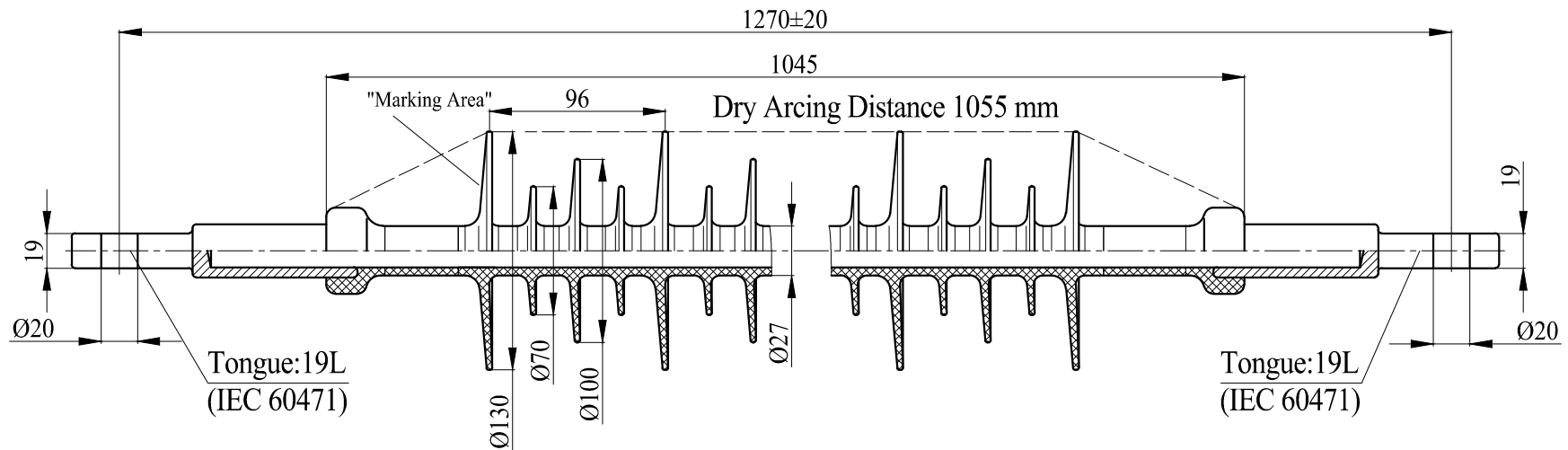




DIMENSIONS:

- Height: 1270±20 mm.
- Dry Arcing Distance: 1055 mm.
- Leakage Distance: 3250 mm.
- Diameter Of The Rod: Ø18 mm.
- Number Of Sheds: 37.

RAW MATERIALS:

1. End-fitting:

1.1 Material:

Forged Steel, HotDipGalvanized.

1.2 Minimum Thickness Of The Galvanization: 86 µm.

2. Core:

2.1 Material: Epoxy & Glass Fiber, Acid-Resistant Type.

2.2 Diameter: Ø18mm.

3. Weather Sheds:

3.1 Material: HTV Silicone .

3.2 Color: Gray.

MECHANICAL:

- Specified Mechanical Load (SML): 120kN.
- Routine Test Load (RTL): 80 kN.
- Standard: IEC 61109.

ELECTRICAL:

- Rated Voltage: 110 kV.
- Power Frequency Withstand Voltage(Wet) : 230 kV.
- Lightning Impulse Withstand Voltage: 550 kV.
- Standard: IEC 61109.

MARKING:

Wuhan Line Power Transmission Equipment Co., Ltd.

