

Inverter Technical Training Agenda

Presented by AMETEK Solidstate Controls

MONDAY, 12/11	SCHEDULE
Introductions / Agenda / Housekeeping	8:00 – 8:30
Electronic Component Operation & Failure Modes	8:30 – 10:00
Semiconductor Troubleshooting & Replacement	10:00 – 11:00
Practical Exercises Operating System – Normal & Abnormal Conditions	11:00 – Noon
Lunch	Noon – 1:00
Rectifier / Charger Operation & Maintenance	1:00 – 4:30

TUESDAY, 12/12	SCHEDULE
Review Subjects Discussed Previous Day	8:00 – 8:30
Charger Practical Exercises & Adjustments	8:30 – 10:00
Inverter / Constant Voltage Transformer (CVT) Theory of Operation	10:00 – Noon
Lunch	Noon – 1:00
Static Switch Theory of Operation	1:00 – 2:00
Inverter, CVT, and Static Switch Practical Exercises	2:00 – 4:30

WEDNESDAY, 12/13	SCHEDULE
Review Subjects Discussed Previous Day	8:00 – 8:30
Charger, Inverter, Static Switch Troubleshooting	8:30 – Noon
Lunch	Noon – 1:00
Circuit Board Calibrations	1:00 – 4:30

THURSDAY, 12/14	SCHEDULE
Review Subjects Discussed Previous Day	8:00 – 8:30
Preventive Maintenance	8:30 – Noon
Lunch	Noon – 1:00
Inverter Fault Clearing Demonstrations	1:00 – 4:30

FRIDAY, 12/15 (OPTIONAL)	SCHEDULE
Open Lab	8:00 – 11:30