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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)**

**(20-21 July and 25-26 Sept 2018@Nagpur, MH)**

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



# 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”

**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,
- Case Studies, Discussion and Interaction
- Feedback and Assessment
- Delivery 9:30 AM to 17:30 PM

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**Registration:**

**Dates of the program:** 20-21 July and 25-26 Sept 2018@Nagpur, MH.

**Participation fees:** INR 20000/- per delegate (Excluding GST@18%; Training program includes training material hard copies, Tea, Lunch & snack, excluding lodging and Boarding)

**Payment:** ECS/NEFT/DD in favor of “Centre for Industrial Solutions 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 442259001. (GST Code:27ABBPW5589J1ZV; SAC Code 99-9293; State Code 27; PAN No: ABBPW5589J)

**Venue:** KEC International Training Centre, Butibori, MIDC, Nagpur, MH (20 KM from Nagpur Airport, towards, Wardha/Hyderabad)

**For Registration please do contact to,**

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

1. Vikas +91-8669546332; 7709012815; vikas@cisat.co.in; cisat.nagpur@gmail.com;

2. Mahendra Dhande 09168326662,

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

**Centre For Industrial Solution and Advanced Training**

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