

MASS FLOW CONTROLLER (MFC) OPERATIONAL THEORY & TROUBLESHOOTING

Who should attend?

This course is designed for those individuals in the semiconductor industry who require the knowledge and skill to service and troubleshoot Mass Flow Controllers.

Course Benefits

Improve ability to troubleshoot complex software and hardware faults to reduce system downtime.

Integrate wafer process issues and hardware/software faults.

Increase knowledge of:

Process fundamentals.

Integration of process in wafer fabrication.

Process measurement techniques.

Post-PM process recovery.

Course Objectives

- Common MFC definitions and applications.
- Materials and component differences in MFCs.
- MFC characteristics to non-conforming conditions.
- Standards for MFC calibration and verification procedures.
- Proper MFC troubleshooting techniques.
- Application and delivery aspects of non-gaseous materials.

Course Modules

1. *MFC Definitions and Applications*
2. *MFC Component Differences*
3. *MFC Characteristics*

4. *MFC Calibration and Verification Procedural Standards*
5. *MFC Troubleshooting Techniques*
6. *Application and Delivery Aspects of Non-Gaseous Materials*

Registration Information

Prerequisites: None

Course Length: 2 Hours

Course Type: Web-based Training

Course Number: TRNWEB-100

To enroll or for more information on our products and services, please call our registrar at one of the numbers below or go to www.appliedtraining.com.

- 1-800-468-8888, option 4 (United States)
- 1-512-272-0027 (International)

Computer System Requirements:

Attending this course requires a Windows 98, NT, 2000 or XP computer using Internet Explorer 5.5 or higher. 128MB RAM or higher and high-speed Internet access is also highly recommended.