

Schedule C – 120 KN INSULATOR REQUIREMENTS

INSULATOR TYPE	120 KN INSULATORS		
Design Drawing No.			
PARAMETER	CLIENT REQUIREMENTS	Comply (Y/N)	Comments
INDIVIDUAL GLASS CAP AND PIN UNITS			
Minimum mechanical failing load (SANS/ IEC 60305)	120 kN		
Maximum nominal diameter (SANS/ IEC 60305)	255 mm		
Nominal spacing (SANS/ IEC 60305)	146 mm		
Standard coupling (SANS/ IEC 60120)	16 mm		
Minimum creepage distance (SANS/ IEC 60305)	295 mm		
Zinc sleeve included (IEC 60383)	Y		
Minimum dry 50Hz withstand voltage	70 kV		
Minimum wet 50Hz withstand voltage	40 kV		
Minimum positive Lightning Impulse withstand voltage	100 kV		
Minimum negative Lightning Impulse withstand voltage	100 kV		
Minimum 50Hz puncture withstand voltage	130 kV		
STRING PARAMETERS			
Minimum Dry LI withstand value	Indicate String Values (2 – 30)		
Power frequency withstand value	Indicate String Values (2 – 30)		
Deviations:			