



### **Traffic Signal Senior Field Technician Level III**

The 100-question exam associated with this certification has been prepared to test the candidate on a wide range of topics relating to field expertise and general knowledge of the applied traffic signal technologies in the field. The following lists some of the reference materials that the potential IMSA Traffic Signals Senior Field Technician Level III must be familiar with: NEMA Standards (TS1 & TS2); 170/2070 standards; various traffic detection methods setup and configuration manuals; video detection manufacturers setup manuals; lighting protection de-vices; FHWA and ITE vehicle detection manuals; communications methods; MUTCD; signal head types specifications and installation methods; IMSA Wire and Cable Specifications; ITE-Traffic Engineer-ing Manual; ITE-Traffic Control Devices Handbook; Traffic Signal preemption devices; understanding of basic electronics and electrical; US National Electrical Code and/or Canadian Electrical Code.

#### **Prerequisites:**

- *Work Zone Temporary Traffic Control certification*
- *Traffic Signal Field Technician Level II certification*
- *Five years experience in the traffic signal field*