



राष्ट्रीय विद्युत प्रशिक्षण प्रतिष्ठान  
**NATIONAL POWER TRAINING INSTITUTE**  
(Ministry of Power, Govt .of India)  
(An ISO 9001:2015 & 14001:2015 Organisation)  
सक्रिय लाईन प्रशिक्षण केन्द्र  
**HOT LINE TRAINING CENTRE**



No.NPTI/HLTC/16<sup>th</sup> PID/2019-20/

Dated:01/08/2019.

To

( As per the Address List and Electrical Utilities)

Sub: **One-Week Special Training Course on “PUNCTURED INSULATOR DETECTION”(19.08.2019 to 23.08.2019) - reg**

Sir /Madam,

We are glad to inform that HLTC is organizing **One-Week Special Training Course on “PUNCTURED INSULATOR DETECTION”(from 19.08.2019 to 23.08.2019)**. The course is meant for spreading awareness about the Live Line insulator testing and intended to highlight the scope of PID on EHV Lines. A brief outline of the PID course and how to reach the Institute are enclosed. In this programme normally we accommodate around 25 trainees, and nominations are accepted on first-come-first served basis. It is requested that the nominations be sent sufficiently in advance so as to reach us at the earliest; ie, by **16<sup>th</sup> August, 2019**. It is advised that the nominations may please be got confirmed from HLTC before deputing the participants. **The residential Course Fee is Rs.24,000/- + GST (18%) 4,140/- = Rs 28,140/- (Rupees Twenty Eight Thousand One Hundred and Forty only) per participant. It includes training fee, Boarding and Lodging charges & Service tax.**

Yours faithfully,  
-sd-

**(K.S.Venu Babu)**  
**Director & HOI**

Encl.: As above

# **One-Week Special Training Course on “PUNCTURED INSULATOR DETECTION”**

**(19.08.2019 to 23.08.2019).**

## **ABOUT HLTC**

The fast developing High and extra High Voltage Power System Network calls for least interruption in Power Supply and increased system security. Efficient operation and maintenance of existing and expanding Power System networks play a vital role in shaping the economy of the country which necessitated adoption of specialized techniques, for the maintenance of power transmission and distribution lines.

The Hot Line Training Centre was established at Bangalore to impart specialized training in Live Line Maintenance Techniques (LLMT) using Hot Stick Method (HSM) up to 220 kv to the personnel of the State Electricity Boards / Supply Undertakings all over India and Abroad.

The fast growing HT & EHT Transmission lines and the rapid addition to 400 kv lines in the country has made it imperative to upgrade the Live Line Maintenance Technology. LLMT Course using the Bare Hand Techniques up to 400 kv is designed and planned to meet the needs of the transmission networks owned and operated by various Power Supply and Transmission Undertakings in the country.

## **BRIEF OUTLINE OF THE COURSE**

The following topics shall be covered in the course.

1. To provide technical knowledge about insulator types and its failures,
2. To highlight the importance of on line testing of insulators on EHV Transmission lines and switchyards.
3. Familiarization and hands on training on the use of Probe/PID instrument for punctured insulator detection.
4. To help participants to download the test readings, interpret test results.
5. Case studies, if any.

## **ELIGIBILITY**

Nominations are in the grade of Foremen, Linemen, Asst. Linemen, Supervisors, Junior Engineers, Asst. Engineers etc ., actively involved Line Maintenance activities having physical fitness. Should be willing to execute indemnity bond and climb tower.

## **PLACE OF TRAINING**

The training programme shall be conducted at **HLTC complex, 26<sup>th</sup>km Kanakapura Road, Somanahalli Gate, Bangalore – 560116** which is about 35 km from City Railway Station and the trainees shall make their own arrangements to reach the campus.

## **ALLOWANCES & ADVANCES**

TA, DA and other allowances of the participants shall be borne by the sponsoring organization and the same has to be paid to them directly.

## **COURSE FEE**

The Course is fully residential and the Course Fee is **Rs. 28,140/- (Rupees Twenty Eight Thousand One Hundred and Forty only)**. It includes training fee, Boarding and Lodging charges & GST. The Course Fee is payable by Demand Draft drawn in favour of **“Director, Hot Line Training Centre,”** preferably drawn on State Bank of India, **payable at Bangalore**. In case the nominated participants attending the course are not carrying the Demand Draft with them, it may be sent by Speed post or by Registered post before the commencement of the course. The course fee can also be effected by e-transfer (**only**) for which the enclosed bank details can be made use of under intimation to this office by fax followed by post copy; giving complete details such as, the name, designation, office of working, etc; of the officials being sponsored for the training course.

It may be intimated here that **NPTI is exempted from deduction of Income Tax** at source under section No.10 (23C) (iiiab) of Income Tax Act 1961 vide letter No.ACIR/R-1/Fbd/03-04/5001 dated 27.10.2003 and hence no deduction of tax at source shall be made from course fee (copy of the letter can be forwarded on request).

The accommodation for Residential participants nominated will be provided at HLTC Hostel. In case the nominated participants do not require accommodation at HLTC Hostel, such participants have to make their own arrangements outside HLTC complex and also shall make their own arrangements for their local transport. However the fees shall remain the same.

