Dust Collector Maintenance Checklist

Below is a list of regular maintenance items that should be preformed on your dust collector every six months to ensure that it is running properly and efficiently. If you need assistance with the list, or discover in issue with your dust collector, call the dust collection experts at Imperial Systems.

- [ ] **1. Record your differential pressure.**

  This is important to regularly monitor differential pressure in order to notice any changes. Changes in differential pressure can indicate that it's time to change filters, or that there is a problem with the collector.

- [ ] **2. Check drums and hopper.**

  Overflowing your dust collection drum can cause a mess in your facility, and if the dust backs up into your collector it can ruin both your filters and your unit.

- [ ] **3. Inspect valves and hoses.**

  Ensure that all your valves are working at the same time, and that they are opening all the way and closing all the way. If your valves aren't working well, the filters in your dust collector cannot be properly pulsed clean.

- [ ] **4. Examine door seals and gaskets.**

  A dust collector's gaskets can become worn and cracked. Because these seals keep the dust inside the unit, it is important to inspect them and replace them if needed.

- [ ] **5. Check compressed air pressure.**

  Dust collectors pulse clean with compressed air, but too much or too little compressed air can cause issues. Too much compressed air may damage filters. Too little compressed air will not effectively clean the filter.

- [ ] **6. Inspect airlock wipers.**

  Because airlocks isolate the collection container from the dust collector, it is important to inspect the airlock wipers. These wipers should be replaced at least once a year.

- [ ] **7. Lubricate fan bearings.**

  A dust collection system can't operate without the fan; shutting down the fan may require shutting down your entire operation. Lubricate fan bearings according to your fan's manual.

Questions?

We can help! The ServiceMAXX technicians at Imperial Systems service all brands of dust collectors. We can assist with regular maintenance, trouble-shooting, and filter changeout.

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