SECTION **01 91 28**

**ELECTRONIC SAFETY AND SECURITY COMMISSIONING**

1. GENERAL
   * + 1. RELATED DOCUMENTS
          1. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.
       2. SUMMARY
          1. Section includes the contractor commissioning responsibilities.
          2. Related Sections:

Materials, Equipment and Systems included in commissioning scope are identified in other Division 23 Specification Sections:

Section 01 91 00 Commissioning

Section 01 91 07 Building Envelope Commissioning

Section 01 91 21 Fire Suppression Commissioning

Section 01 91 22 Plumbing Commissioning

Section 01 91 23 HVAC Commissioning

Section 01 91 26 Electrical Commissioning

Section 01 91 27 Communications Commissioning

Section 01 77 00 Closeout Procedures

Section 01 79 00 Demonstration and Training

* + - * 1. Additional Demonstration and Training requirements for commissioned materials, equipment and systems are defined in Section 01 91 79 Demonstration and Training for Commissioned Systems.

1. PRODUCTS
   * + 1. TEST EQUIPMENT
          1. As specified in Section 01 91 00 Commissioning.
2. EXECUTION
   * + 1. COMMISSIONED SYSTEMS
          1. Fire Alarm and Security Systems

Fire alarm system includes smoke detectors, sensors and Integrated Testing.

Video Surveillance Systems

Security systems.

* + - 1. REPORTS, CHECKLISTS AND TESTS
         1. In addition to specific reports, checks and tests identified in each Division 28 specification section, the table below identifies commissioned materials, equipment and systems that require the Receiving Reports (RR), Prefunctional Checks (PFC) and Functional Performance Testing (FPT).

| Material/Equipment /System | Section | RR | PFC | FPT | Notes |
| --- | --- | --- | --- | --- | --- |
| Security General | 28 00 10 | NR | Req | Req |  |
| Security Performance Verification | 28 00 90 | NR | Req | Req |  |
| Security Systems | 28 10 00 | NR | Req | Req |  |
| Video Surveillance Systems | 28 11 00 | NR | Req | Req |  |
| Fire Detection and Alarm General | 28 30 10 | NR | Req | Req |  |
| Fire Detection and Alarm Performance Verification | 28 30 90 | NR | Req | Req |  |
| Fire Alarm System | 28 31 00 | NR | Req | Req |  |
| Air Sampling Smoke Detectors | 28 32 00 | NR | Req | Req |  |
| Integrated Systems Testing |  |  |  | Req |  |

* + - 1. FUNCTIONAL PERFORMANCE TESTS
         1. Schedule functional tests a minimum of two weeks before building acceptance. Ensure the required Fire Marshal inspections have been completed. The GT Fire Marshal shall be notified in advance of proposed acceptance testing and invited to participate at their discretion.
         2. Coordinate with GT Police Department in advance of any planned testing including final testing with dial-out to GTPD.

END OF SECTION