



Do not copy the gasoline 18-inch inlet onto a hydrogen bay. Light gas goes to the ceiling.

Original Masterbuild PE packet from Daily Code Talk on 2024 IMC 502.16. Confirm the adopted edition. Distinct from 502.1.2 gasoline pickup and 304.5 generating/refueling. We do not invent a single cfm number — the rate is based on room volume. Put that basis on the schedule.

☐ **Mechanical exhaust. Inlets low. Outlets high. Rate based on room volume.**

Copying the gasoline 18-inch rule onto a CNG or hydrogen bay is the miss 502.16 is written to catch.

☐ **Automatic shutdown of fueling when exhaust fails.**

Exhaust failure that leaves the dispenser live is the inspection item. Show it on the electrical sheet, not as a mechanical note.

☐ **Hydrogen repair must also meet NFPA 2.**

Fire-marshal first. 304.5 is generating/refueling; 502.16 is the repair garage. Both can exist on one site.

The fail we see first

A hydrogen bay with a low gasoline-style inlet and no fueling interlock. Treated as a 404 CO-sensor garage.

What to send: CNG, LNG, or hydrogen (or gasoline), a section showing inlet and outlet height, and whether fueling shuts down on exhaust failure.

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 repair-garage design. Confirm adopted 502.16 and NFPA 2 where hydrogen. This is not legal advice.