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## **2 Day`s Training program on Hydraulics & Pneumatics**

### **Operation, Maintenance and Condition Monitoring**

**(Valves, Fault Finding; Lubrication, Operation, Maintenance and PPMT)**

**(11-12 December 2017@Kolkata, WB)**

#### ***Training Program Objective and Description:***

- To learn the skills necessary to successfully understand the use of how Hydraulic & Pneumatic Systems work. The specific goals are
- To understand how Hydraulic Systems work & various types of Hydraulic Valves.
- To learn how to read Hydraulic & Pneumatic Symbols make simple Hydraulic & pneumatic Circuit.
- Learn how to maintain and monitor system for efficient utilization and improve plant productivity.

#### ***Who Should Attend?***

All practicing Engineers, DET, GET, O&M professionals; others who willing to get knowledge regarding mechanical maintenance.

#### ***Program Contents:***

- How Hydraulic & Pneumatic Systems work
- Hydraulic & Pneumatic Symbols
- Hydraulic Pumps
- Hydraulic & Pneumatic Valves
- Hydraulic Cylinders
- Hydraulic Accumulators
- Hydraulic Hoses & Pipe Fittings
- Simple Hydraulic & Pneumatic Circuits
- Hydraulic Oil and its Cleanliness.
- Operation and Maintenance of Hydraulic and pneumatic system, valves, cylinders etc.
- Preventive Maintenance techniques



# Centre For Industrial Solution and Advanced Training

AN ISO 9001:2015 CERTIFIED

(Technical- Electrical/Mechanical/Automation/Chemical, Behavioral & Soft Skill, Safety, Business Excellence, Safety & Energy Audit)

“A complete Training Solution Under One roof”

- Case Studies on H&P systems
- Applications for Steel and Power Plant

**Hands ON & Practical:** Simulations of various faults and maintenance techniques.

**Certification:** Every successful participant will be awarded a course completion certificate.

### Delivery Methodology (Strategy):

- Introduction and Objective Setting
- Pre and Post Test,
- Knowledge Presentations,
- Assignments & Exercise,
- Feedback and Assessment
- Discussion and Interaction
- Delivery 9:30 AM to 17:30 PM

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### About CISAT:

Centre For Industrial Solution and Advanced Training is an ISO 9001:2015 certified Training Provider Company managed by professionals with rich Industry and teaching experience. Company involves in professional trainings and been providing training on various topics of Industry interest through various experts associated. More details are available on [www.cisat.co.in](http://www.cisat.co.in).

### Registration:

**Dates of the program:** 11-12 Dec (Mon-Tuesday) 2017 at Kolkata.

**Participation fees:** INR 18000/- per delegate (Excluding GST@18%; Training program includes training material hard copies, Tea, Lunch & snack, excluding lodging and Boarding)



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**Payment:** ECS/NEFT/DD in favor of "Centre for Industrial Solution and Advanced Training" Payable at Nagpur, Maharashtra, India. Account No: 0509102000003353  
Bank: IDBI, Wardha- 442001, MS, India; IFSC Code: IBKL0000509; Swift Code IBKLINBB007; MICR Code 000259000.

**Venue:** Kolkata (to be informed before 7 days of training commencement).

### For Registration please do contact to,

We prefer on line Registration through our web [www.cisat.co.in](http://www.cisat.co.in).

1. Mahendra Dhande 09168326662,
2. Vikas +91-8669546332; 7709012815; vikas@cisat.co.in; cisat.nagpur@gmail.com;

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**Contact for any In-house Training Program at your plant or location.**

### Centre For Industrial Solution and Advanced Training

Web: [www.cisat.co.in](http://www.cisat.co.in); Email: [cisat.nagpur@gmail.com](mailto:cisat.nagpur@gmail.com) ; Contact: +91- 7709012815; 8669546332  
(GST Code:27ABBPW5589J1ZV; SAC Code 99-9293; State Code 27; PAN No: ABBPW5589J)

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