

ARYAN ENGINEERING

PROFESSIONAL TRAINING IN OIL & GAS



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ARYAN ENGINEERING

AE: is an innovative training company whose focus is to develop and deliver dynamic, relevant, and highly useful educational content to professional. The purpose of this training is to help professionals achieve the knowledge necessary to enter the field of Oil and Gas in today's work environment, in addition to the bookish knowledge which may be seldom used in the practical world these days.

AE is designed and conducted to meet the training needs for those who need to upgrade /make carriers in the Oil & Gas field in their jobs / start the job respectively.

Aryan engineering (AE)'s mission is focused to build up the young engineer's career, continue enhancement of knowledge, people development and the utilization of best practices in Oil and Gas industry.

AE courses are designed to give professionals instantly usable information that makes their jobs easier, to provide the latest practical information, and to offer specific implementation techniques. To that end, AE has put to use a significant team of training industry talent to drive content development and product delivery.

AE's aims to guide young professionals towards field of oil and gas. To serve as a launching pad for serious new generation of engineers and a fruit full carrier in the field of oil and gas. To provide sound training to meet the international level. Well planned program of guidance and highly competitive environment.

Energy industry is a large subject area covering a range of topics. These courses provides a handy reference guide on engineering that engineer and student will find useful. Basic principles such as design, construction, operation and maintenance are explained. When working in the oil and Gas or any energy field, there are numerous codes and standards, calculation approaches and reference material that the operator must understand in order to make accurate and informed decisions.

PROFESSIONAL COURSES

Piping Design Skill

Piping Engineering

Offshore Piping

Project Engineering

Stress Analysis

PMP Course

Piping Course:

(Piping Design skill/Piping Engineering/Offshore Piping)

Overview:

This course will familiarize engineers, designers and construction personnel with standards, Piping layout, Material, stress analysis design procedures and practices involved in the location of equipment and layout of piping systems. Completing piping arrangements take up the majority of man-hours in the design of a process plant and the designer is required to apply acceptable layout procedures. This is an intensive course that will give attendees the background required to complete a typical equipment layout and piping arrangement.

Course Highlights

Equipment Layout and Plot Plans. Civil, Structural, Electrical, Instrumentation and Maintenance considerations. Distribution Systems, Pipe Racks, Pumps and Piping, , Strainers, Valves, Piping Material specification, Pipe Supports, stress analysis, Loads at Nozzles, Horizontal and Vertical Vessels, Placement, Nozzle Orientation, Internals, Platforms, Ladders, Manholes, Maintenance Requirements, Valving, Instrumentation, Process considerations, Process and Utility Piping.

Who Should Attend

This course is intended for B.E(Cheical ,Mechanical ,Instrumentation)/ ITI /DIPLOMA /Piping, Process and Design Engineers, Designers entering the plant design field, Senior Draftsmen, piping and process Draftsmen and Practicing Engineers requiring to expand their understanding of layout procedures. Further, it is suitable for piping Fabricators, Contractors and Suppliers wishing to understand the relationship of manufacture and fabrication, as well as Analysis Personnel wishing to expand their knowledge through this program which will offer practical solutions to design problems.

Project Engineering:

(Project engineering/PMP Course)

Overview:

This course covers the main training requirements in line with the **Project Management** , will lead to successful **Project Management Professionals**. Management will benefit through the use of the principles of time and cost control as advocated in the Project Management. Sound principles and Tools make the control of one's resources practical and efficient. Participants will clearly understand and use the philosophies, basic tools and techniques of project management. Further, they will understand the risks and pitfalls in administration, scope management, people management, pricing and control in projects and take preventive action to minimize such risks. The course will enable participants to apply techniques for project feasibility analysis, and analyze project viability – payback, technological and operational.

Course Highlights

What is Project, Project Management, Role of a Project Manager, Project life cycle, Organizational influences on project management and Enterprise Environmental factor. Project Integration management , Project scope, Project time management , Project cost Management, Project Quality Management, Project human resources, Project communication Management , Project risk Management , Project procurement Management.

Who Should Attend

This course is targeted at all Managers, Engineers, Lead Engineers, Section Head and Supervisors who already have knowledge of project management techniques and tools. Some managers are directly responsible for projects and need to manage the task professionally. Others need to know about pitfalls in their environments when managing project management consultants.

Stress Analysis:

Overview:

This course covers performing a piping stress analysis, design and select appropriate supports and spring hangers. Understanding of pipe support related problems due to sustained and thermal loads associated with major process equipment in operating piping systems. Engineers, Designers, and Analysts as well as their supervisors and Managers should find this course valuable in broadening their knowledge of the types of problems that can arise in operating piping systems. Experience in piping analysis or completing a basic piping design course will facilitate understanding the investigative concepts.

Course Highlights

Purposes of Stress Analysis, Stress isometric, stress analysis design basis, stress analysis design criteria, Pipe Supports Hangers ,Spring Hangers ,Pipe Support System Design Thermal Stress Analysis ,Expansion Joint Design and Applications Equipment Nozzle Loading.

Who Should Attend

This course is intended for those individuals whose work includes the design, selection, and maintenance of piping and pipe support systems in fossil and nuclear power generation, paper manufacturing, refinery or chemical process industries. who are called on to resolve piping related problems in operating problem systems.

Fee:

FEE for each of the above courses is mentioned in Table 1. It including study material, assignments and exams fee. Pay the Fee by

- 1) Paypal (credit card).(After successful completion of the online transaction, you will have access to the course immediately.)
- 2) Transfer the amount on Aryan Engineering Bank Account.

The remittance details are as follows:

- * A/C Name : Aryan Engineering
- * A/C No: 01322560000755
- * Bank: HDFC Bank, Palam, New Delhi-110045, India
- * Swift Code : HDFCINBB
- * IFSC code :HDFC0000132

Directly remit the amount to the account mentioned above. You are requested to mail us the transaction details that you would receive enabling us track your payment and you will receive user ID and password on your email.

Fees mentioned are the net fees payable (including service tax). Applicable bank charges should be borne by the depositor (if any).

TABLE 1

S.No.	Course Title	Duration	Fees	Remarks
1	Piping Engineering	12 Weeks	USD1000/ RS 62000	with 16 Hrs Face to Face class
2	Offshore Piping design Engineering	12 Weeks	USD1000/ RS 62000	with 16 Hrs Face to Face class
3	Piping Design Skilled Engineering	12 Weeks	USD1000 / RS 62000	with 16 Hrs Face to Face class
4	Piping Stress Analysis	4 Weeks	USD800/ RS 49600	with 10 Hrs Face to Face class
5	Project Engineering	6 Weeks	USD600 / Rs 37200	with 12 Hrs Face to Face class
6	Piping Design Engineering - Online	8 Weeks	USD400 / Rs 24800	
7	PMP Test (800 Question)	8 Weeks	USD14 / Rs 870	Get 100% Result
8	PMP Test Simulator (1500 Question)	12 Weeks	USD24 / Rs 1490	Get 100% Result
9	PMP – Boot Camp & Simulator	12 Weeks	USD150 / Rs 9300	with 35 hrs Contact hour Certificates
10	PMP course with simulator (with 12 Hrs Face to Face class)	12 weeks	USD375 / Rs 23250	with 35 hrs Contact hour Certificates

We hope you will enjoy your experience with aryanengineering.com. For free trial, Please register as New User thru www.aryanengineering.com or write to us info@aryanengineering.com



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