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New Jersey Section of the
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NEMA TS2 Controller Assembly Troubleshooting Seminar



Course Description:

This one day (8 hour) troubleshooting seminar covers advanced traffic signal functions and troubleshooting of TS2 Type 2 controller assemblies, Cabinet Components and Terminal Facilities. This seminar is designed to introduce the attendees to intermediate and advanced troubleshooting procedures for the TS2 communication bus. This seminar will be extremely helpful to individuals who are expanding their career in the traffic industry or who are required to install or service TS 2 type cabinets. We strongly suggest you have at least 2 years of practical experience before attending this seminar

- **In addition, this seminar will cover:**
- Hands-on troubleshooting of common problems
- Malfunction Management Unit operation
- Operation of auxiliary components
- Buss Interface Unit and SDLC operation
- Record keeping
- Use of electrical meters and test equipment
- Logical steps for observing and troubleshooting a problem
- Overview of electrical principals and safety
- Bonding and Grounding
- Overview of signal phasing, operation and terminology
- Overview of preventive maintenance

Who should attend?

- Engineers
 - Electricians
 - Maintenance Personnel
- Anyone interested in learning about NEMA TS2 Troubleshooting and Controller Assembly Operation.

Recommended Prerequisites:

- Traffic Signal Level I Certification
- Traffic Signal Level II Field
- Traffic Signal Level II Construction

This seminar is worth 16 CEC towards your IMSA certification renewal

IMSA NEW JERSEY SECTION

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