

# Australian Electrification Industries

## *High Voltage Transmission Surge Arrester Order Form*

### *Customer Information*

1. **Customer Name:** \_\_\_\_\_
2. **Company Name:** \_\_\_\_\_
3. **Contact Person:** \_\_\_\_\_
  - a. **Phone:** \_\_\_\_\_
  - b. **Email:** \_\_\_\_\_
4. **Order Reference Number:** \_\_\_\_\_

### *Project and System Details*

1. **Project Name:** \_\_\_\_\_
2. **Project Location:** \_\_\_\_\_
3. **Nominal System Voltage (kV):** \_\_\_\_\_
4. **Maximum System Voltage (kV):** \_\_\_\_\_
5. **System Frequency (Hz):** \_\_\_\_\_
6. **Installation Environment (Indoor/Outdoor):** \_\_\_\_\_

### ***Surge Arrester Specifications***

1. **Rated Voltage (Ur):** \_\_\_\_\_
2. **Continuous Operating Voltage (Uc):** \_\_\_\_\_
3. **Nominal Discharge Current (kA):** \_\_\_\_\_
4. **Energy Absorption Capability (Joules):** \_\_\_\_\_
5. **High Current Impulse Withstand (kA):** \_\_\_\_\_
6. **Temporary Overvoltage Withstand (kV):**
  - a. **Magnitude:** \_\_\_\_\_
  - b. **Duration:** \_\_\_\_\_

### ***Insulation Coordination***

1. **Lightning Impulse Protection Level (LIPL):** \_\_\_\_\_
2. **Switching Impulse Protection Level (SIPL):** \_\_\_\_\_
3. **Creepage Distance (mm):** \_\_\_\_\_
4. **Power Frequency Withstand Voltage (kV):** \_\_\_\_\_

### ***Environmental Conditions***

1. **Temperature Range (°C):** \_\_\_\_\_
2. **Pollution Level (per IEC 60815):** \_\_\_\_\_
3. **Altitude Above Sea Level (meters):** \_\_\_\_\_
4. **Seismic Resistance Required (Yes/No):** \_\_\_\_\_
5. **UV Resistance Required (Yes/No):** \_\_\_\_\_

### ***Mechanical Requirements***

1. **Housing Material (Polymer/Porcelain):** \_\_\_\_\_
2. **Mounting Type (Wall/Pole/Tower):** \_\_\_\_\_
3. **Mechanical Strength:**
  - a. **Torsional Strength (Nm):** \_\_\_\_\_
  - b. **Cantilever Strength (Nm):** \_\_\_\_\_
4. **Weight Limit (kg):** \_\_\_\_\_

### ***Standards Compliance***

## **1. Required Standards:**

### ***Testing and Documentation Requirements***

1. **Type Test Reports Required (Yes/No):** \_\_\_\_\_
2. **Routine Test Reports Required (Yes/No):** \_\_\_\_\_
3. **Special Testing (Pollution, Seismic, Endurance, etc.):** \_\_\_\_\_

### ***Accessories and Monitoring***

1. **Surge Counter (Yes/No):** \_\_\_\_\_
2. **Grounding Kit (Yes/No):** \_\_\_\_\_
3. **Other Accessories:** \_\_\_\_\_

### ***Delivery and Packaging Requirements***

1. **Delivery Deadline:** \_\_\_\_\_

**2. Packaging Requirements (e.g., weatherproof, crating):**

### ***Additional Notes or Special Instructions***

### ***Customer Approval***

I hereby confirm that the details provided in this form are accurate and acknowledge that Australian Electrification Industries will proceed with the order based on this specification.

**Customer Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

For assistance, please contact **Australian Electrification Industries** at:

- **Phone:** +61 460 945 803
- **Email:** [info@austei.com.au](mailto:info@austei.com.au)
- **Website:** [www.austei.com.au](http://www.austei.com.au)