

FOUR DAYS TRAINING PROGRAMME ON SAFETY MANAGEMENT

16th - 19th July, 2019



INSULATOR



EARTH SWITCH



EARTHING SYSTEM



CONTROL PANEL



REC

असीमित ऊर्जा, अनन्त संभावनाएं
Endless energy. Infinite possibilities.

**REC INSTITUTE OF POWER MANAGEMENT
AND TRAINING
OF
REC LIMITED**

INTRODUCTION

Safety in a workplace is number one for employer and employees. Especially, to those install and service electrical systems.

Electrical energy, being multi-functional, is the most commonly used form of energy. But electricity when goes out of control can cause instantaneous death, lifelong disability due to severe burns or devastating fires turning crores of rupees worth asset to ashes, generally termed as accidents. It is therefore, absolutely essential that one should practice all the safety measures while using electricity without exception and ensuring proper earthing to the electrical system is the best among all safety measures for the protection of human life and equipment.

Safety means the state or condition of freedom from danger or risk. The main objective of safety program is the identification and correction of conditions that are likely to result in damages to the personnel or equipment. Thus, practices of earthing the system and thereby ensuring personnel and equipment safety is an acknowledged fundamental management responsibility. Earthing safeguards system components and men at work against transient over voltages, step, touch and transfer potentials and voltage surges which are not uncommon in any power system. Improper earthing causes severe disturbances in the communication system making it totally ineffective. Earthing of transmission lines and underground cables, as per standard practices, are equally important to prevent likely hazards. Bad earthing also results in increased losses.

The aim of safety management is to minimize hazards. Hence, more responsibility lies on the shoulders of first line supervisors/managers, who are required to ensure usage of safety appliances by workers before commencing the work. Utilities should educate the workers to follow safety precautions through periodical training programmes and upgrade the safety practices in tune with the times by supplying pocket sized books on safety practices and making all to use them.

Keeping the importance of the subject, RECIPMT proposes a programme on **“Safety Management”** from **16th to 19th July 2019** for the Line Supervisors/ Managers of the power utilities with the following objectives.

PROGRAMME OBJECTIVES

- To know about IE Rules, Electrical Safety Measures and Earthing Practices
- To learn methods of protecting the equipment and materials of the organization from damages
- To understand First Aid practices, Electrical Safety and accident prevention procedures

PROGRAMME CONTENTS

The programme will cover the following broad areas:

- Indian Electricity Rules, Standards and Safety Management in Power Sector
- Earthing for installations and Equipment and System Earthing
- Responsibilities of First Line Supervisors/Managers
- Electrical safety procedures and accidents prevention
- Design of Earth grid at different types of sub-station, earthing systems for transmission lines and maintaining standard earth resistance at various installations
- Safety Tools, Safety Audit & Training
- Best practices in maintenance of lines and equipment - Line Clear Procedures

- First Aid in cases of Electrical Accidents and Artificial Respiration Demonstration and Case studies on Electrical Accidents
- TAC standards on SS fire protection and fire protection for power transformers
- Compensatory and Insurance arrangements.
- Video Films on Safety and Electrical Accidents & Field visits

PEDAGOGY

The Programme will be conducted in an interactive environment, with faculty acting as facilitators to create a participative learning environment. Eminent professionals, consultants and experts from different organizations shall be involved as resource persons.

TARGET GROUPS

Junior and Middle level Supervisors/Managers of Power Utilities working in Generation, Transmission and Distribution areas both in Public & Private sectors, Power/Electricity Departments, Industrial Establishments and Independent Power Producers.

PROGRAMME DATE, TIMINGS & VENUE

16th to 19th July, 2019 from 9.45 am to 5.15 pm with break for lunch, tea and refreshment. The venue will be RECIPMT Campus, Aramgarh X Road, NPA Post, Hyderabad-500 052.

PROGRAMME FEE

Category	Course Fee per participant	GST (18%)	Total Course Fee/Participant without Group Discount	Group Discount of 10% for 3 or more Participation from same utility ***
Residential*	₹ 34,000	₹ 6,120	₹ 40,120	10%
Non Residential**	₹ 30,000	₹ 5,400	₹ 35,400	10%

* Includes Boarding and Accommodation in addition to tuition, courseware & other facilities, Field Visit, etc.

** Excludes Accommodation, Includes only Working Lunch, Class room Tea & Snacks.

*** Only on Participation basis

The Accommodation is provided on Double Occupancy Basis

Note: No Pick-up or Drop facility will be provided and participants have to make their own arrangements to reach RECIPMT Campus.

Course Fee shall be paid in the form of a demand draft/cheque in favor of “**REC Institute of Power Management & Training**” payable at Hyderabad in advance or at least at the time of registration. The course fee may also be paid by NEFT/RTGS transfer to **HDFC Bank Account No: 00210350000930, IFSC Code: HDFC0000021, GSTIN of RECIPMT: 36AAACR4512R3Z0.**

HOW TO REGISTER

Please send the nominations on or before **10th July, 2019** along with DD/ Cheque / NEFT transfer to: **The Director, REC Institute of Power Management & Training, NPA Post, Shivarampally, Hyderabad-500052.** Fax: 040-29805896, E-mail: recipmt@gmail.com. Please contact G. Shankar, Course Director for further information. Participants are advised to commence their journey, after receiving the confirmation from RECIPMT.

CERTIFICATE OF PARTICIPATION

On the concluding day, participants will receive a Certificate of Participation.

ABOUT REC

Since its inception in 1969, Rural Electrification Corporation Limited (REC), a Navaratna PSU, has been playing a significant role in financing and promoting electrification projects across India. Within a span of 50 years, REC has emerged as India's leading finance company in power sector. Be it generation, transmission, distribution or renewable energy, REC has always created benchmarks in its every performance by supporting National power sector organization by providing funding for implementation of projects. Based on the MOU with Ministry of Power, the performance of REC Limited is rated as "Excellent" consistently for the last 21 years.

ABOUT RECIPMT:

REC Institute of Power Management and Training (RECIPMT) earlier known as Central Institute for Rural Electrification (CIRE) was established at Hyderabad in 1979 under the aegis of Rural Electrification Corporation Limited to cater to the training and development needs of Engineers and Managers of Power and Energy Sector. RECIPMT is relentlessly engaged in capacity building to strengthen the human resources development initiatives of Power Sector. RECIPMT has been conferred with Educational Award for 3 years in recognition of Leadership, Development, Innovation and Industry interface. The Institute is spread over an area of about 14 acres, with administrative, teaching and hostel blocks. Classrooms and hostel rooms are air-conditioned. An Energy Park has been set up to develop awareness on Renewable Energy Sources System and High Voltage Distribution System.



Up to Mar 2019, the Institute has organized 2106 Programmes and 47771 executives from various Power Utilities, like Generation, Transmission & Distribution Companies, Electricity Departments, RE Cooperatives, Regulatory Commissions, Rural Development Agencies, Banks, CPUs, etc., participated in the programmes. The Institute has organized 95 International Training Programmes under ITEC/SCAAP of Ministry of External Affairs, GOI and trained 1539 executives from 90 countries.

Programme Course director:

Shri G. Shankar
Additional Director,
Mob. No. 9490189023

Programme Advisor:

Shri Santosh Kumar Sahu
Director



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REC INSTITUTE OF POWER MANAGEMENT & TRAINING

(Formerly known as Central Institute for Rural Electrification)

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