

Why Should Health & Safety Professionals Care About CSA Z462

1. What is CSA Standard Z462?

- CSA Z462 covers Workplace Electrical Safety and deals primarily with how **electrical work is performed**, and includes specifications for:
 - **safe work procedures** for persons working on electrical equipment; and
 - **PPE** for electrical workers and maintenance personnel.

2. Why should Facilities & Operations professionals care?

- CSA Z462 is referenced in the **Canadian Electrical Code**,
- **Electrical incidents** often occur during routine maintenance or service work at the facility,
- This risk may be elevated if work is performed by **contractors** unfamiliar with the infrastructure,
- Electrical incidents represent:
 - **Safety risk** of worker injuries or fatalities
 - **Financial risk**
 - Cost to repair damaged equipment
 - Lost operations due to damaged infrastructure.

3. What Should You Do About It?

- Confirm** that your facility has an up-to-date **Electrical Safety Program** document,
- Check** that an **Incident Energy Analysis (Arc Flash Study)** has been conducted in the last 5 year,
- Confirm** that all maintenance staff have access to the latest 2021 edition of **CSA Standard Z462**, and
- Check** that all staff and contractor electricians create Z462-compliant **Job Safety Plans** prior to performing electrical work.



Read our [Case Study](#) to learn how London Health Sciences handles Workplace Electrical Safety.