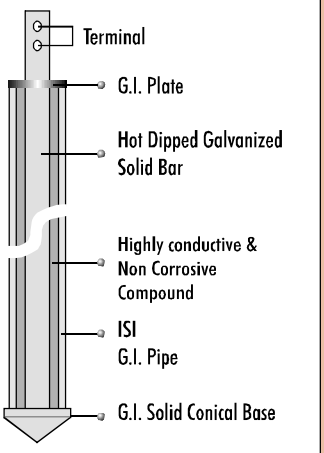
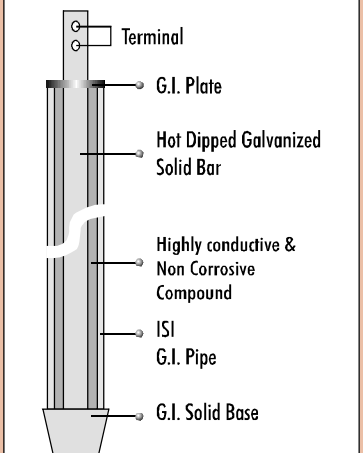
Traditional Method of Earthing	UES Brand Safe Earthing Electrodes
Normally most people are using G.I. Pipes of any size available at the installation time, also the pipe used is usually commercial quality. Copper plate, copper strip, copper rod & pipe. Cast Iron pipe of different sizes which ever is readily available.	UES Brand earthing electrodes employs hot dipped tubes galvanized from both inside & outside. The wall thickness of pipe employed is 4.5mm/5.5mm depending upon diameter of pipe, in 2 mtrs. & 3 mtrs. Length.
The Traditional earthing acts as a Primary Electrode, which gets corroded / Oxidized in a short period time.	G.I. Pipe does not act as Primary electrode instead 2 Nos. hot dipped galvanized M.S. flats are used as the Primary electrode encapsulated in the ISI G.I. pipe filled with a special compound, which increases the active functional life of the earthing electrode with consistent results.
The use of SALT & CHARCOAL surrounding the earthing, gives a temporary solution for getting low resistivity, after some time the salt starts to corrode the earth pipe and increases the resistance by manifold.	We do not advice the use of Salt & Charcoal surrounding the UES as we have developed a "SIDE FILL COMPOUND", which is to be used surrounding the Safe Earthing Electrode to retain moisture and delay the corrosion of the outer shell G.I. Pipe for a very long period of time.
To maintain low resistivity the earthing pipe is to be cleaned properly, regularly ,salt & charcoal to be replaced, meaning perinior maintenance headache and expenses year after year.	The fluctuation in ohmic value is least. The earthing can be maintained just by adequate watering around the UES
As the resistance increases, the dispersion of the fault current is not proper; this damages the equipments slowly & surely resulting in high expenses by way of maintenance cost and replacement of the equipments.	The resistance is maintained at very low levels due to the consistency in the performance of the UESbrand Safe Earthing Electrode, resulting in the dispersion of fault current perfectly.
Timely replacement of earthing is necessary within short period of time. Recuring expenses of installation go up with every passing year.	Replacement? Forget it! For a very long period of time.
If proper maintenance & timely replacement is not carried out then the earth pipe will become redundant & this could lead to great danger to Equipment and HUMAN LIFE.	The Safe Earthing Electrodes UES brand virtually requires no maintenance & the replacement is not required for a very long period.

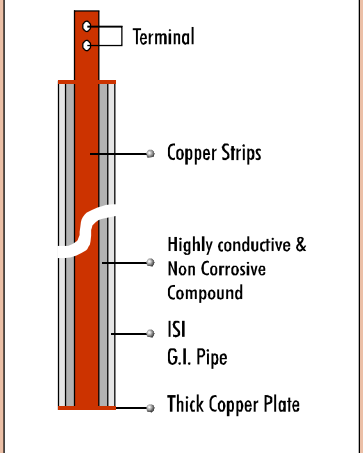
G.I. Electrode (Conical Base)



G.I. Electrode



Copper Strips Electrode



Full Copper Electrode