



Integrated Engineering Services

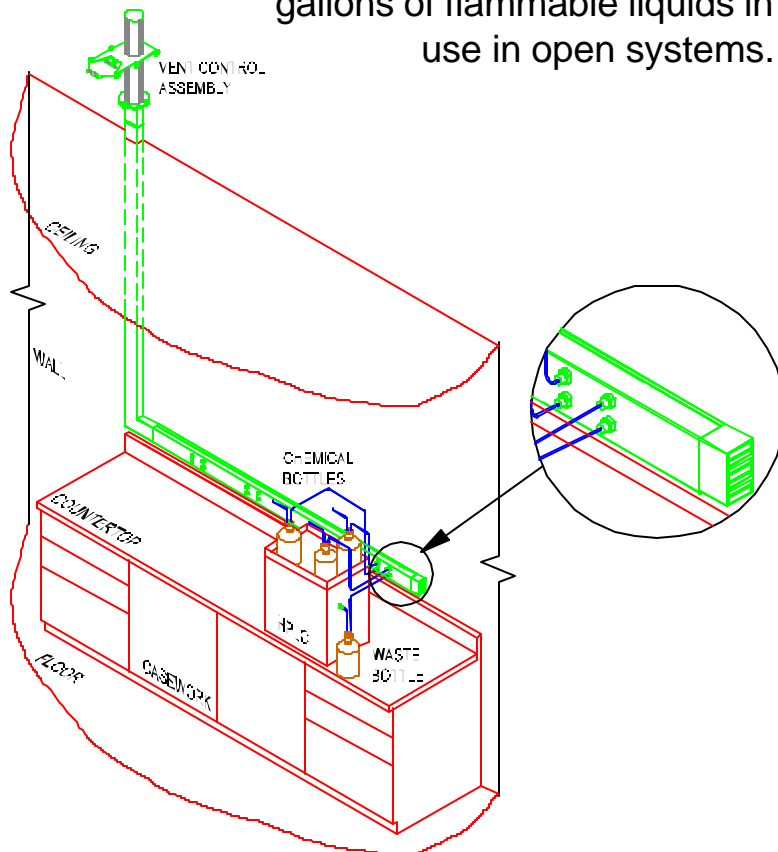
Chemical, Mechanical Engineering ♦ HazMat & Code Consulting

HPLC VENT & COLLECTION SYSTEM For Flammable/Combustible Liquids Cytotoxic, Potent or Hazardous Compounds

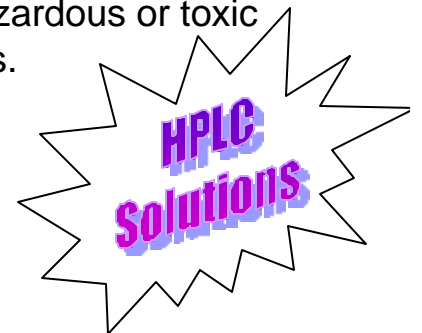


Increased automation, high-throughput systems and use of bulk dispensing for HPLCs, DNA Sequencers, Synthesizers and similar equipment poses significant code compliance problems due to the increased use of flammable liquids.

Current laboratory practices are restricted by the Building and Fire Codes to less than 30 gallons of flammable liquids in use in open systems.

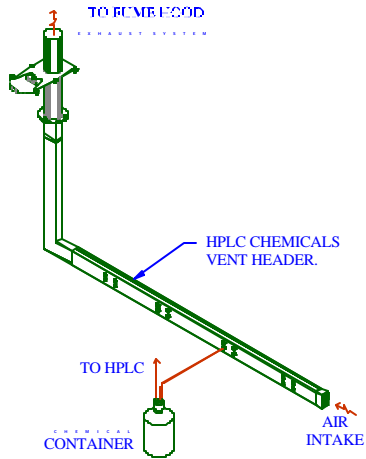


IES' closed Waste Collection and Vent System (Pat.Pend.) increases the allowable quantity of flammable liquids up to 120 gallons. It also offers protection against exposure to cytotoxic, potent or other hazardous or toxic compounds.



HPLC VENT & COLLECTION SYSTEM

For Flammable/Combustible Liquids Cytotoxic, Potent or Hazardous Compounds



IES' closed Waste Collection and Vent System captures fumes and vapors and exhausts them to an approved location. It also provides increased protection against spills and fire.

Special fittings for the supply containers eliminate differential evaporation of solvents to produce more uniform results on long running assays. The drain fittings allow for the free flow of liquid to prevent back pressure in the equipment.

IES' design for waste drains allows for an even greater quantity of solvents to be used in laboratories.

The direct drain connections for the equipment eliminates the need to continually empty waste containers. The patented *DRY-BREAK QUICK DISCONNECT* fittings provide a convenient means of detaching equipment without shutting down the entire system, while eliminating drips or exposure to flammable or hazardous fumes or vapors.

For laboratories where a complete drain system is impractical, IES' waste dump station provides a convenient way of disposal of laboratory wastes from analytical equipment.