## **HOW TO REACH HLTC**

The nominated candidates may be requested to alight at Bangalore City Railway Station / city Bus Stand. The institute is about 35 km from there. It is situated next to 220 kv Sub Station of Karnataka Power Transmission Corporation Ltd; (KPTCL) and 400 kv Sub-station of POWERGRID on Kanakapura Road and opposite to Acharya Patasala College (APS) of Engineering campus. Buses are available from Krishna Rajendra (K.R.) Market which is about 3 Km from City Railway station/City Bus stand. HLTC can be reached by City Bus Route Nos. 211, 211D, 211G, 211L, 213, 213A, 213B, 213K, 213F/A;etc. The new Airport is about 60km North – West of the institute from where Pre-paid Taxies are available.

For any assistance, contact this office (Monday to Friday) between 10.00 hrs to 17.00 hrs on Phone Numbers: 080 - 28432053 & 28432212, or at Telefax: 080 - 28432596 (Director) between 1000 hrs to 1730 hrs.

1. **For any Clarification and Queries please contact:  
Shri. S.Prakash, Asst. Director & Course Director,  
Land Line No:080-28432053. Mob : 09964560111.**

**25<sup>th</sup> One-Week Special Training Course on “PUNCTURED INSULATOR DETECTION”**

**(19.08.2019 to 23.08.2019).**

**NOMINATION FORM**

(TO BE FURNISHED BY THE SPONSORING DEPARTMENT)

01. Name of the candidate (in block letters) :
02. Father's name :
03. Date of birth :
04. Designation & office address :
05. Residential address for future communication :
06. Details of Educational /Technical Qualification:
07. Whether the candidate has working knowledge :  
of English/Hindi to understand the lectures and  
instructions
8. To Complete the arduous training Programme whether the candidate has: -
  - a) Physical fitness to climb and Work on towers :
  - b) Good eye sight & hearing :
  - c) Free from Height phobia & colour blindness :
  - d) Free from Heart ailments & Arthritis Epilepsy etc. :
9. Number of years the Candidate had worked in overhead EHV lines
  - a)Construction, erection, stringing, testing etc. :
  - b)Maintenance and repairs of overhead :
10. Whether the candidate has high degree of  
manual skill and even temperament  
which are the essential requirements for  
Hot Line Trainees. :
11. Whether the Indemnity Bond before executed :

**The information furnished above is true to the best of my knowledge and belief.**

***SIGNATURE OF THE SPONSORING AUTHORITY  
WITH NAME, DESIGNATION AND ADDRESS :***

Date :

OFFICE SEAL:

**INDEMNITY BOND**

THIS DEED MADE ON THIS \_\_\_\_\_ day of \_\_\_\_\_  
 2019 by \_\_\_\_\_ (Name of the Trainee with address) do  
 hereby hold and firmly bound to National Power Training Institute (NPTI) and its officials or any person  
 employed by NPTI who have agreed to give me training in the fundamental of routine line  
 maintenance, and thereafter in repairs, maintenance and operation of the overhead transmission and  
 distribution in lines and equipment when they are energized, here-in-after referred to as **“Live Line  
 Insulator Testing –PID Training“** at the Hot Line Training Centre at Bangalore. Now, the above  
 written bond/obligation’s condition is that I hereby undertake to receive such training at my own risk  
 and responsibility and agree and declared that the NPTI and its officials or any person employed by  
 NPTI shall not be liable for damage sustained in the event of my death or for damage to my property  
 and during my training period and whether arising by accident or by reasons of any acts of NPTI or  
 persons employed by NPTI and I hereby undertake to indemnify and keep the NPTI indemnified  
 against all liability in respect therefore.

IN WITNESS WHEREOF both the Parties viz. National Power Training Institute (HLTC),  
 Bangalore by its Director and the Trainee, (Shri \_\_\_\_\_)  
 have signed on this the \_\_\_\_\_ day of \_\_\_\_\_ 2019.

Director  
 National Power Training Institute  
 Hot Line Training Centre  
 Bangalore.  
 (For and on behalf of the  
 National Power Training Institute)

Signature of the trainee

Signature of the Authority/  
 Controlling Officer.  
 (For and on behalf of the  
 Sponsoring Utility/Organisation)

IN THE PRESENCE OF

- 1.
- 2.

IN THE PRESENCE OF

- 1.
- 2.

## HLTC Bank Account Details

### For making electronic transfer of funds (E-transfer ):

1	<b>Name of the Beneficiary</b>	Director, Hot Line Training Centre, Bangalore-560 116
2	<b>Name of the Bank &amp; Branch</b>	State Bank of India, Banashankari II Stage Branch
3	<b>Address of the Branch</b>	422,9 <sup>th</sup> Main Road, Banashankari II Stage, Bangalore-70
4	<b>Branch Code</b>	06767
5	<b>RTGS ,NEFT IFSC Code</b>	SBIN0006767
6	<b>Bank contact number</b>	080-2671 8342
7	<b>Account No.</b>	10031210270
8	<b>MICR No.</b>	560002008
9	<b>SWIFT CODE</b>	SBIN BB 423 10031210270
10	<b>TAN No.</b>	BLRH 01519A
11	<b>NPTI PAN No.</b>	AAALN 0083C
12	<b>GSTIN:</b> <b>(Registration Number)</b>	29AACAN2698A3ZH

NPTI is exempted from deduction of Income Tax at source under section No.10(23C) (ii a b) of Income tax Act 1961 vide letter No.ACIR/R-1/Fbd/03-04/5001 dated 27.10.2003 and hence no deduction of tax at source be made from course fee paid to this Institute

Sd/-  
Drawing and Disbursing Officer

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