

# Introduction to Valve Standards

## Course Contents

### Product Monogram Standards

#### ❖ **Introduction to API 6D**

- Introduction to API 6D
- Scope and purpose of the standard
- Terms used in this standard
- Different valve types and its configurations
- Design consideration and calculations
- Design Features
- Material specification for general and sour service
- Welding requirements
- Quality control and documentation
- Pressure testing for different design configurations
- Documentation
- Marking requirements

#### ❖ **Introduction to API 600**

- Introduction to API 600
- Scope and purpose of the standard
- Terms used in this standard
- Pressure temperature ratings
- Design consideration & features
- Material for different components and trim combinations
- Testing Requirements
- Documentation
- Marking requirements

**Similarly, other product monogram standard trainings can be done as per requirement.**

# Introduction to Valve Standards

## Commonly used Standards

### ❖ **Introduction to ASME B16.34**

- Introduction to ASME B16.34
- Scope and purpose of the standard
- Pressure-temperature ratings and materials
- Valve types and their design requirements
- End connections and dimensions
- Marking and identification requirements
- Testing and inspection requirements
- Non-destructive examination (NDE) techniques

### ❖ **Introduction to ASME B16.5**

- Introduction to ASME B16.5
- Scope and purpose of the standard
- Pressure temperature rating
- Flange types and their design requirements
- Flange face types and their dimensions
- Flange tolerances
- Pressure testing

### ❖ **Introduction to ASME B16.10**

- Introduction to ASME B16.10
- Scope and purpose of the standard
- Facings of Flanged Valves
- Types of face-to-face dimensions
- Tolerances
- Use of dimension table for face to face of flanged end and welding end valves

### ❖ **Introduction to API 598**

- Introduction to API 598
- Scope and purpose of the standard
- Terms used in this standard
- Inspection, examination and supplementary requirements
- Different Pressure tests
- Pressure test procedures

**Similarly, other standard trainings can be done as per requirement.**

# Introduction to Valve Standards

## Note :

- ✓ Latest Edition of the standard will be considered for training.
- ✓ Exercises / Q&A throughout the workshop.
- ✓ Final test will be conducted to know about the effectiveness of the training session.
  
- ✓ **Duration** : 1 Day (8 Hrs./Day) / per standard

## Contact Details

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