INTERSTATES

ELECTRICAL HEALTH & RELIABILITY

SELF-ASSESSMENT

How exposed is your facility to electrical downtime, safety risk, and compliance gaps? Teams often believe their electrical maintenance is under control, only to discover hidden gaps during audits, safety incidents, and downtime events. This assessment helps you quickly evaluate whether your electrical maintenance practices are protecting your operations, people, and ability to meet NFPA 70B and 70E expectations.

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1 Electrical Safety Program

How well is your electrical safety program (Arc Flash, LOTO, PPE, training) implemented and followed?

- ☐ 0 = Not in place
- ☐ 1 = Informal, inconsistent
- ☐ 2 = Documented but not enforced
- ☐ 3 = Fully implemented and enforced

2 Electrical Maintenance Program

Do you have a documented electrical maintenance program with defined procedures, responsibilities, and records?

- ☐ 0 = No structured program
- ☐ 1 = Informal or reactive maintenance only
- ☐ 2 = Documented program with gaps in execution or coverage
- ☐ 3 = Structured, documented, and consistently executed program

3 Unexpected Electrical Issues

How often do unexpected electrical issues (trips, faults, failures) disrupt operations?

- ☐ 0 = Frequent disruptions impacting production
- ☐ 1 = Reoccurring issues with unclear root cause
- ☐ 2 = Occasional issues, generally understood
- ☐ 3 = Rare to none, system performs as expected

4 Equipment Condition & Asset Health

What is the current condition of your critical electrical equipment (switchgear, transformers, cables)?

- ☐ 0 = Significant degradation, concerning results
- ☐ 1 = Visible aging, testing overdue
- ☐ 2 = Generally good condition with minor issues
- ☐ 3 = Well maintained, no known concerns

5 Environmental & Operating Conditions

How well are your electrical systems protected and maintained (cleanliness, access, environment)?

- ☐ 0 = Active hazards (dust, moisture, blocked access, unsafe conditions)
- ☐ 1 = Noticeable issues or inconsistent upkeep
- ☐ 2 = Generally controlled with minor concerns
- ☐ 3 = Clean, controlled, and maintained to best practices

6 Documentation & Visibility

How accessible and reliable is your electrical maintenance and testing documentation (one-lines, studies, and maintenance records)?

- ☐ 0 = No reliable documentation or visibility
- ☐ 1 = Outdated or fragmented data
- ☐ 2 = Mostly current but inconsistently used
- ☐ 3 = Up-to-date, accessible, and actively used for decisions

SCORING ▶ Total Score: _____ /18

UNDERSTANDING YOUR SCORE

0-7 | High Risk	8-13 | Moderate Risk	14-18 | Lower Risk
Your facility is exposed to avoidable downtime, safety incidents, and compliance gaps.	You have structure in place, but gaps exist that can lead to operational disruption or safety exposure.	Your facility is operating with a structured approach, but ongoing discipline is requred to maintain performance.

WANT TO VALIDATE YOUR RESULTS?

The Interstates team can validate your current state and identify the highest-risk gaps in 1–2 weeks through a structured on-site assessment. Even for companies in the "lower risk" category, we often find gaps in maintenance coverage, outdated arc flash or coordination studies, documentation that does not reflect actual system conditions, or similar issues.

NOT READY FOR A FULL ASSESSMENT?

We can walk through your results with you and highlight where your most significant risks likely exist, what "good" looks like based on NFPA 70B and 70E standards, and practical next steps to improve reliability and safety.

▶ **Contact Pulse360Team@interstates.com** to schedule an on-site assessment or talk through your results.