CASE STUDY

RAPID ELECTRICAL SAFETY RESPONSE AT OLIVE HARVEY COLLEGE

Client & Facility

City Colleges of Chicago: Active Public Sector Campus

Project Overview

Stingray Electric was engaged by Olive Harvey College following a fire event linked to electrical system deficiencies that required immediate investigation and corrective action. The project involved responding quickly to urgent safety concerns within an occupied campus while ensuring continued facility operations.

Challenge

Post-incident concerns centered on the safety, reliability, and code compliance of the existing electrical distribution system. The City Colleges required a qualified contractor to rapidly identify root causes, mitigate fire risk, and restore confidence in the campus electrical infrastructure, without disrupting daily academic activities.

Assessment & Findings

Stingray Electric conducted an expedited assessment of existing conditions and identified improper grounding conditions along with a potential double-bonding issue within the electrical distribution system. These deficiencies created serious life-safety hazards and posed ongoing operational risk in an active public sector environment.

Approach & Coordination

Working closely with the owner and an engineering team, Stingray Electric developed a focused corrective strategy. Clear communication, rapid decision-making, and technical expertise were critical to diagnosing the issues and implementing solutions efficiently under occupied conditions.

Solutions Implemented

Stingray Electric executed corrective measures to address grounding deficiencies and eliminate unsafe electrical bonding conditions. All work was completed in accordance with current electrical code requirements while maintaining system integrity and campus functionality throughout the process.

Safety & Operational

Life safety was the top priority. Careful planning and sequencing allowed all corrective work to be completed while keeping the campus fully operational, minimizing disruption to students, faculty, and staff.

Results & Impact

The corrective actions resolved the underlying conditions contributing to fire risk, restored proper electrical system performance, and reinforced code compliance. As a result, City Colleges are regaining confidence in the safety and reliability of Olive Harvey College's electrical infrastructure.

Key Takeaway

This project demonstrates Stingray Electric's ability to respond rapidly to critical situations, diagnose complex electrical issues, and deliver safe, effective solutions in active public sector facilities—ensuring safety while allowing day-to-day operations to continue uninterrupted.

☎ 773.444.3474 ✉ info@stingray-electric.com 💻 stingray-electric.com

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Stingray Electric was called in to assist Olive Harvey College following a fire event tied to electrical system deficiencies that required immediate investigation and corrective action. Initial evaluation identified improper grounding conditions and a potential double bonding issue within the electrical distribution system, creating serious safety and reliability concerns in an occupied campus environment.

Stingray Electric performed a rapid assessment of existing conditions, coordinated closely with the owner and engineering team, and implemented corrective measures to address grounding deficiencies and eliminate unsafe conditions. All work was executed in accordance with current code requirements while maintaining continuous campus operations and prioritizing life safety.

As a result, the root causes contributing to the fire risk were resolved, system integrity was restored, and City Colleges regained confidence in the safety and reliability of its electrical infrastructure. The project highlights Stingray Electric's ability to respond quickly to critical situations, diagnose complex electrical issues, and deliver safe, effective solutions in active public sector facilities, allowing normal day-to-day operations to continue.

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✉ info@stingray-electric.com

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