IVAMA®

INDIAN VALVE AND ACTUATOR MANUFACTURERS ASSOCIATION

TECHNICAL WEBINARS

BASIC PROGAM FOR SKILL DEVELOPMENT

IVAMA – Technical Webinars for Skill Development Basic Program 17			
Webinar	**Topic**	**Date**	**Day**
1	Basics of Valves and Pipes	23-Nov-26	Monday
2	Different Types of Valves and Selection	24-Nov-26	Tuesday
3	Codes and Standards for Valves and Actuators	25-Nov-26	Wednesday
4	Materials of Construction for Valve Shell Components	26-Nov-26	Thursday
5	Materials of Construction for Valve Trim and Sealing Components	27-Nov-26	Friday
6	Valve Operation	01-Dec-26	Tuesday
7	Pressure Testing of Valves	02-Dec-26	Wednesday
	Examination	09-Dec-26	**Wednesday**

Timing: 10:30 h to 12:30 h

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One of the main focus areas in any organization which makes it more competitive and profitable is Skill Development. IVAMA Association offers a range of Technical Webinars which will be helpful to young and middle level engineers in Sales/Marketing, Design, R&D, SCM, Production, and Quality functions of Valve and Actuator industry.

TOPICS COVERED

1 Basics of Valves and Pipes

Brief history of Valves; Basics of Pipes; Different functions of Valves; Basic principles of flow control; Basic types of valves; valve size and pressure rating; special and intermediate classes; Definition of Valve terminologies.

2 Different Types of Valves and Selection

Different types of valves: Gate, Globe, Check, Floating ball, Trunnion mounted ball; Butterfly; Plug; Diaphragm; Applicable standards; Advantages and limitations of each type; Basis for selection of particular valve type

3 Codes and Standards for Valves & Actuators

Boiler disasters; Boiler codes; Safety and Interchangeability; Standardization bodies; Different end connections; Face-to-face dimensions; Material standards; Standards for valves & actuators; Metrification; Standards for pressure testing; Functional qualification testing; Customers' specifications; Applicability of standards.

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4 Materials of Construction for Valve Shell Components

Engineering materials; Different forms of materials; Advantages & limitations; Pressure containing components; Cast iron, Ductile iron, Carbon steels, Low alloy steels, Alloy steels & Stainless steels; Special & exotic materials; Temperature limitations; NACE Requirements; Selection of materials.

5 Materials of Construction for Valve Trim & Sealing Components

Trim components and codifications as per API; Trim materials; Sealing components – Gaskets and packing; Elastomers and plastics; Temperature limitations.

6 Valve Operation

Manual operation; Indicator; Locking Arrangements; Interlocking; Extension Spindle; Buried Application; Gear Operation and Power operation

7 Pressure Testing of Valves

Applicable Standards; Shell test; Seat test; Hydrostatic and pneumatic test; Torque test; Supplementary tests; Remote inspection; Site tests

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FEE per PARTICIPANT*

MEMBER COMPANIES	NON- MEMBER COMPANIES
₹ 1,500 PER WEBINAR	₹ 2,000 PER WEBINAR
₹ 9,000 ALL 7 WEBINARS	₹ 12,000 ALL 7 WEBINARS
₹ 8,000 5 OR MORE PARTICIPANTS FOR ALL 7 WEBINARS	₹ 10,500 5 OR MORE PARTICIPANTS FOR ALL 7 WEBINARS
₹ 7,000 10 OR MORE PARTICIPANTS FOR ALL 7 WEBINARS	₹ 9,000 10 OR MORE PARTICIPANTS FOR ALL 7 WEBINARS
₹ 6,000 FOR ALL 7 WEBINARS EXCLUSIVE FOR A COMPANY (MINIMUM 20 PARTICIPANTS)	₹ 8,000 FOR ALL 7 WEBINARS EXCLUSIVE FOR A COMPANY (MINIMUM 20 PARTICIPANTS)

* An **18% GST** shall be charged on all fees.

GENERAL GUIDELINES

- Webinars shall be conducted via the Microsoft Teams platform.
- Each session shall consist of 110-minute presentation followed by a 10-minute Q&A session.
- Certificates shall be issued only to participants who attend all seven webinars and successfully qualify the examination.
- Each webinar requires a minimum of 20 registered participants

FOR FURTHER DETAILS, CONTACT

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