



NARGAN
ACADEMY



Advanced pressure Vessel Fixed Equipment Training

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WHY CHOOSE THIS TRAINING COURSE?

This course offers thorough instruction on different aspects of process design. It includes verifying manufacturer documentation and relevant details, preparing bid-related documents such as technical clarifications and evaluations, Implement technical comments, and conducting comprehensive checks of the manufacturer's documentation. In the first step, all technical documents for a complicated tower will be reviewed and at the end of this course required standards for designing heat exchangers will be reviewed briefly.

The most remarkable achievement in this course is understanding role of manufacturers and consultant companies at the same time. This course aims at finalizing all complementary points which a knowledgeable engineer should know about especially fixed equipment in this industry.

WHAT ARE THE GOALS?

By the end of this course, all the participants have got familiar with requirement of codes, standards, handbooks and important design requirements of shell and tube heat exchangers.

WHO IS THIS TRAINING COURSE FOR?

In order to enter this course, it is necessary to pass the preliminary course of pressure vessel design and to have a complete knowledge of the relevant principles and standards.

COURSE SYLLABUS (24 HOURS)

- Tower design training
 - Checking the manufacturer's documents
- Documents required to enter into a contract with the manufacturer (TCL, TBE)
- How to review the documents to authorize the ordering of sheets by the manufacturer
 - Basic familiarity with the clauses required in converter design including (TEMA, API660)
 - Inspection of welding documents



Mohammad Hasan Amirkalaei

WORK EXPERIENCE :

- Senior Mechanical Engineer (Equipment engineer including static equipment and different types of cranes in Mechanical department)
- Deputy engineer and supervisor of engineering design projects such as the project related to Sadaf ESBR plant in most technical stages of engineering affairs including basic design, bid stage, vendor document checking and observing all junior engineers who are involved in this project.
- Leader engineer of engineering design projects such as Gachsaran petrochemical company in most technical stages of engineering affairs including designing a jib crane on the roof of a storage tank for lifting main bodies of two pumps in period of maintenance and vendor document checking and observing all junior engineers who are involved in this project. | Nargan company | 2015-present | Tehran, Iran

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