

# Integrated Systems Testing (IST)

Functionally test cause and effects, including all software and hardwired interfaces for the following

## IST Whole Building Testing

- All Life Safety Systems
- All Mission Critical Systems
- Building Envelop Controls & Monitoring Systems
- Energy Management Systems
- Landscaping Irrigation Systems

## IST Testing Mission Critical Systems (Hospitals, Data Centres, Banks)

- Access Control & Security Systems
- Mission Critical Process Equipment
- Back up Power Systems (Generators, UPS, Batteries, Fuel System)
- Load Shedding Software System
- Chilled Water Systems
- Heating Systems
- BMS Plus Alarms and Retransmission of Alerts

## Minimum Recommended IST Testing For AHJ + Health & Safety

- Fire Alarm
- Public Address System
- Back up Power System (Generators, UPS, Batteries, Fuel System)
- Staircase Pressurization System
- Smoke Management Systems
- Elevators Grounding in Fire Condition