

ASME 17.1 (2.2.2.5) Points of Emphasis

- *Plumbing and mechanical systems.* Plumbing and mechanical systems shall not be located in an elevator shaft. Exception: Floor drains, **sumps and sump pumps shall be permitted at the base of the shaft provided they are indirectly connected to the plumbing system.**
- *Elevator pit drain or sump pump.* All elevator pits for elevators that have **Firefighters' Emergency Operation shall have a drain or sump pump** in accordance with ASME A17.1 Section 2.2.2.5 (2007). The drain or sump pump discharge shall be into the sanitary or storm drainage system through an indirect waste connection. *In elevators provided with Firefighters' Emergency Operation, a drain or sump pump shall be provided. The sump pump/drain shall have the capacity to remove a minimum of 3,000 gal/h per elevator (50 GPM).*
- *Oil separators required.* At repair garages, car-washing facilities, at factories where oily and flammable liquid wastes are produced and in hydraulic elevator pits, separators shall be installed into which all oil-bearing, grease-bearing or flammable wastes shall be discharged before emptying into the building drainage system or other point of disposal. Exception: **An oil separator is not required in hydraulic elevator pits where an approved alarm system is installed** and an indirect waste connection in accordance with §P802.1.8.