



## FIELD KIT CHECKLIST

### Pre-Installation Site Assessment - Canada/EU Version

#### SITE INFORMATION COLLECTION

- Facility name and complete address
- Primary contact name and phone number
- Secondary contact name and phone number
- Utility company name and account number
- Service voltage and configuration (e.g., 400V, 3-phase)
- Main electrical panel location and accessibility
- Emergency contact information
- Site access requirements and restrictions

#### ELECTRICAL SYSTEM ASSESSMENT

- Main electrical panel location identified
- Available electrical capacity verified (minimum 25kVA required)
- Existing power factor correction equipment noted
- Load profile analysis completed
- Voltage measurements taken at installation point
- Current measurements taken during peak load
- Harmonic distortion levels measured
- Grounding system condition verified
- Electrical code compliance confirmed (CSA/CE standards)

#### INSTALLATION REQUIREMENTS

- Mounting location identified and approved
- Clearance requirements met (minimum 1 meter on all sides)
- Ventilation adequate for heat dissipation
- Access for maintenance and service

- Cable routing path planned
- Safety barriers and warning signs planned
- Environmental conditions suitable (temperature, humidity)
- Structural support adequate for equipment weight

## SAFETY REQUIREMENTS

- Lockout/tagout procedures reviewed and approved: \_\_\_\_\_
- Personal protective equipment (PPE) requirements identified: \_\_\_\_\_
- Emergency procedures documented and posted: \_\_\_\_\_
- First aid kit available on site: \_\_\_\_\_
- Fire extinguisher requirements met: \_\_\_\_\_
- Safety training completed for all personnel: \_\_\_\_\_
- Hazard identification and risk assessment completed: \_\_\_\_\_
- Emergency contact numbers posted: \_\_\_\_\_

## REGULATORY COMPLIANCE

- CSA standards compliance verified: \_\_\_\_\_
- CE marking requirements met: \_\_\_\_\_
- Local electrical codes reviewed: \_\_\_\_\_
- Environmental regulations compliance: \_\_\_\_\_
- Workplace safety regulations met: \_\_\_\_\_
- Energy efficiency standards compliance: \_\_\_\_\_
- Noise level requirements met: \_\_\_\_\_
- Documentation requirements fulfilled: \_\_\_\_\_

## DOCUMENTATION REQUIREMENTS

- Site photos taken from multiple angles
- Electrical measurements recorded (metric units)
- Electrical drawings reviewed and updated
- Permits obtained from local authorities
- Utility approval documentation
- Insurance certificates current
- Installation plan approved by customer
- Safety plan approved by site supervisor

## TECHNICIAN NOTES

Notes:

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## INSTALLATION SIGN-OFF

Installation Date: \_\_\_\_\_ Technician: \_\_\_\_\_

Customer Approval: \_\_\_\_\_ Supervisor: \_\_\_\_\_

Utility Approval: \_\_\_\_\_ Safety Officer: \_\_\_\_\_

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