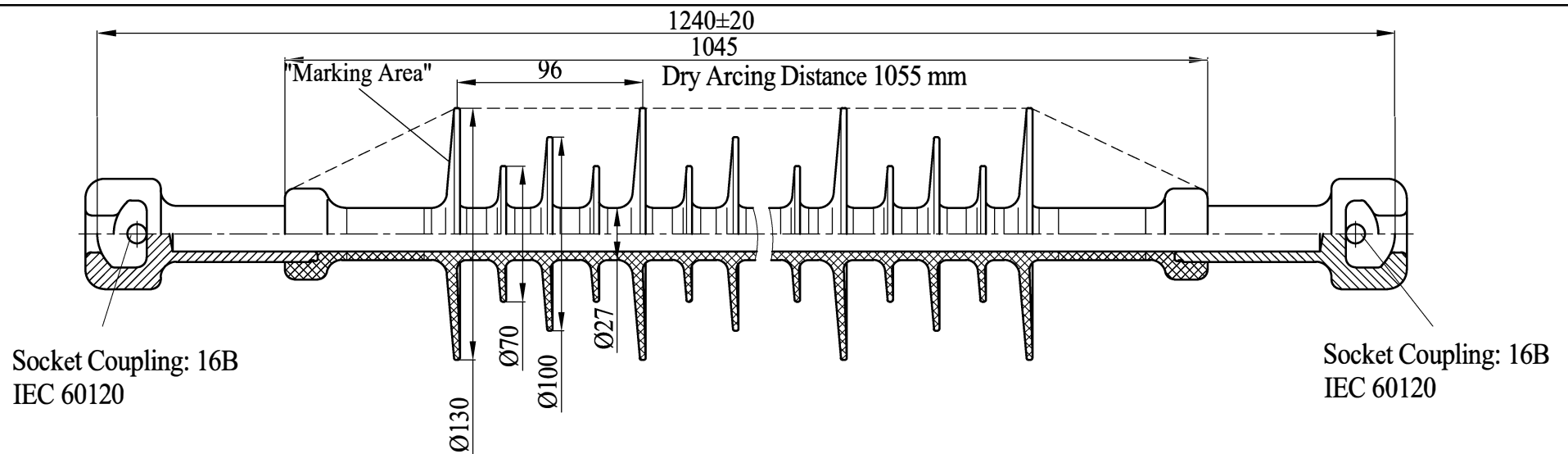
Year of production: 20XX

SML:120 kN

110kV CS 120 TT19 550/3250

Serial No.:2XXXXXX

						General Drawing	 Wuhan Line Power Transmission Equipment Co., Ltd.				
							PLP Reference No. 110kV CS 120 TT19 550/3250 Composite Insulator				
Mark	Amount	Section	Modifying File NO.	Sign	Y M D						
Design		2022.3.22	Standard			Stage Mark	Weight (kg)	Ratio	Drawing No.: 110kV120-1270-20220322-TT (Catalog No.: FXBW-110/120-TT)		
Check											
Verify							4.2				
Process			Approved			1 Page in all The 1st Page					



DIMENSIONS:

- Height: 1240±20 mm.
- Dry Arcing Distance: 1055 mm.
- Creepage Distance: 3250 mm.
- Diameter Of The Rod: 18 mm.
- Coupling Dimensions: Socket/Socket: 16B (IEC 60120).
- Number Of Sheds: 37.

MECHANICAL:

- Specified Mechanical Load (SML): 120 kN.
- Routine Test Load (RTL): 80 kN.
- Standard: IEC 61109.

MARKING:

Wuhan Line Power Transmission Equipment Co., Ltd.
 Year of production: 20XX
 SML: 120kN
 110kV CS 120 SS16 550/3250
 Serial No.: 2XXXXXX

ELECTRICAL:

- Rated Voltage: 110 kV.
- Power Frequency Withstand Voltage (Wet 1 Min): 230 kV.
- Lightning Impulse Withstand Voltage: 550 kV.
- Standard: IEC 61109.

RAW MATERIALS:

1. End-fitting:

1.1 Material:

Forged Steel, Hot Dip Galvanized.

1.2 Minimum thickness of the galvanization: 86 µm.

1.3 Split Pin R Type: Stainless Steel.

2. Core:

2.1 Material: Epoxy & Glass Fiber, Acid-Resistant Type.

2.2 Diameter: Ø18 mm.

3. Weather sheds:

3.1 Material: HTV Silicone .

3.2 Color: Gray.

						General Drawing					 Wuhan Line Power Transmission Equipment Co. Ltd.	
Mark	Amount	Section	Modifying File NO.		Sign	Y M D						PLP Reference No.
Design		2202.03.17	Standard				Stage Mark		Weight (kg)	Ratio	110kV CS 120 SS16 550/3250 Composite Insulator	
Check											Drawing No.: 110kV120-1240-20220317-SS (Catalog No.: FXBW-110/120-SS)	
Verify									4.5			
Process			Approved				1 Page in all The 1st Page					