



INTEGRATED SYSTEMS TESTING (IST)

Our Approach

- Development and coordination of the IST Plan
- Simulation of full-load and emergency conditions
- Documentation binder with test plan, findings, and certificate
- One-year post-occupancy retesting
- Testing aligned with code, design intent, and occupancy timelines

Overview

Integrated Systems Testing (IST) is a critical step in confirming life safety systems function together as designed. Nodal Electrical Engineering (NEE) provides IST coordination and execution in accordance with CAN/ULC S1001 and the National Building Code (Alberta Edition) under the supervision of a Professional Engineer. Our testing is grounded in technical rigor and a strong understanding of field conditions.

Why it Matters

Life safety systems often pass individual commissioning tests—but IST confirms how they function together in real emergency scenarios. From fire alarms and smoke control, to emergency power, elevators, and BMS interfaces; we test how systems respond under pressure and identify any gaps before turnover.

Why NEE?

We plan ahead and test thoroughly, helping teams meet occupancy timelines without last-minute surprises. Our approach is proactive, code-aligned, and grounded in real construction workflows.

We want no surprises – only smooth handovers