



## API 610 TRAINING

*This two-day course provides participants with an overview of the contents of the ISO 13709/API 610 standard.*

*It's designed to train engineers to better understand the current API 610 11<sup>th</sup> ed./ISO 13709 2<sup>nd</sup> Edition Standard/ Specification.*



### Course Summary

The course provides deep knowledge of this international standard for technical decision makers who deal with pump selection and reliability daily. By explaining important details contained in the API 610 standard, this course clarifies how it impacts pump manufacturers' and customers' evaluations. Students will be able to identify specific requirements of the API standard and determine how they impact customer purchasing requirements. CEUs are available.

### Audience

This course is intended for individuals in the following fields: Project Engineering, Reliability Engineering, Rotating Equipment Engineering and Procurement. Other personnel requiring knowledge or a refresher on the fundamentals of centrifugal pump design and the API 610 standard will also find this course helpful.



### Course Objectives

The content is based on the 2<sup>nd</sup> edition of 13709/11<sup>th</sup> edition of API 610, which will be used as the reference document. The training is focused on addressing information contained within the API 610 data sheets.

The course's major objectives include:

- Recognize important details contained in the basic pump and "specific pumps" specification sections
- Address critical information by studying the major components found within the API 610 data sheets
- Discuss why certain details were included within the document
- Explain how the specifications impact pump manufacturers' and customers' evaluations
- Highlight the 131 new bullet paragraphs that have been added to the API 610 default requirements

### Prerequisites

Basic experience with rotating equipment and basic knowledge for oil and gas service.

### Course Location

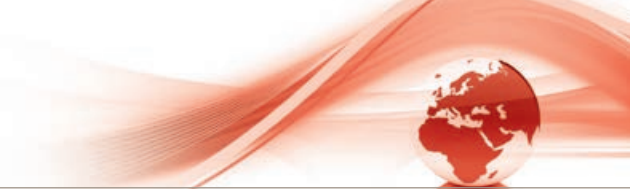
**Flowserve Pump Center**  
4015 Flowserve Way • Pasadena, TX 77503

**Course Dates:** August 15–16, 2017

**Course Time:** 8 a.m. – 4 p.m.

**Course Capacity:** Limited to maximum of 24 attendees per course

**Price:** \$875



### Course Registration

For registrations, please visit:  
[academy.flowserve.com](http://academy.flowserve.com)

- 1 Select the course you are interested in from the Course tab.
- 2 Select the location, date and number of attendees.
- 3 Click on **Purchase Now** and complete the checkout process.

Email assistance: [esg@flowserve.com](mailto:esg@flowserve.com)



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