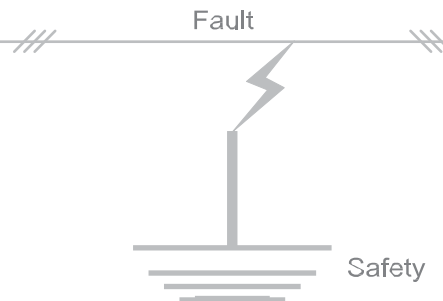


Control - RTM

Earthing Gel to reduce high ground resistance.

Designed As Per Standards :

- IS 3043
- IEEE
- I E Rules
- RDSO
- MAHATRANSCO etc....



Designed for Industry Safety for Human

PRODUCT PROFILE

ControlR Gel. An water soluble earthing solution using to reduce soil resistivity of earth pit.

ControlR Gel. An unique product designed to lower the resistivity of the filler in the existing earth pit. earthing grid which showing high ground resistance. It is an economical ground resistance reduce enhancement compound in gel form to substantially lower the earth resistance of the existing ground network exhibits high ground resistance.

ControlR Gel is ready product to use in existing earth pit without re- excavate ground filler compound and disturb the existing network. It is an economical, easy, simple method to reduce the ground resistance of existing earth pit.

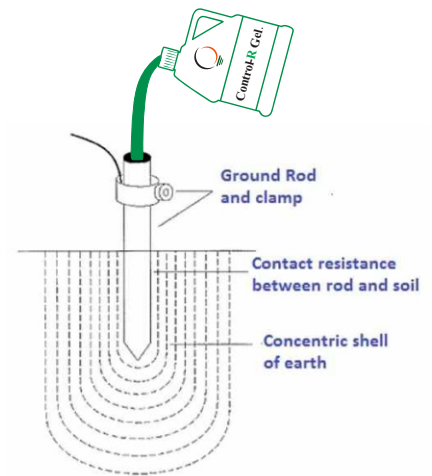
ControlR Gel is reduce to electrode ground resistance by 65% to 90%

ControlR Gel produce a lower surge impedance which result in faster transient dissipation.

ControlR Gel manufactured from environmentally, metallurgical safe and stable products. It has an excellent shelf life and long term storage has no performance effect. **Control- R Gel** in liquid form which has high viscosity so sweeping of the material is almost negligible, it remain in contact with soil pretty long period of time.

ControlR Gel has high adsorption factor with the soil particular, Homogenous bond of soil and complexure provides shorter path for quick dissipation of fault current in all direction in the pit and horizontal grounding grid which limit ground potential rise subsequently lower the step up and touch potential.

ControlR Gel require only minimum instruction there is no high skill worker require



Soil Type	Type of Existing Earthing pit	Electrode contact Resistance with the Earth before Reactivation (Ohms)	Electrode Contact Resistance arrived after Reactivation using Control-R (Ohms)	Percentage Reduction
Hilly	Pipe & Plate	0.95	0.35	63 %
Crick	Mesh	9.38	1.55	75 %
Sandy	Vertically Cross Four Plate	9.45	1.20	62 %
Rocky	Pipe Type	4.40	0.80	82 %
Hard	Bore Type	9.50	4.00	87.5 %
Murum	Pipe Electrode			

WHY CONTROL- R GEL ESSENTIAL FOR EARTH PIT ?

We take this opportunity to introduce an environmental friendly Non-toxic earthing solution Product name Control-R Gel using in earth pit reduce high ground soil resistivity. Control-R Gel act as bonding properties so keep earth pit at lower resistivity and provide maintenance free for long period of time up to 18 to 24 month once used. No further maintenance require, Control-R Gel is 100% Eco friendly and suits for all type of earth pit. Below is the fundamental description about Control-R Gel we used onsite.

