



GOVERNMENT OF INDIA  
MINISTRY OF LABOUR & EMPLOYMENT  
DIRECTORATE GENERAL FACTORY ADVICE SERVICE & LABOUR INSTITUTES

**Central Labour Institute**

Post Bag No. 17851, N.S. Mankikar Marg,  
Sion, Mumbai – 400 022, India

No. 108/1/TRG(8)/EED-CLI/2018

Date : 31.01.2018

To,

**विषय : औद्योगिक शोर एवं कंपन पर तीन दिवसीय कार्यशाला ०७ से ०९ मार्च २०१८**

**Sub: 3-Day Workshop on Industrial Noise and Vibration (07<sup>th</sup> to 09<sup>th</sup> March, 2018)**

महोदय,

यह बताते हुए हमें हर्ष है कि यह संस्थान दिनांक ०७ से ०९ मार्च २०१८ तक 'औद्योगिक शोर एवं कंपन' पर तीन दिवसीय कार्यशाला का आयोजन कर रहा है।

यह प्रशिक्षण अभियानिकी, रसायन तथा प्रमुख जोखिम प्रक्रियाओं से संबद्ध कारखानों में कार्यरत सुरक्षा व्यवसायीयों, उत्पादन प्रबंधकों, पर्यवेक्षकों, संधारण व्यवसायीयों तथा ऐसे अन्य व्यवसायीयों के लिए कीजा रही है। संलग्नित विवरणिका में प्रशिक्षण से संबंधित सूचनाएं दी गयी है।

कृपया अपने नामांकन, संस्थान शुल्क तथा आवास की आवश्यकता के साथ इस संस्थान को दिनांक ०२ मार्च २०१८ तक भेज दें।

It is a matter of great pleasure that this Institute is organizing a three day workshop on '**Industrial Noise and Vibration**' from 07<sup>th</sup> to 09<sup>th</sup> March, 2018.

This workshop is meant for occupational safety and health & allied executives in industries. The brochure containing details of the workshop is enclosed. Kindly send your nominations along with an Institution fee and the accommodation requirement to reach this institute **on or before 02<sup>th</sup> March, 2018.**

**भवदीय**

**(डा एस एन. बनर्जी)**

**निदेशक प्रभारी (औ. स्वास्थ्य विज्ञान)**

Encl : as above

## **INTRODUCTION**

Industrial noise and vibration are the common hazards which can create serious and permanent health damage of the exposed workers as well as among residents of the communities residing adjacent to industries. The background noise in different cities and urban areas are increasing daily as per data received from various sources. Noise generated from industries has been identified as a major contributor of the high background noise level. Immediate actions are to be initiated restricting industries to inflict noise in the environment. The different processes in industries like engineering, petrochemicals, refineries, fertilisers, pharmaceuticals, construction etc. are still releasing enormous amount of noise energy in the environment. The section 87 to 90 of our Factory Act, 1948 (amended) and third schedule of the Act have been already designated 'NOISE' as a dangerous operations and noise induced hearing loss a 'Notifiable' disease as per the Act.

Unlike noise, vibration is one of the most unattended hazards at workplace. This is because of ignorance in addition to the lack of knowledge and awareness about the hazard.

Although, noise and vibration are complimentary and have a common cause of initiation, noise is considered whereas vibration is ignored. Noise and vibration are well recognized physical factors in the work environment which are deleterious to health.

These also lead to instant health problems, occupational diseases, loss of productivity and quality, etc.

## **OBJECTIVES**

The workshop is being organized to impart the knowledge and skills with the following objectives to:

- Promote recognition and understanding of the effects of exposure to industrial noise and vibration.
- Minimize industrial noise and vibration within effect levels.
- Promote the adoption of systematic approach to the management for the reduction of excessive exposure to noise and vibration.

## **CONTENTS**

- Industrial Noise and vibration; Provisions under different Legislations/Acts and Standards.
- Fundamentals of Noise and Vibration.
- Evaluation of Industrial Noise and vibration exposure.
- Control measures of Industrial Noise and Vibration.
- Deleterious Effects/Health Hazards due to Industrial Noise & Vibration.
- Selection and use of PPE to protect from Noise and Vibration.
- Case Studies.

## **FACULTY**

The faculties of the Central Labour Institute, Mumbai and Guest Faculties from reputed institutes will conduct the course.

## **LEVEL OF PARTICIPANTS**

The Executives/middle management engaged in production and maintenance, Safety professionals, Environmental Engineers, Industrial Hygienists, Safety Committee members, Trade Union representatives etc.

## **MODE OF TRAINING**

Class room lectures, Group Discussions, Audio Visual and Case Studies.

**DURATION**  
**07<sup>th</sup> to 09<sup>th</sup> March, 2018**

**TIME**  
**10.00 a.m. to 5.00 p.m.**

**VENUE**  
**Central Labour Institute,**  
**Sion, Mumbai. 400 022**

indicate so in the nomination letter. The accommodation is made available on first-come-first-served basis.

Interested participants/organisations may forward their nomination(s) along with the Institution fee **on or before 2<sup>nd</sup> March 2018**.

### CONTACT DETAILS

**Dr.S.N.Baneerjee**  
**Director (IH) & In-charge (EED&MHCS)**  
**Environmental Engineering Division**  
**Central Labour Institute**  
**N.S. Mankikar Marg**  
**Sion, Mumbai – 400 022**  
**E-mail: [eed@dglasli.nic.in](mailto:eed@dglasli.nic.in)**  
**[eed.cli@gmail.com](mailto:eed.cli@gmail.com)**  
**[ihl@dglasli.nic.in](mailto:ihl@dglasli.nic.in)**

**Office: 022-24060599/637**  
**Mobile: 08767173248**

### FEES:

#### a) Institute Fee

**Rs.1525/-** per participant is to be paid by a **Demand Draft/Cheque** payable at Mumbai in favour of **CENTRAL LABOUR INSTITUTE, MUMBAI**.

#### b) Other Expenses

**Rs.2500/-** per participant in cash, to be paid on the first day of the programme, to meet the cost of programme stationery, training manual, refreshments, etc. These expenses will be managed by a managing committee elected amongst the participants for this purpose. This part of the fee will be acceptable only in **CASH**. Receipt of the amount will be issued by the managing committee only.

**It is to mention that this institute does not accept any other mode of payment except through Cheque/DD/Cash. Request for invoice in this connection is also not entertained at this institute.**

### ACCOMMODATION

Limited non-family, non-AC, shared accommodation in the CLI hostel is available for outstation participants at the rate of Rs. 50/- per participant per day. Those who are interested for hostel accommodation may



## WORKSHOP

ON

## INDUSTRIAL NOISE AND VIBRATION

**(07<sup>th</sup> to 09<sup>th</sup> March, 2018)**

**Environmental Engineering Division**

**Central Labour Institute**  
**Directorate General Factory Advice**  
**Service & Labour Institutes**  
**Ministry of Labour and Employment**  
**Government of India**  
**N S Mankikar Marg**  
**Sion, Mumbai – 400 022**