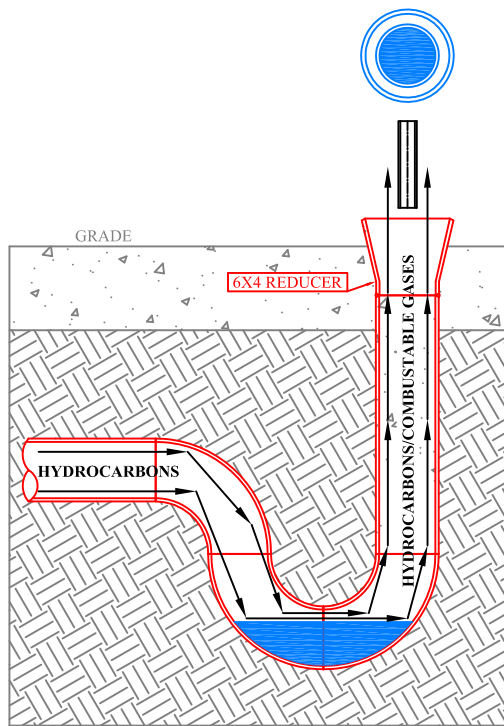
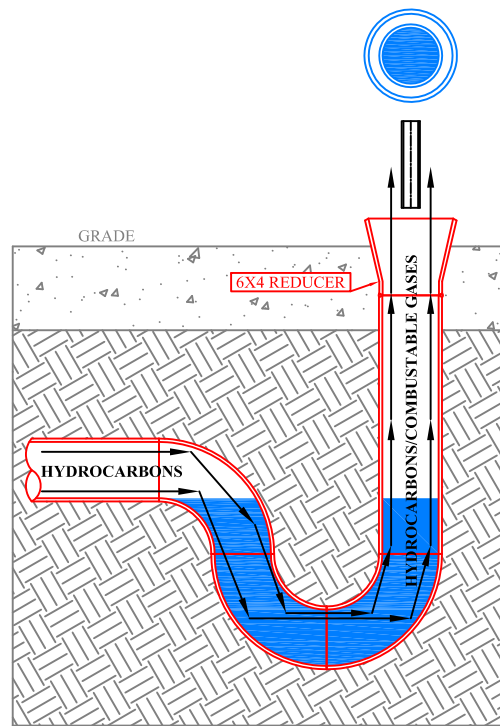


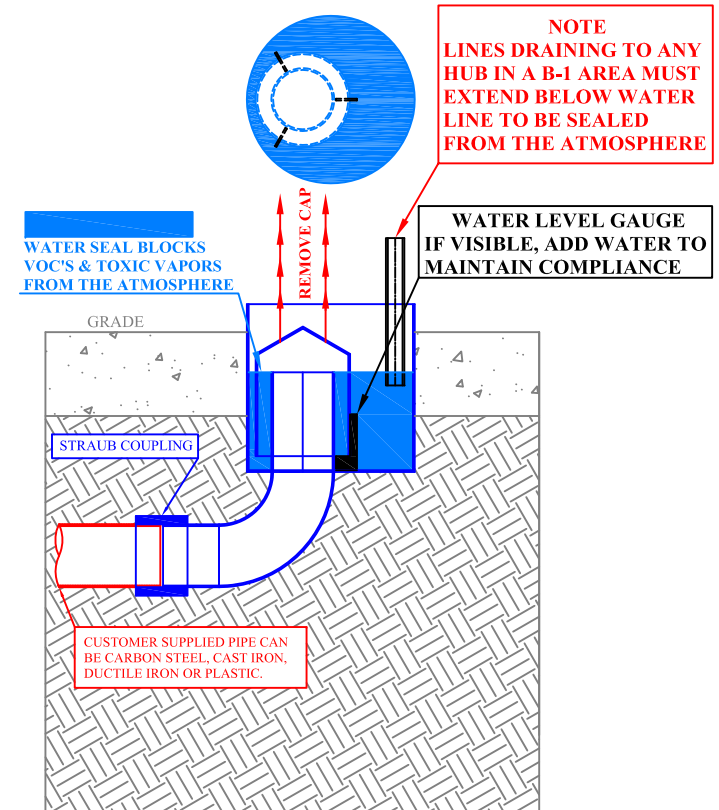
**THIS APPLICATION COMPARES THE ESSCO PUMP DRAIN HUB TO A TYPICAL DRAIN HUB WITH P-TRAP. BOTH ARE CONSIDERED QQQ, B-1 AND HON COMPLIANT ACCORDING TO EPA, HOWEVER, THERE ARE MANY PROBLEMS ASSOCIATED WITH P-TRAPS THAT THE ESSCO PUMP DRAIN HUB ELIMINATES. P-TRAPS CAN AND WILL PLUG OCCASIONALLY AND ARE VERY DIFFICULT TO CLEAN. THE WATER SEAL IN A DRAIN MUST BE VISIBLE TO VERIFY COMPLIANCE, BUT A P-TRAP CAN APPEAR TO HAVE A WATER SEAL WHEN IN FACT THE WATER LEVEL IS LOW ENOUGH TO ALLOW HYDROCARBONS AND COMBUSTIBLE GASES TO PASS THROUGH THE P-TRAP, THEREBY LEAVING THE DRAIN OUT OF COMPLIANCE AND SUSCEPTIBLE TO A SEWER EXPLOSION FROM ANY EXTERNAL IGNITION SOURCE. THE ESSCO DRAIN HUB PUTS THE WATER SEAL AT GRADE WHERE IT IS ALWAYS VISIBLE AND HAS A WATER LEVEL GAUGE TO HELP MAINTAIN COMPLIANCE. SAFETY IS A MAJOR FACTOR TO CONSIDER WHEN COMPARING THE ESSCO PUMP DRAIN HUB TO A DRAIN HUB WITH P-TRAP. HYDROCARBONS CAN COLLECT ON EITHER TYPE SEAL AND MUST BE REMOVED PRIOR TO ANY HOT WORK OR ENVIRONMENTAL TESTING. PRIOR TO ANY HOT WORK, A P-TRAP DRAIN MUST BE VACUUMED TO REMOVE ANY HYDROCARBONS OR COMPLETELY SEALED TO PREVENT ESCAPE AND POSSIBLE IGNITION OF COMBUSTIBLE GASES. THIS CAN BE DIFFICULT WHEN SEVERAL LINES ARE BEING DRAINED INTO A SINGLE HUB. REMOVING HYDROCARBONS FROM THE ESSCO PUMP DRAIN HUB IS AS SIMPLE AS REMOVING THE CAP AND FLUSHING THE DRAIN WITH WATER.**



**DRAIN HUB WITH P-TRAP  
NOT COMPLIANT**



**DRAIN HUB WITH P-TRAP  
IN COMPLIANT**



**ESSCO DRAIN HUB  
QQQ, B-1 & HON COMPLIANT**

CUSTOMER:

DATE:

MATERIAL: TYPE 304 STAINLESS STEEL

DWG. NO:

REV :

ESSCO PRODUCTS ARE PROTECTED BY U.S. & INTERNATIONAL PATENTS AND/OR PATENTS PENDING

ESSCO DRAIN VS P-TRAP DRAIN HUB

**ESSCO**

ENVIROSAFE SEALING SYSTEMS CO., INC.  
BATON ROUGE, LA (225) 753-1505

SERIAL NO.:

MODEL: