



Dinnteco DDCE Standards & Certifications

Lightning Pro US

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International Standards & Test Validations

1. UNE 21186:2011 (Spain)

- Protection against lightning. Lightning rods with early streamer emission.
- Although DDCE is not an ESE system, testing validates performance.

2. UNE-EN 60060-1 / IEC 60060-1

- High-voltage test techniques - General definitions and test requirements.
- Applied for impulse voltage and current testing of DDCE devices.

3. UNE-EN 50164 / EN 62561 Series

- Standards for components of lightning protection systems.

4. IEC 62305 (Parts 1-4)

- Guidelines for risk assessment and lightning protection of structures.

5. CE Marking (EU)

- Declares conformity with EEA safety and environmental protection requirements.

Laboratory Certifications & Performance Testing

1. High Voltage Testing Labs

- LCOE (Spain), INTA, and others validated surge performance and robustness.

2. EMC Compliance

- Suitable for use near sensitive electronics (IEC 61000 series compliance).

3. Corrosion & Salt Fog Testing

- Exposure tests similar to ASTM B117 to ensure performance in harsh environments.

International Approvals

1. Latin America

- Approved in Colombia, Peru, Panama, Mexico, and more.

2. Africa

- Recognized in Angola, Nigeria, Morocco, Algeria, and others.

3. Asia & Middle East

- Installations in UAE, India, Philippines, and Malaysia.

4. United States

- Not UL 96A listed but engineered to comply with NFPA 780 and IEC 62305.
- Installed alongside UL-compliant systems where applicable.

Additional Recognitions

- Certified Installer Program
 - Dinnteco maintains a global network of certified installers.
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- Patent Protection
 - Protected under international patents (e.g., WO/2009/033791).

Lightning Pro US - Be Lightning Free