Danger Plate 132kv

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At MM Power line Transmission, danger plates are critical safety components used in our 132 kV power transmission systems. These plates play a vital role in ensuring the safety of personnel and the public by clearly indicating the presence of high-voltage areas. This article highlights the importance of danger plates, the types we use, and the benefits they bring to our safety protocols and operational standards.

Importance of Danger Plates

1. **Ensuring Safety Awareness:** Danger plates are crucial for alerting individuals to the presence of high-voltage areas. By prominently displaying warnings, they help prevent accidental contact with electrical components, reducing the risk of electrical shocks or injuries.
2. **Compliance with Regulations:** Safety regulations require clear and visible warning signs in high-voltage environments. At MM Power line Transmission, our danger plates ensure compliance with these regulations, helping us meet legal and safety standards.
3. **Preventing Unauthorized Access:** Danger plates act as a deterrent to unauthorized personnel who may inadvertently enter high-voltage areas. By providing clear warnings, these plates help prevent unauthorized access and ensure that only trained and authorized individuals interact with electrical equipment.
4. **Enhancing Operational Safety:** Properly placed danger plates contribute to the overall safety of power transmission operations. They help maintain a safe working environment for maintenance crews and operational staff by clearly marking hazardous areas.

Types of Danger Plates

1. **High-Voltage Warning Plates:** These plates are specifically designed for high-voltage areas, such as 132 kV transmission lines. They feature bold, clear warnings about the electrical hazards, ensuring that anyone approaching the area is aware of the potential dangers.
2. **Danger Labels with Symbols:** In addition to textual warnings, some danger plates include universally recognized symbols, such as lightning bolts or electrical hazard icons. These symbols enhance the visibility and effectiveness of the warning messages.
3. **Reflective Danger Plates:** To improve visibility in low-light conditions or adverse weather, reflective danger plates are used. These plates are designed to reflect light, making the warnings more noticeable and effective at all times.
4. **Custom Warning Plates:** MM Power line Transmission also provides custom danger plates tailored to specific operational needs or site requirements. These custom plates ensure that warnings are appropriately adapted to unique conditions or hazards.

Benefits of Danger Plates

1. **Enhanced Safety:** By providing clear and visible warnings, our danger plates significantly enhance safety for both personnel and the public. This proactive approach helps prevent accidents and injuries related to high-voltage systems.
2. **Regulatory Compliance:** Our danger plates are designed to meet stringent safety regulations, ensuring that we comply with industry standards and legal requirements. This compliance is essential for maintaining operational integrity and avoiding potential fines.
3. **Improved Hazard Awareness:** The use of danger plates increases awareness of potential electrical hazards, helping individuals understand the risks and take necessary precautions. This improved awareness contributes to a safer working environment.
4. **Durability and Reliability:** Constructed from high-quality materials, our danger plates are built to withstand harsh environmental conditions and maintain their effectiveness over time. This durability ensures that the safety messages remain visible and reliable.

Conclusion

At MM Powerline Transmission, danger plates for 132 kV systems are a key element of our safety strategy, offering essential benefits such as enhanced safety, regulatory compliance, and improved hazard awareness. By implementing high-quality and clearly visible danger plates, we demonstrate our commitment to maintaining a safe working environment and ensuring the well-being of all individuals interacting with our power transmission infrastructure.

BOQ

MARK ON	DESCRIPTION	MATERIAL	QTY. NOS
1	DANGER PLATE	MILD STEEL SHEET	1
2	M16x35 LONG BOLT	HDG STEEL	2
3	M16 NUT	HDG STEEL	2
4	2MM THK. LEAD WASHER	HDG STEEL	4

TECHNICAL DATA

1. ALL DIMENSIONS ARE IN MM.
2. LETTERS NUMERALS SKULL AND CROSS BONES TO BE ENAMELLED RED ON WHITE BACKGROUND.
3. BACK SIDE OF PLATE TO BE ENAMELLED BLACK.
4. ALL PLATES TO BE MANUFACTURED OUT OF 16 GAUGE SHEET STEEL.
5. M-16×35 mm BOLT WITH NUT & 4 NOS 2 mm THICK LEAD WASHER ARE TO BE SUPPLIED WITH EACH PLATE.
6. QTY:- 1 Nos./Tower
7. BOLT NUT TO BE AS PER IS : 12427 (1988) & GALVANISED AS PER IS : 1367 (PART – XIII)

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