



Inspection Log & Maintenance Check List for Dust Collectors

Dust Collector #: _____ Model No. _____ Filters Required _____

Date					
Time					
Inspector					
Daily					
Record Differential Pressure (dP)	"wc	"wc	"wc	"wc	"wc
Is timer sequencing, row by row?	Y / N	Y / N	Y / N	Y / N	Y / N
Are solenoids operating?	Y / N	Y / N	Y / N	Y / N	Y / N
Are diaphragm valves firing?	Y / N	Y / N	Y / N	Y / N	Y / N
*Hopper discharge device operating?	Y / N	Y / N	Y / N	Y / N	Y / N
Any visible stack emissions?	Y / N	Y / N	Y / N	Y / N	Y / N
Weekly					
Record compressed air pressure.	PSIG	PSIG	PSIG	PSIG	PSIG
Clean compressed air filter trap.	()	()	()	()	()
Check tubesheet for bag leaks.	()	()	()	()	()
Check that hopper is empty.	()	()	()	()	()
Monthly					
Are there leaks in access doors?	Y / N	Y / N	Y / N	Y / N	Y / N
Check door seals for deterioration.	()	()	()	()	()
Check air lines & fittings for leaks.	()	()	()	()	()
Blow out dP gauge lines.	()	()	()	()	()
Semi-Annually					
Record pulse duration.					
Record pulse delay.					
Check filter condition (dirty side).	()	()	()	()	()
*Check fan, belt tension, etc.	()	()	()	()	()
Annually					
Check case/support for corrosion.	()	()	()	()	()
Check all bolts and welds.	()	()	()	()	()
Check ductwork for build-up of dust.	()	()	()	()	()
Bag dye penetrant test.	()	()	()	()	()

*Lubrication of bearings, reducers, etc. should be done periodically and per specific Manufacturer's O & M manuals recommendation. Schedule maintenance and/or repair of any malfunctioning components, excessive corrosion or parts' replacement.

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