



iFluids[®]
ENGINEERING

Managing Risks , Delivering Value

FREE CERTIFIED TRAINING
PIPING DESIGN
ENGINEERING IN OIL &
GAS INDUSTRY

Overview

iFluids Engineering Supports the Growth and Development of Professionals in the Engineering industry through its training academy. We offer a wide range of hands-on training programs designed to empower individuals to acquire new skills and enhance their Employment prospects.

We have conducted over 50+ free training and webinar programs, which has trained over 3500+ individuals. These programs have been designed to cater Participants with an overview of various topics and to provide them with an opportunity to interact with experts in the relevant field.

Objective

The Primary Objective of this training program is to offer Participants outstanding placement opportunities within iFluids Engineering Group & other Engineering Companies. To achieve this, Participants are required to demonstrate a comprehensive understanding of the subject matter and successfully complete the entire training program, which includes daily Assessments.

By the end of the training, participants will be equipped with the knowledge and skills to effectively contribute to Process team functions, interpret Process Flow Diagrams & Piping and Instrumentation diagrams, Analyze Piping systems, and ensure compliance with industry codes and standards.

What will you Learn?

1. Overview of Oil & Gas Industry
2. Process Flow Diagrams (PFD)
3. Piping And Instrumentation Diagrams (P&IDs)
4. Fundamentals of Piping System
5. Piping Codes and Standards
6. Pipe Material Specifications and Manufacturing
7. Piping Components and Valves
8. Various Piping Engineering Drawings and Software
9. Piping Supports
10. Basic Pipe Stress Analysis Methods
11. Roles and Responsibilities of Piping Engineer
12. HAZOP Study
13. Harnessing the Power of Social Media and Mastering Job Search Strategies
14. Introduction to ChatGPT and Exploring the Use of AI Tools in Oil and Gas Industry

Target Audience

This Training is Exclusive for all Mechanical Engineers of 2022 & 2023 Batch.

Registration Close Date

26/07/2023 (Wednesday) 04:00 PM IST

TRAINING FEATURES

- Job Oriented Training Program based on Current Industry Demand
- Comprehensive coverage of key topics in Piping Design Engineering.
- Training Materials & Recordings
- Expert Instructors with Industry Serving experience.
- Interactive learning methods and engaging sessions.
- Industry-relevant examples and Case Studies.
- Certificates upon successful completion of Training & Assessments.
- Job opportunities for Exceptional performers in Training

ONLINE SESSION

- The Training Session will be conducted in Zoom meeting.
- The joining link for all training sessions will be shared via email prior to the sessions using the Participants contact email ID furnished at the time of registration
- All registered participants are required to complete a Preliminary Online Assessment covering fundamental concepts of Mechanical Engineering and Aptitude . Only participants who achieve a minimum score of 50% in the Preliminary assessment will be eligible to participate in the training program
- It's mandatory for all participants to mark their presence in the attendance form shared during the session. Failure to do so will result in being marked absent.
- Daily Duration of Training will be 1 hour Additional 30 minutes has been allotted towards doubt clearing session.
- All Training module recordings will be uploaded on the [iFluids YouTube channel](#) for Participants reference.

ONLINE ASSESSMENTS & REASSESSMENTS

- All Online Assessment questions will be in Multiple-Choice Format (MCQs).
- Participants should mandatorily attend daily Assessments Exam for the previous day's module within the suggested time frame.
- During Assessments, strict monitoring will be enforced, and any misconduct will lead to disqualification.
- Participants must achieve a minimum score of 50% in the daily assessment to qualify the Exams.
- If a Participant fails to meet the 50% threshold, they will be given a chance for Reassessment.
- Participants can continue attending the entire training modules regardless of the results of the daily assessments
- Reassessments shall only be scheduled after the entire training period, allowing Participants spare enough time to prepare.
- The Date and Time for Reassessments will be communicated in advance via E-mail

CERTIFICATES & JOB PLACEMENTS

- Participants who have attended and successfully passed all Assessment & Reassessment exam will receive training completion Certificate.
- Participants who demonstrate exemplary performance throughout the entire training duration shall have an opportunity for Job Placement in iFluids Engineering.
- iFluids Engineering holds ultimate authority over decision- making in all aspects of the training program

