

SUMMARY OF CODES RELATING TO DIESEL EXHAUST

NIOSH: “Diesel Exhaust Occupational **Carcinogen**- NIOSH Recommended that occupational exposure to **carcinogens** be limited to the lowest feasible concentration.”

OSHA: “Local exhaust ventilation that removes harmful fumes at their source, hose to tailpipe or stack exhaust.”

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.”

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.”

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 that 100% effective capture”

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

CHARACTERIZATION of SOURCE CAPUTRE 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”.