

33 30 00 Sanitary Sewerage Utilities + Acid Waste and Vent

Revision 01/04/2019

Purpose:

The Architect and/or Engineer shall incorporate the Rice specific requirements indicated in this standard's section into their design. The Architect and/or Engineer shall further produce project specifications in line with industry standards that are updated to reflect these Rice specific requirements.

1. General Sanitary

- a. Piping
 - i. Use cast iron pipe and fittings throughout the building. Bell & Spigot with neoprene gaskets must be used below slab on grade and outside the building.
 - ii. No-hub pipe and fittings may be used above grade.
 - iii. PVC piping is not acceptable inside buildings.
- b. Basins
 - i. Basins shall be fully sealed against odor migration
 - ii. Sealed Manway
 - iii. Alarms
 - 1. High level
- c. Pumps
 - i. Pumps shall be rail mounted submersible grinder pumps.
- d. Floats
 - i. Use float on rod not floating bulbs

2. Acid Waste and Vent

- a. Piping
 - i. Flame-retardant polypropylene pipe and fittings
- b. Basins
 - i. Basins shall be fully sealed against vapor migration
 - ii. Sealed Manway
 - iii. Alarms
 - 1. High pH
 - 2. High level
- c. Pumps
 - i. Pumps shall be rail mounted submersible grinder pumps.
- d. Floats
 - i. Use float on rod not floating bulbs

3. Alarms

- a. All alarms are to be tied back to the BMS.