

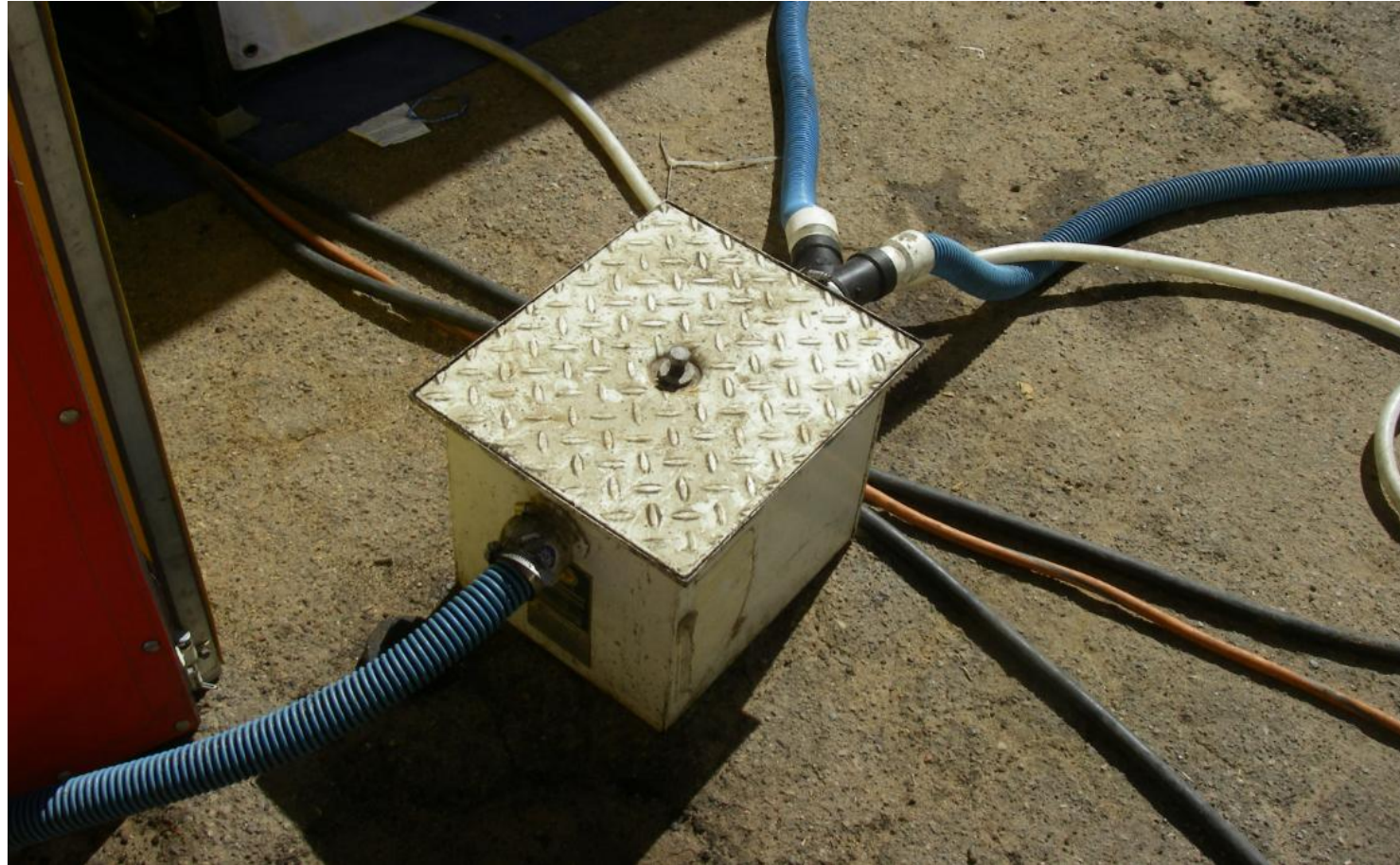
State Fair 2018

City of Phoenix State Fair Food Vendor Grease Trap Advisory

Problem: Trap is very small. I would estimate this trap at 4GPM/ 8LB.
Minimum size for a restaurant in Phoenix is 20/40. Recommended
minimum size for use at fair 10GPM/ 20LB.



Problem: Inlet hose is below the level of grease trap inlet. This will create an obstruction and water will not enter trap with proper flow.



Problem: Outlet hose is only a 5/8" garden hose. This will cause an obstruction in trap or before trap, and could cause a spill. The downstream air vent is a great idea but not mandatory.



Good: ABS inlet pipe and air vent, good elevation. 2" hose on outlet avoids obstruction. Good sized trap at least 10GPM/20LB.



Good: 2" hose; rigid, but smooth, no ripples. Possibly water pump suction hose or hose used in trailer park. Good size trap.



Good: Good elevation on inlet hose. 2" outlet hose avoids obstruction. Good size trap.



Very good: PVC for inlet pipe and air vent. PVC outlet pipe, all the way to cleanout. Good size trap.



Problem: This pump pushes water to clean out when the float triggers pump. Pump also pushes grease to the clean out. Grease is not being retained.



Problem: Pump in trailer forces water into trap, disrupting grease and preventing it from separating in trap. Pump in trap sends grease along with water to clean out. Grease is not being retained.



Solution: This tote will work a lot better than a grease trap for the vendors that have a pump inside of their trailers. This tote is pumped out whenever it fills with grey water.



Water pumped out of a truck should go to a sink and then gravity feed to a proper grease trap. This is a mop sink receiving grey water from a food trailer with a pump. The grey water discharges by gravity to a grease trap with upstream and downstream air vents.



This is a mop sink receiving grey water from a food trailer with a pump. The grey water discharges by gravity to a grease trap with an air vent upstream and downstream of the grease trap.



Problem: Not a grease trap. This is a plastic tote with a hole drilled in the side, and the hose sticking out. Vendor replaced this when discovered.



This is a good box for electrical wiring. Could be used for storage of solids.



Innovative homemade device.



This was the body of a two gallon shop vacuum.



Not a preferred grease trap. The outlet baffle wall can be easily removed by lifting straight up, this will allow accumulated grease to flow with water to the sewer, defeating the purpose. Trap needs two walls.



This trap does catch grease and solids if it is properly maintained, meaning staff will not simply lift the baffle wall when it is time to clean and they are in a hurry.



This trap is the preferred configuration. One baffle wall at the entrance, one permanent baffle wall for the outlet. Minimum recommended size is something like a 10GPM/20LB. Do not use a Flow Control Device.

