



A dip tank is not a spray booth with the gun unplugged. Each booth or room gets its own exhaust to outdoors unless the manifold rules are actually met.

Original Masterbuild PE packet from Daily Code Talk on 2024 IMC 502.7.3.5–502.7.7. Confirm the adopted edition. Distinct from 502.7 spray (gun dies if the fan dies) and 502.12 coating (1 cfm/ft² at the floor). This is not a dip-tank design and not a cfm. Daily Code Talk does not publish a face velocity here — so this packet does not either.

☐ **Name the process: dipping, electrostatic, or powder. “Paint room” is not a row.**

Do not call it “spray” on the schedule and hope 502.7.3’s gun interlock covers a tank that never had a gun.

☐ **Each booth or room: its own exhaust to outdoors unless the strict manifold conditions are documented.**

Do not manifold into toilet exhaust or house return.

☐ **Fan construction: non-sparking wheels. Motors out of the airstream.**

503 still governs the listing if the exhaust is hazardous. The educational test is vapors well below hazardous levels.

The fail we see first

A dip tank under a ceiling grille, motor in the airstream. Or three tanks on one environmental riser.

What to send: whether this is a dip tank, an electrostatic line, or a powder booth; whether each has its own outdoor exhaust; and a cut of the fan.

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.

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Masterbuild provides engineering services under a written scope. Not a dip-tank design. Confirm adopted 502.7.7. This is not legal advice.