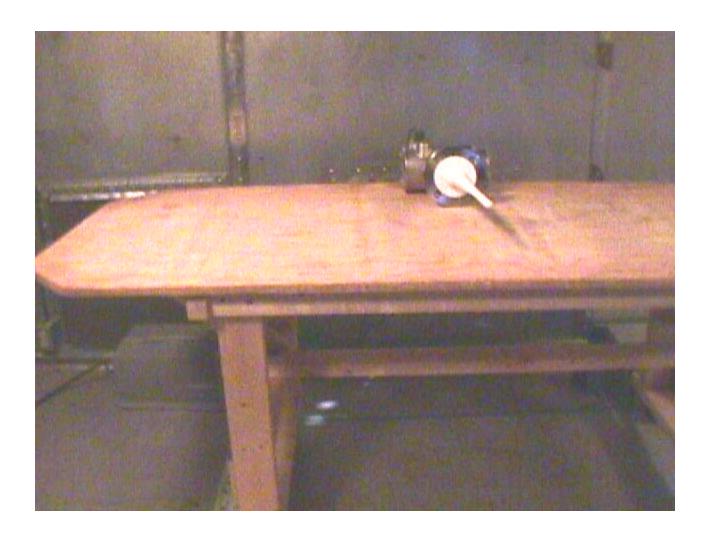
10.1 Setup for the AC Powerline Conducted Emission Measurements





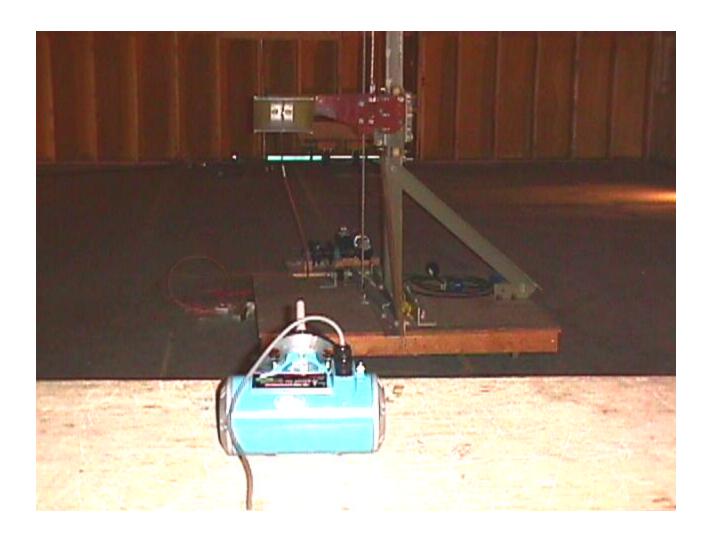
10.2 Setup for the Signal and Spurious/Harmonic Emission Radiation at 1m and 3m Free Space with the EUT + Rod Antenna

10.2.1 RF Fundamental and Spurious/Harmonic Emissions inside a tank/vessel

Remark:

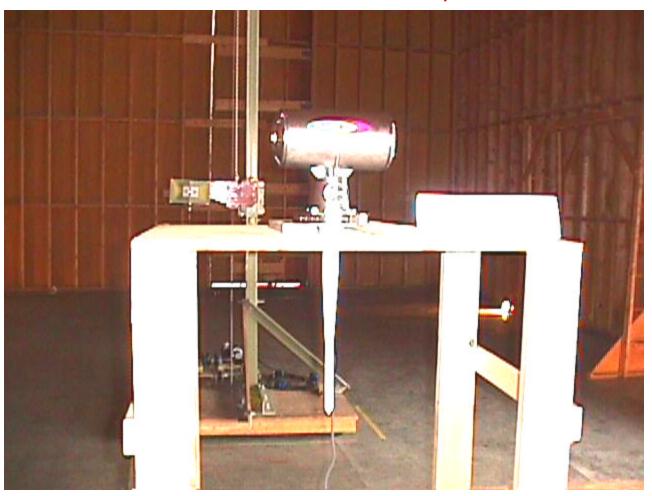
This setup is for observing the radiated emissions which radiates to the bottom of and inside the tank/vessel in a narrow path. Test was performed with a rod antenna. This setup does not represent the actual installation configuration. In the actual test configuration, the EUT is mounted on top of the tank/vessel and its antenna points downward to bottom of the tank/vessel.





