

Electrical System Risk Scorecard

2-Minute Self-Assessment for Industrial Facilities

Electrical failures rarely happen without warning.

This quick scorecard helps identify whether your facility may have **hidden electrical risks**.

Answer each question **Yes / No / Not Sure**.

1. Have all electrical panels, switchgear, and transformers been inspected with **infrared thermography in the last 12 months**?

Yes No Not Sure

2. Is your arc flash study current within the last 5 years?

Yes No Not Sure

3. Do all electrical panels display accurate arc flash labels and PPE requirements?

Yes No Not Sure

4. Has your facility experienced nuisance breaker trips, unexplained shutdowns, or equipment resets in the past year?

Yes No Not Sure

5. Have you ever conducted a power quality study to detect harmonics, voltage distortion, or transient events?

Yes No Not Sure

6. Has your grounding system been tested within the past 3–5 years?

Yes No Not Sure

7. Are electrical maintenance inspections documented and scheduled annually?

Yes No Not Sure

8. Have you experienced overheating electrical connections, melted insulation, or unusual equipment odors?

Yes No Not Sure

9. Are electrical system upgrades, load changes, or new equipment installations reviewed for system impact?

Yes No Not Sure

Your Electrical Risk Score

Count your **No** and **Not Sure** answers: _____

Score	Risk Level
0-1	Low electrical risk
2-3	Moderate risk
4+	Elevated electrical risk

Facilities with Elevated Risk Often Discover

- overloaded transformers
- elevated Harmonic levels that may be outside of IEEE Harmonic Guidelines
- loose electrical connections
- failing breakers
- poor grounding systems
- outdated arc flash studies

These issues can lead to:

- equipment damage
- unexpected shutdowns
- safety incidents
- insurance claim problems

Recommended Next Step

Facilities with **2 or more risk indicators** should consider a professional **Electrical Risk Assessment**, which typically includes:

- NFPA 70B thermographic inspection
- arc flash compliance review
- power quality site audit

To learn more, visit our website at progusa.net or schedule an appointment by scanning the QR Code below or contact:

Mark Shirah marks@progusa.net
863-722-9077

