



Default is discharge to outdoors. Recirculate only if all three are on the drawing: 99.9% at 10 microns, vapor under 25% LFL, and approved continuous monitoring.

Original Masterbuild PE packet from Daily Code Talk on 2024 IMC 510.1.3. Confirm the adopted edition. Distinct from 509 hazardous exhaust. This is not a collector sizing. Environmental agencies may also permit recirculation of certain dusts — confirm that separately.

☐ **Dust / stock / refuse conveying exhaust must discharge to the exterior unless contaminants are removed.**

Directly by flue, or indirectly through the bin or vault the system discharges into.

☐ **Recirculation only if all three: (1) particulate removal minimum 99.9% at 10 microns; (2) vapor concentrations < 25% of th**

Missing one → exhaust outdoors.

☐ **Do not treat dust conveying as general return air.**

Do not leave discharge routing for the field to guess.

The fail we see first

“Recirculating dust collector” with no 99.9% @ 10 μ m, no LFL monitoring, no statement of where the air goes. A system designed for recirc that later has to exhaust outdoors is a significant redesign.

What to send: whether the collector is labeled recirculating, the filter rating, and whether a vapor monitor is shown.

Send the comments. Not the County guideline.

Folio (does it start with 30?), process or UP number, and the comments PDF. Masterbuild will say which row is actually open.

masterbuildconsulting.com/send/

+1 (786) 398-6940 · Calendly: 30-minute scoping call

Masterbuild provides engineering services under a written scope. Not a collector sizing. Confirm adopted 510.1.3. This is not legal advice.