

Hose & Fan Set-up to Exhaust Diesel Fumes from the Marcy Armory

Seen below are photos of what a proper diesel ventilation system looks like, but it also **must be engineered correctly**. For example, the system depends on how much air the fan can move (cfm – cubic feet per minute) and the fan's ability to overcome the air-flow resistance of that long yellow duct (static pressure).

Remember: members should **always call the NY Business Office – 212-581-0300** – when they think a situation might be unsafe, or have questions about procedures or materials that they are uncertain about!



(1)

Hoses are attached to the exhaust pipe of a diesel-powered crane or lift (at Marcy Armory)



(2)

The hose runs from the equipment towards a fan, located near an exterior door.



(3)

The hose, coming from the equipment, reaches the appropriately-rated fan, near the exterior door.



(4)

The exhaust hose runs from the fan, through the door, and to the outside, ending as far away from the door as possible to prevent blow-back of diesel fumes, and out of the way of pedestrian traffic.