



# Danger Plate 220kv

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## Danger Plate 220kv

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At MM Power line Transmission, danger plates are essential safety components used in our 220 kV power transmission systems. These plates are critical in ensuring the safety of personnel and the public by clearly marking areas with high-voltage risks. This article explores the significance of danger plates, the different types we use, and the benefits they bring to our safety measures and operational standards.

#### Importance of Danger Plates

- Ensuring Safety Awareness:** Danger plates serve as crucial warnings for high-voltage areas, helping to prevent accidental contact with electrical components. At MM Power line Transmission, our danger plates provide clear notifications to avoid potential electrical hazards, thus safeguarding personnel and the public.
- Compliance with Regulations:** Regulatory standards mandate that high-voltage areas be clearly marked with appropriate warning signs. Our danger plates comply with these regulations, ensuring that we adhere to legal requirements and safety protocols in all our operations.
- Preventing Unauthorized Access:** Danger plates help deter unauthorized individuals from entering high-voltage zones. By clearly marking these areas, we reduce the risk of untrained or unauthorized access, ensuring that only qualified personnel handle electrical equipment.
- Enhancing Operational Safety:** Properly installed danger plates contribute to a safer working environment for maintenance teams and operational staff. These plates help identify hazardous areas, reducing the risk of accidents and ensuring safer interactions with our power transmission infrastructure.

#### Types of Danger Plates

- High-Voltage Warning Plates:** Designed specifically for 220 kV systems, these plates feature bold and clear warnings about electrical hazards. They ensure that anyone near high-voltage equipment is immediately aware of the potential dangers.
- Danger Labels with Universal Symbols:** In addition to text warnings, some of our danger plates include universal hazard symbols such as lightning bolts. These symbols enhance the visibility and impact of the warning messages, making them effective across diverse audiences.
- Reflective Danger Plates:** To ensure high visibility in various lighting conditions, including low light and night-time, we use reflective danger plates. These plates are designed to reflect light and remain visible, maintaining their effectiveness in all conditions.
- Custom Warning Plates:** MM Power line Transmission offers custom danger plates tailored to specific operational or site requirements. These customized solutions ensure that the warnings are suited to particular hazards or environmental conditions.

#### Benefits of Danger Plates

- Enhanced Safety:** Our danger plates significantly improve safety by providing clear, visible warnings about high-voltage areas. This proactive measure helps prevent accidents and injuries associated with electrical hazards.
- Regulatory Compliance:** Designed to meet stringent safety and regulatory standards, our danger plates ensure compliance with industry requirements. This compliance is crucial for maintaining operational integrity and avoiding potential penalties.
- Improved Hazard Awareness:** By clearly marking hazardous areas, our danger plates increase awareness and understanding of electrical risks. This improved hazard awareness helps individuals take appropriate precautions, contributing to a safer working environment.
- Durability and Reliability:** Constructed from durable materials, our danger plates are built to withstand environmental conditions and remain effective over time. This reliability ensures that the safety messages continue to serve their purpose throughout the lifespan of the installation.

#### Conclusion

At MM Power line Transmission, danger plates for 220 kV systems are integral to our safety protocols, offering essential benefits such as enhanced safety, regulatory compliance, and improved hazard awareness. By implementing high-quality and clearly visible danger plates, we affirm our commitment to maintaining a safe working environment and ensuring the well-being of all individuals interacting with our high-voltage 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

- ALL DIMENSIONS ARE IN MM.
- LETTERS NUMERALS SKULL AND CROSS BONES TO BE ENAMELLED RED ON WHITE BACKGROUND.
- BACK SIDE OF PLATE TO BE ENAMELLED BLACK.
- ALL PLATES TO BE MANUFACTURED OUT OF 16 GAUGE SHEET STEEL.
- M-16x35 mm BOLT WITH NUT & 4 NOS 2 mm THICK LEAD WASHER ARE TO BE SUPPLIED WITH EACH PLATE.
- QTY:- 1 Nos./Tower
- BOLT NUT TO BE AS PER IS : 12427 ( 1988 ) & GALVANISED AS PER IS : 1367 ( PART – XIII)

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#### Address

Office : 2D,N.S.Road,shantinagar Colony,Compact Appt., Block-B,Flat-G001,Liluah,Howrah-711 204,West Bengal,India  
 Factory : 58,N.S.Road,Liluah,Howrah – 711204,West Bengal,India  
 +91 8961536500  
 sales@mmpt.in