>
Aspirating	<ul style="list-style-type: none"> <li>Aspirating uses compressed air to induce the flow of another gas with compressed air such as flue gas</li> </ul>	<ul style="list-style-type: none"> <li>Low-pressure Blower</li> </ul>
Atomizing	<ul style="list-style-type: none"> <li>Atomizing uses compressed air to disperse, or deliver, a liquid to a process as an aerosol</li> </ul>	<ul style="list-style-type: none"> <li>Low-pressure Blower</li> </ul>
Dense phase transport	<ul style="list-style-type: none"> <li>Dense phase transport is used to transport solids in a batch format</li> </ul>	<ul style="list-style-type: none"> <li>Low to High Pressure Blowers</li> </ul>
Open blowing	<ul style="list-style-type: none"> <li>Blowing using compressed air applied with an open, unregulated tube, hose, or pipe for cooling</li> <li>Drying</li> <li>Clean up</li> </ul>	<ul style="list-style-type: none"> <li>Brushes</li> <li>Brooms</li> <li>Blowers</li> <li>Electric fans</li> <li>Mixers</li> <li>Nozzles</li> </ul>
Padding	<ul style="list-style-type: none"> <li>Padding is using compressed air to transport liquids and light solids.</li> </ul>	<ul style="list-style-type: none"> <li>Low and Medium Pressure Blowers</li> </ul>
Personnel cooling	<ul style="list-style-type: none"> <li>Personnel cooling using compressed can be dangerous from fine particles in the air, or unsecured hoses striking personnel</li> </ul>	<ul style="list-style-type: none"> <li>Fans</li> </ul>
Sparging	<ul style="list-style-type: none"> <li>Sparging is aerating, agitating, oxygenating, or percolating, liquid with compressed air</li> </ul>	<ul style="list-style-type: none"> <li>Low-pressure Blowers</li> <li>Mixers</li> </ul>
Unregulated Equipment	<ul style="list-style-type: none"> <li>End use equipment operating without a regulator at full system pressure</li> </ul>	<ul style="list-style-type: none"> <li>Install Pressure Regulators</li> </ul>
Vacuum generation	<ul style="list-style-type: none"> <li>Compressed air is sometimes used in conjunction with a venturi to generate a negative pressure vacuum</li> </ul>	<ul style="list-style-type: none"> <li>Vacuum Pump</li> </ul>

You can make a difference. Fix Leaks. Cut Costs. Save Energy.