

SUMMARY OF CODES RELATING TO DIESEL EXHAUST

(Complete documents are attached)

- NIOSH:** “Diesel Exhaust Occupational **Carcinogen** – NIOSH recommended that occupational exposures to **carcinogens** be limited to the lowest feasible concentration.” See enclosed documents.
- OSHA:** “Local exhaust ventilation that removes harmful fumes at their source, hose to tailpipe or stack exhaust.” See enclosed documents.
- UMC:** “A mechanical ventilation or exhaust shall be installed to control, capture, and remove emissions generated. Construction Duct used for conveying products shall be of substantial air tight construction and shall not have openings.” See enclosed documents.
- IMC:** “Motor Vehicles that are operated shall be provided with a source capture system connected directly to motor vehicles exhaust system. In addition, recirculation of air is prohibited.” See enclosed documents.

IMC Definition of “Source Capture System”: “A mechanical exhaust designed and constructed to capture air contaminants at their source and to exhaust such contaminants to the outdoor atmosphere.”

NFPA - 1500, 2002: “No less than 100% effective capture” – See enclosed documents.

R. V. FITZSIMMONS AND ASSOC. INC., Chemical Analysts and Consultants: Complete listing of Components of diesel exhaust including **carcinogens**. See enclosed documents.

CHARACTERIZATION of SOURCE CAPTURE SYSTEM NOZZLE LEAKAGE for CONTROL of DIESEL EXHAUST EMISSIONS at FIRE STATIONS – An assessment of System Effectiveness: “Sealed Nozzle prevents leakage of diesel exhaust without relying on introduction of air flow”. See enclosed documents.

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