

# Electrical Service Report

Date: 2024-06-27

Technician: John Doe

Client: ABC Manufacturing Inc.

Equipment: Industrial Air Compressor (Model X123)

Location: Plant 2 – Maintenance Bay

## 1. Report Summary

This **electrical service report** sample provides a detailed overview of the diagnostics and repairs performed on electrical equipment. It includes information on the issue identified, corrective actions taken, and recommended maintenance to ensure optimal performance. Using this report helps maintain safety standards and improve equipment reliability.

## 2. Issue Identified

- No power supplied to the air compressor upon startup.
- Control panel screen flashing error codes E3 and E5.

## 3. Diagnostics Performed

- Inspected main power supply and verified circuit continuity.
- Tested circuit breaker and fuses (Fuse 2 found blown).
- Checked wiring connections for signs of burns or wear.
- Ran diagnostic software to retrieve error code definitions.

## 4. Corrective Actions Taken

- Replaced blown Fuse 2 (20A, 250V).
- Secured and tightened wiring connections at the control panel.
- Cleared error codes from system memory.
- Tested compressor operation under normal load; system started successfully.

## 5. Recommendations & Maintenance

- Perform monthly visual inspections on fuses and wiring for early detection of issues.
- Clean control panel with appropriate non-conductive cleaner weekly.
- Schedule quarterly electrical system checks by a licensed electrician.

## 6. Approval & Signatures

Technician Signature	<hr/>	Date	<hr/>
Client Signature	<hr/>	Date	<hr/>