

ENERGY CONSERVATION TIPS FOR INSULATION

TOTAL
ENERGY
CONSULTANT

- ✓ Repair damaged insulation (A bare steam pipe of 150 mm diameter and 100 m length, carrying saturated steam at 8 kg/cm² would waste 25,000 liters furnace oil in a year.)
- ✓ Insulate any hot or cold metal or insulation.
- ✓ Replace wet insulation.
- ✓ Use an infrared gun to check for cold wall areas during cold weather or hot wall areas during hot weather.
- ✓ Ensure that all insulated surfaces are cladded with aluminum
- ✓ Insulate all flanges, valves and couplings
- ✓ Insulate open tanks (70% heat losses can be reduced by floating a layer of 45 mm diameter polypropylene (plastic) balls on the surface of 90^o C hot liquid/condensate).

