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MAINTAIN YOUR EQUIPMENT...

...BY MAINTAINING THE SKILLS OF YOUR WORKFORCE.

At Systran, we know the real value of improving your employees' skills lies in improved equipment reliability and overall plant uptime. So, if you want to keep your facility running at top efficiency, you first must address the skillset of the employees running it. We specialize in creating customized maintenance training programs and materials based on your site's specific environment, challenges and equipment.

Our experienced team of maintenance craft training experts will first research your group's current knowledge and skills for a thorough understanding of issues or gaps which need attention. Then, they will design a strategy that combines education and hands-on performance exercises to meet your group's training requirements. They'll even tailor the training to incorporate your specific maintenance procedures and company policies.

As your maintenance training partner, Systran will design a program to:

- Address challenges in the analyzer, electrical, instrument & mechanical areas
- Improve employees' knowledge & skills
- Implement among individuals or small groups
- Combine foundational knowledge with hands-on performance exercises
- Meet your company's specific policies & procedures

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**SEE WHAT EFFECTIVE
MAINTENANCE TRAINING
CAN MEAN FOR YOUR
BOTTOM LINE.**

Visit systraninc.com for
more information,
or contact us at 281.480.8004.



ANALYZER

- Introduction to Analyzers
- Combustible Analyzers (LEL)
- Toxic Gas Monitoring
- Carbon Monoxide
- Carbon Dioxide & Oxygen
- Gas Cylinders
- Fiber Optic Cables
- Basic Sample Systems
- Advanced Sample Systems
- Conductivity
- Oxygen in Liquid
- pH
- Chlorine
- Colorimetry
- Phosphorous
- Moisture in Gases & Liquids
- Moisture in Solids
- Infrared Analyzers
- Opacity
- UV Analyzers (NO, NOx, SO2)
- Oxygen in Gas
- H2S Analyzers
- Hydrocarbon
- Ultra-Violet Light & Visible Light
- Total Organic Carbon Analyzers
- Calorimeters
- Viscometers
- Air Quality Monitoring (CEMS)
- Sulfur Oxide
- RON (Research Octane Number)
- Gas and Liquid Chromatographs
- Mass Spectrometers
- Basic Troubleshooting
- Intermediate Troubleshooting

ELECTRICAL

- Cable Terminations
- Temporary Supplies & Lighting
- Substations
- Area Classification Electrical
- Lighting
- Portable Equipment & Installations
- Test Equipment
- Cathodic Protection
- LV Motors
- Basic Troubleshooting
- Intermediate Troubleshooting
- LV Switchboard & Starters
- Transformers
- Earthing
- LV-MV Heaters
- Electrical Authorization
- MV Motors
- MV Motor Maintenance
- MV Switchboard & Starters
- LV-MV Generators
- High Resistance Grounding Banks
- Overhead Cranes
- UPS Operation
- UPS Maintenance
- Relay Protection
- Capacitor Banks
- Variable Frequency Drives

INSTRUMENT

- Area Classification & Electrical Safety
- Tools and Test Equipment
- Basic Instrumentation
- Instrument Fitting Skills
- Central Control Room
- Remote Instrument Buildings
- Pressure Instruments
- Temperature Instruments
- Flow Instruments
- Level Instruments
- Control Valves
- Actuators, Positioners & Accessories
- Basic Troubleshooting
- Intermediate Troubleshooting
- Tank Gauging Instruments
- Flame Detectors
- Process Control
- Process Safeguarding
- Systems & Protocols I
- Systems & Protocols II
- Vibration Measurement
- Speed Measurement
- Weight Measurement

MECHANICAL

- Flanges, Gaskets & Valve Packing
- Lubrication
- Workshop Practices
- Gearboxes
- Centrifugal Pumps
- Reciprocating, PD, Gear & Screw Pumps
- Sundyne Pumps
- Compressors 1: Types, Operation & Minor Maintenance
- Alignment Principles
- Compressors 2: Centrifugal Components & Minor Inspection
- Compressors 3: Reciprocating Components & Minor Inspection
- Compressors 4: Centrifugal Major Inspection / Minor Overhaul
- Compressors 5: Reciprocating Major Inspection / Minor Overhaul
- Compressors 6: Screw Components & Inspection
- Fin Fans: Types, Components, Minor Maintenance, Disassembly, Assembly & Overhaul
- Mixers & Blowers: Types, Components & Overhaul
- Turbines 1: Steam Types, Components & Minor Maintenance
- Turbines 2: Steam Turbine Speed & Control Devices
- Turbines 3: Governors & Protection Systems

