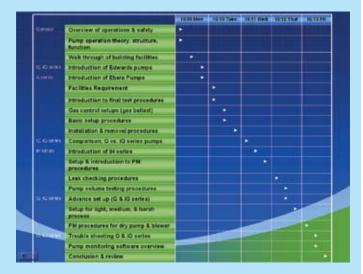
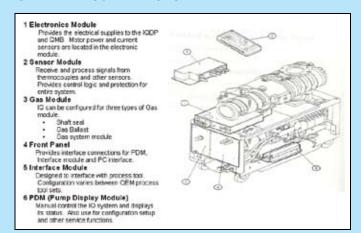


Vacuum Pump Training Program

TYPICAL VACUUM TRAINING



SAMPLE PROGRAM MODULE



TESTIMONIALS

"Picked up some new ideas to apply back on-site."

"Plenty of hands on experience & exercises which is a much more effective tool for learning in this field..."

"I have been on several vendor training courses in the USA and Germany and this was far more beneficial."

For semiconductor companies who want training to take full ownership of their vacuum pumps' maintenance, FMG provides the most comprehensive and practical training courses needed available in the industry.

Unlike vendor-specific training, FMG's courses cover all brands and all types of pumps and blowers. And the context is a focus on the realities of the FAB systems environment – especially during shutdowns and startups.

Explanation and training on the assembly and preventative maintenance helps your team understand the inner workings of the vacuum pumps. You get better acquainted with your systems to recognize early signs of trouble, prevent premature failures, and costly downtime.

A typical 3-5 day curriculum can run shorter or longer depending the number of pump models taught. The program can be tailored to any experience level — extensive for someone new to the field, or intensive for senior level technicians. The course can be based around the technician's prior pump experience and knowledge.

FEATURES

- · Overview of pump operation, theory, structure
- Facilities requirement
- · Safety shutdown and start up procedures
- Leak testing procedures, how to and what to look for
- Preventative maintenance procedures
- · Gas control setups
- Installation / removal of pumps and blowers
- Set up for light, medium, and harsh processes
- Test procedures (base pressure, speed curve, temperature)
- Cleaning and inspection of exhaust silencer (step-by-step procedures)
- Troubleshooting and error codes (what they mean and how to clear them)

ADVANTAGES

- "Out of the box" approach to training & troubleshooting
- Systems level methodology
- All brands
- · All types
- . Beyond theory practical real-world applications
- Tips from the pros
- What they don't tell you at vendor specific training

FMG Enterprises, Inc. • 1125 Memorex Drive • Santa Clara CA • 95050 **T**: 408.982.0110 • **F**: 408.982.0529 • **E**: sales_fmg@fmgvacpump.com **www.fmgvacpump.com**