

COMBUSTIBLE DUST SAFETY

Collectors & Filters Safety Checklist

Combustible Dust Safety · Indiana Manufacturers · collectorsandfilters.com

For informational use only. Does not take the place of a formal Dust Hazards Analysis.

Facility Name	_____	Date	_____
Completed By	_____	Dust Type(s)	_____

1 HAZARD IDENTIFICATION

CRITICAL

Requirement	YES	NO	N/A	Notes
1. ● Has the facility determined and documented whether all dusts and particulate solids handled on site are combustibile or explosible? <small>Note: Absence of prior incidents cannot be used to assume non-combustibility (§5.2.4)</small>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. Has a documented sampling plan been developed and representative dust samples collected for testing?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. If self-heating, water reactivity, or chemical reactivity hazards exist — are storage and process conditions actively controlled?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

2 DUST HAZARDS ANALYSIS (DHA)

CRITICAL

Requirement	YES	NO	N/A	Notes
4. ● Has a DHA been completed for ALL new and existing processes and facility compartments? (Applies retroactively.) <small>Note: Most commonly cited deficiency in Indiana OSHA combustibile dust inspections</small>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5. ● Was the DHA performed or led by a qualified person with documented combustibile dust hazard experience?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6. Are DHA results documented with action items, and has the DHA been reviewed/updated within the last 5 years?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7. Have all DHA action items been tracked, assigned to responsible parties, and resolved — or documented with target dates?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

3 MANAGEMENT SYSTEMS

HIGH

Requirement	YES	NO	N/A	Notes
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8. ● Is a written housekeeping program in place with defined frequency, methods, and a threshold dust accumulation limit? <small>Note: Indiana IC 22-8 — OSHA actively enforces the National Emphasis Program for combustible dust</small>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. ● Are all employees trained on combustible dust hazards? Is refresher training provided at least every 3 years?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Is a written hot work permit program in place, and are areas cleaned of all combustible dust before hot work begins?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Is there a written management of change (MOC) procedure covering process materials, equipment, and facility modifications?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

4 HAZARD MITIGATION & EQUIPMENT CRITICAL

Requirement	YES	NO	N/A	Notes
12. ● Are all dry air-material separators (AMS) with explosion hazard and dirty-side volume $\geq 8 \text{ ft}^3$ located outside, OR protected by venting/suppression/containment per §9.8.2?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13. ● Is all operating equipment with a dust explosion hazard and containing volume $> 8 \text{ ft}^3$ protected by deflagration venting, suppression, containment, or inerting?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14. Are isolation devices provided per NFPA 69 to prevent explosion propagation between connected dust-handling equipment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

5 EMERGENCY PLANNING HIGH

Requirement	YES	NO	N/A	Notes
15. ● Is a written emergency response plan in place covering fires, flash fires, and explosions — with evacuation routes, assembly area, and fire department contact? Has it been shared with local emergency responders and reviewed within the last 12 months? <small>Note: Applies retroactively to all facilities</small>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Scoring Guide: ● YES = Compliant ● NO = Gap — corrective action required ● N/A = Not applicable to this facility

Assessor Name & Title	Signature / Date	Next Review Date

Is Your Facility NFPA 660 Compliant?

If you answered NO to any item above, Collectors & Filters can help.
We've been designing dust collection systems for Indiana manufacturers since 1955.

- ✓ Dust Hazard Analysis Support
- ✓ System Upgrades Built to NFPA 660
- ✓ Explosion Protection Sizing & Spec
- ✓ Site Walkthroughs — Most Q's Answered Same Day

Collectors & Filters Inc. — Whitestown, Indiana

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IMPORTANT LEGAL DISCLAIMER — PLEASE READ BEFORE USE

NOT A SUBSTITUTE FOR A DUST HAZARDS ANALYSIS (DHA). This checklist does not take the place of a formal Dust Hazards Analysis (DHA) as required by NFPA 660 Chapter 7. A DHA must be performed or led by a qualified person with documented experience and education in combustible dust hazard assessment. Completion of this checklist — in whole or in part — does not satisfy the DHA requirement under NFPA 660, OSHA standards, or any applicable federal, state, or local regulation.

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NO WARRANTY OR GUARANTEE OF COMPLIANCE. Answering "YES" to any or all items on this checklist does not guarantee, certify, or imply that your facility is in compliance with NFPA 660, OSHA 29 CFR 1910, Indiana IC 22-8, or any other applicable standard, code, or regulation. Regulatory requirements change. This checklist may not reflect the most current edition of NFPA 660 or all applicable requirements for your specific industry, process, dust type, or jurisdiction.

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NOT A SAFETY PROGRAM. This checklist is not a safety program, safety management system, process safety management (PSM) plan, or combustible dust management program. It does not identify, evaluate, or control all hazards present at your facility. Combustible dust hazards vary significantly based on dust type, particle size, moisture content, process conditions, facility layout, ignition sources, and many other factors that this checklist does not and cannot fully address. A "YES" response to any item does not mean the associated hazard has been adequately controlled for your specific facility conditions.

NO PROTECTION FROM REGULATORY ACTION. Completion of this checklist provides no protection from OSHA citations, Indiana IOSHA enforcement actions, insurance coverage disputes, civil litigation, criminal liability, or any other regulatory, legal, or financial consequence. OSHA enforces combustible dust requirements under the General Duty Clause (Section 5(a)(1) of the OSH Act) and through the National Emphasis Program (NEP) for combustible dust. Compliance with this checklist does not constitute compliance with OSHA requirements.

CONSULT QUALIFIED PROFESSIONALS. Combustible dust compliance is a complex technical and legal matter. You should not rely solely on this checklist to make decisions about your facility's safety, equipment design, engineering controls, or regulatory compliance. Collectors & Filters Inc. strongly encourages all facilities handling combustible dusts to engage a qualified engineer, certified industrial hygienist (CIH), or certified safety professional (CSP) experienced in combustible dust hazards to conduct a formal Dust Hazards Analysis and develop a comprehensive dust safety program tailored to your specific operations.

ACCURACY AND COMPLETENESS NOT GUARANTEED. While Collectors & Filters Inc. has made reasonable efforts to reference applicable NFPA 660-2025 requirements, we make no representation or warranty — express or implied — that this checklist is accurate, complete, current, or suitable for any particular purpose. NFPA standards are revised periodically. The user is solely responsible for verifying that the requirements referenced herein reflect the currently adopted edition of NFPA 660 in their jurisdiction and for any industry- or commodity-specific chapters (Chapters 21–25) that may apply to their operations.

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