



A battery charging area is not a storage closet with a transfer grille. Exhaust so flammable gas cannot build up. Off-gassing stays controlled — not “the manufacturer will handle it.”

Original Masterbuild PE packet from Daily Code Talk on 2024 IMC 502.3–502.5. Confirm the adopted edition. Distinct from 304.5 hydrogen generating and 404 garage ventilation. This is not a battery-room design.

☐ **502.3: exhaust powered industrial-truck and equipment charging areas so flammable gas cannot build up.**

Forklifts charging in a garage with no 502.3 path is the miss.

☐ **502.4–502.5: vent stationary battery rooms and cabinets per IMC 502 and the fire code.**

Battery type, hazard basis, ventilation path, control sequence, alarm interface, and fire-protection coordination — all traceable. Not a toilet-exhaust grille.

☐ **Do not lump these into generic “exhausted rooms.” Makeup air sized to replace that exhaust.**

Lithium and lead-acid are different chemistries. Name the type.

The fail we see first

A lithium or lead-acid room with a toilet-exhaust grille. Or charging forklifts in a garage with a transfer grille to the corridor.

What to send: the battery type (or charging equipment), the room or cabinet, whether exhaust is dedicated to outdoors, and any fire-code or manufacturer ventilation claim.

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

Masterbuild provides engineering services under a written scope. Not a battery-room design. Confirm adopted 502.3–502.5. This is not legal advice.