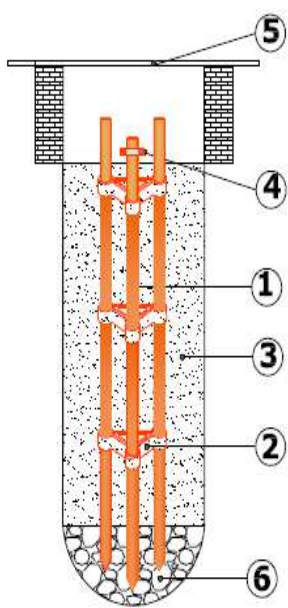


TRIPOLAR EARTH PIT (TPE)

- Tripolar earth pit consists of three electrode of copper bonded steel rod arranged in triangle shape by means of three nos of tripod clamps, surrounded by ground enhancing compound
- The standard length of tripolar earth pit is 5ft, 6ft & 10ft.
- The minimum size of earth pit cover is 300x300mm. The chamber cover may be concrete, CI, MS or PVC
- Based on soil condition the installation procedure of tripolar earth pit changes and based on the fault current carrying capacity the electrode diameter changes. The lowest value of fault current carrying capacity of one copper bonded electrode is 75KA.
- Using ground enhancing material the life of the tripolar earth pit increases upto 30years.
- To decrease resistance to earth no. of TPE can be interconnected to form GRID, RING or RADIAL earthing



TYPES OF ELECTRODE USED (1)	TYPES OF GROUND ENHANCING MATERIAL USED (2)	TYPES OF INTERCONNECTION USED (3)	TYPES OF CHAMBER USED (4)
Copper bonded steel rod	Zerolite	Copper earth rod clamp	Concrete chamber
Stainless steel rod	Gem	Tine coated copper earth rod clamp	CI Chamber
Copper rod or tape	Loress	Exothermic joint	MS Chamber
GI rod or tape	Eec	Bimetallic Clamp	PVC Chamber

1. Electrode
2. Tripolar Clamp
3. Ground enhancing material
4. Interconnection clamp
5. Chamber
6. Black soil

TRIPOLAR EP

APPLICATION BASED ON ENVIRONMENTAL CONDITIONS	Normal Environment, Moisture Area, Hazardous Area, and Petrochemical Area, Snow fall area
APPLICATION BASED ON EQUIPMENT	For high fault current electrical equipment earthing where sufficient space is not available
PRODUCT CREDENTIAL	CPRI, KTR, KTL, UL, EPA, KEMA

DOMESTIC CLIENTS	APCPDCL,SPDCL,EPDCL,NPDCL,BESCOM,TATA,ECIL, ULTRATECH, ESSAR, LANCO,DRDO, RAILWAY AND MANY MORE..
------------------	---



INE VALUE CREATORS & CONSULTANTS (P) LTD

A-12,VIKRAMPURI, KHARKHANA, SECUNDERABAD-500 009, Ph:040-27844431/33

Fax:040-27844432 URL:www.inev.in

Mail us @ : info@inev.in , ine_value@yahoo.co.in , inevalueindia@gmail.com

Contact us @: 09052277110, 08498868877