



# United Engineering Services

Electrical Consultancy, Technical Training, Process Instrumentation, Project Management, Energy Audit, Maintenance Management System



**Pakistan Engineering Council**  
Continuing Professional Development (CPD)  
Approved Training Program

## Earthing/Grounding

**Thursday 21<sup>st</sup> February 2019**

**Karachi**

**CPD Point "0.5"**

### Objectives:

- The aim is to provide safety requirement of electrical equipments in industry. It will also provide basic know how of safe working practices for engineers.
- Senior engineer get knowledge of major safety standard for classified areas. It will also full the requirement of H.R. regarding H.S. E. (Health, Safety, and Environment.)
- Time will be an excellent opportunity for those who one way or the other or involved with safety.

### Who Should Attend:

Senior & Middle Managers, Engineers and all those who are responsible or associated with safety of personal and equipment.

### Workshop Fee:

- Fee for program is **Rs. 12,500/- per participant** which includes workshop material, certificates, and refreshments.
- Please send your nomination(s), along with the workshop fee, before February 20, 2019. Payment should be made in favor of "United Engineering Services"

### Timing:

09:30 a.m. to 04:30p.m.

### Workshop Contents:

- 1 Objective
- 2 Historical Review
- 3 -Protection Against Direct and Indirect Contact
- 4 Earth Electrode
- 5 System Safety Grounding System
- 6 Human Safety Grounding System
- 7 Earth Electrode Design Configuration
- 8 Protective Conductor Sizing
- 9 Ground Resistance Testing

**Early Bird Discount:** 10% per participant (Before 11 February 2019)

**Multiple Nominations:** Three or more nominations are entitled for a further discount of 10% per participant.

In view of the increasing pace of change, United Engineering Services brings you learning Programs for Improvement of Technical Skills. Individuals who endeavor to improve themselves must attend the events. United Engineering Services, made possible through Learning Bites.



The distinguishing features of Learning Bites are:-

- They are designed to be an easy and learnable material.
- They are highly pocket friendly opportunity, and above all,
- They are digestible, accessible, and affordable.



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