MEET THE TRAINERS



Trainer Name : Mr. Jayaraj Nallathambi(Sr. Process Design & Technical Safety Consultant)



Trainer Name : Mr. Subramanian RM (Sr. Process & Technical Safety Consultant)



Trainer Name : Mr. Sivakumar K (Lead Process Design Engineer)



Trainer Name : Mr. Samvendan john jacob (Sr. Consultant – Mechanical & Piping)



Trainer Name : Mr. Rajarm U (Lead Process Engineer)



Trainer Name : Ashwin M (Projects and Mechanical Engineer)



Trainer Name : Mr. Stephen Rapheal Babu A (Associate Engineer - Piping)



Trainer Name : Mr. Chandramohan S (Senior Engineer - Mechanical)



Trainer Name : Mr. Premnath D (Design and Digital Engineer)



Trainer Name : Mr. John Kingsley (Guest Trainer)

PRELIMINARY ONLINE ASSESSMENT SCHEDULE

Sl. No	Date	Topic	Assessment Time
1	28 th July, 2023	Preliminary/Qualifying Assessment (Aptitude & Basics of Mechanical Engineering)	05:00 PM -06:00PM IST

ONLINE TRAINING SCHEDULE

Date	Day	Training Time (IST)	Training Description	Online Assessment (11 AM ~ 11:30 AM IST)
01-Aug-23	Tuesday	5:00 PM - 6:30 PM	Overview of Oil & Gas Industry	
02-Aug-23	Wednesday	5:00 PM - 6:30 PM	Process Design, PFD	Overview of Oil & Gas Industry
03-Aug-23	Thursday	5:00 PM - 6:30 PM	Piping & Instrumentation Diagram	Process Design, PFD
04-Aug-23	Friday	5:00 PM - 6:30 PM	Fundamentals of Piping System	Piping & Instrumentation Diagram
05-Aug-23	Saturday	5:00 PM - 6:30 PM	Piping Codes and Standards	Fundamentals of Piping System
07-Aug-23	Monday	5:00 PM - 6:30 PM	Pipe Material Specifications and Manufacturing	Piping Codes and Standards
08-Aug-23	Tuesday	5:00 PM - 6:30 PM	Piping Components and Valves -1	Pipe Material Specifications and Manufacturing
09-Aug-23	Wednesday	5:00 PM - 6:30 PM	Piping Components and Valves -2	Piping Components and Valves -1
10-Aug-23	Thursday	5:00 PM - 6:30 PM	Various Piping Engineering Drawings and Software - 1	Piping Components and Valves -2
11-Aug-23	Friday	5:00 PM - 6:30 PM	Various Piping Engineering Drawings and Software - 2	Various Piping Engineering Drawings and Software -1
14-Aug-23	Monday	5:00 PM - 6:30 PM	Piping Supports	Various Piping Engineering Drawings and Software - 2
16-Aug-23	Wednesday	5:00 PM - 6:30 PM	Basic Pipe Stress Analysis Methods -1	Piping Supports
17-Aug-23	Thursday	5:00 PM - 6:30 PM	Basic Pipe Stress Analysis Methods -2	Basic Pipe Stress Analysis Methods - 1
18-Aug-23	Friday	5:00 PM - 6:30 PM	HAZOP Study	Basic Pipe Stress Analysis Methods -2
19-Aug-23	Saturday	5:00 PM - 7:00 PM	Exploring the Use of AI Tools in Oil and Gas Industry Harnessing the Power of social media and Mastering the Job Search Strategies	HAZOP Study
21-Aug-23	Monday	5:00 PM - 6:30 PM	Roles and Responsibilities of Piping Engineer	
22-Aug-23	Tuesday	No Training		Roles and Responsibilities of Piping Engineer

*Kindly note that the schedule mentioned is tentative, there is a possibility of changes in the topic schedule. All adjustments will be communicated beforehand to ensure participants are aware of any updates.

THANK YOU

For any Training Assistance



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SCAN CODE TO REGISTER

OR

REGISTER HERE

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