10.2.2 RF Fundamental and Spurious/Harmonic Emissions around the EUT at the distance 1 meter and 3 meters in the free space (this represents the worst case covering the actual installation on top of a tank/vessel)

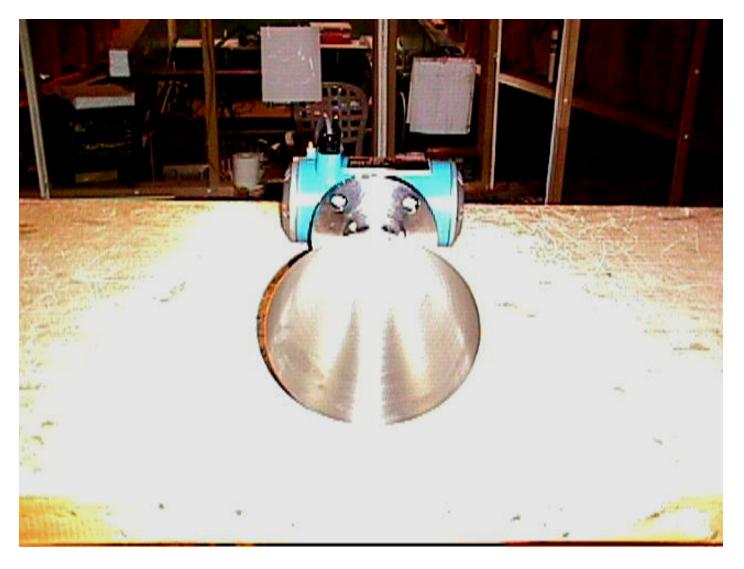




- 10.3 Setup for the Signal and Spurious/Harmonic Emission Radiation at 1m and 3m Free Space with the EUT + 8", 6", 4" and 4" Sanitary Horn Antennae
- 10.3.1 RF Fundamental and Spurious/Harmonic Emissions inside a tank/vessel

Remark:

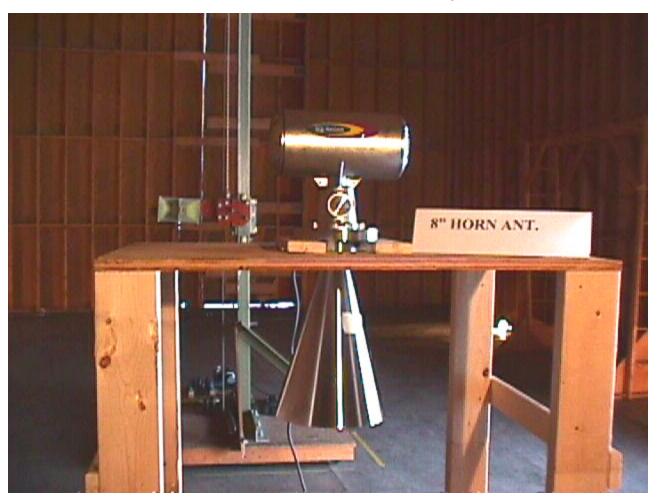
This setup is for observing the radiated emissions which radiates to the bottom of and inside the tank/vessel in a narrow path. Test was performed with every horn antenna, one at a time. This setup does not represent the actual installation configuration. In the actual test configuration, the EUT is mounted on top of the tank/vessel and its antenna points downward to bottom of the tank/vessel.





10.2.3 RF Fundamental and Spurious/Harmonic Emissions around the EUT at the distance 1 meter and 3 meters in the free space (this represents the worst case covering the actual installation on top of a tank/vessel)





Test with 6"Horn Antenna in its intended position



Test with 4"Horn Antenna in its intended position



Test with 4" Sanitary Horn Antenna in its intended position



10.4 Setup for the Signal and Spurious/Harmonic Emission Radiation at 1m and 3m Free Space with the mounted on top of a plastic container containing chemical liquid in a chemical plan. Tests per performed with different antennae.