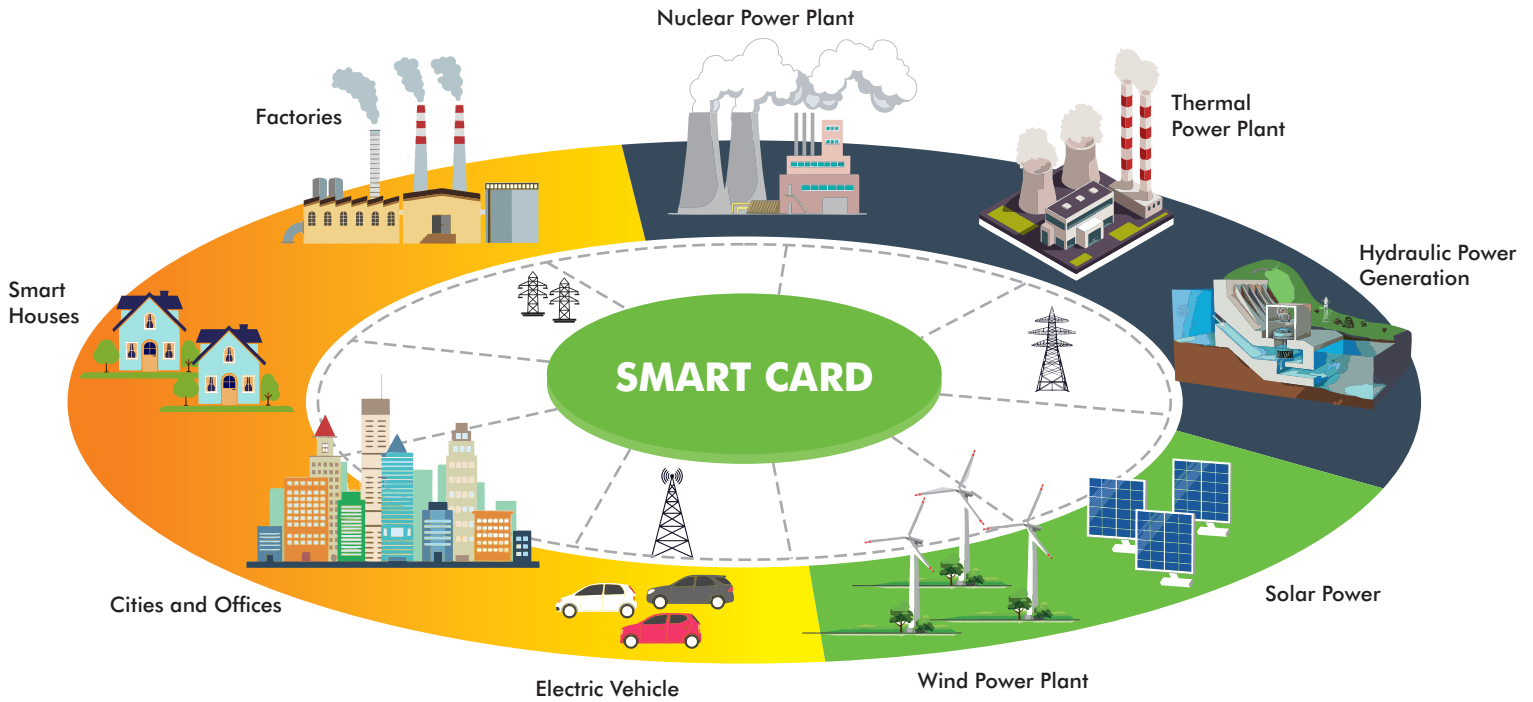
Control-R Gel is mixed with water in ratio 1:10 (wt. volume). The product has excellent bonding properties and finds application in all types of Earth Electrode with backfill compound.

After application the bonding enhances the backfill compound to retain soil resistivity even during summer season, when ambient temperature rises and prevailing ground moisture starts depleting. The product is effective even in rocky / semi laterite soil condition.

BENEFITS OF USING CONTROL-R GEL :

- No Soil excavation is require.
- Anti-corrosive.
- Highly durable.
- Reduce Saesonal fluctuations of resistivity.
- Increase life of the elctrode.
- Easily method to reduce ground resistance.
- Providing importance minerals surrounding of the elctrode
- Keep earth pit resistivity as lower as possible.
- No Periodic maintenance require.
- Suitable for every types of earth pit designed.
- Compatible with every soil Conditions.
- Unamatched performance evaluations.

**SOLVE YOUR EARTH PIT RESISTIVITY PROBLEM
WITH THE HELP OF CONTROL-R GEL
AND KEEP YOUR EARTH PIT MAINTENANCE FREE**



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