



LIGHTNING IMPULSE WITHSTAND VOLTAGE	1050 kV	
POWER-FREQUENCY WITHSTAND VOLTAGE, WET	455 kV	
CRITICAL IMPULSE FLASHOVER, POSITIVE	1210 kV	
MAX. RIV AT 1000 kHz	500 μV	
LOW-FREQUENCY TEST VOLTAGE (RIV)	146 kV	
CREEPAGE DISTANCE	- NOMINAL	207 in 5257 mm
	- MINIMUM	198 in 5029 mm
MINIMUM FAILING LOAD	- BENDING (UPRIGHT & UNDERHUNG)	1250 lb 5.6 kN
	- TENSILE	25000 lb 112 kN
	- COMPRESSION	90000 lb 400.3 kN
	- TORSION	90000 in-lb 10.2 kNm
MAX. ANGULAR DEVIATION OF FIXING HOLES		1 °
TESTING ACC. TO ANSI C29.1		
MECHANICAL ROUTINE TEST: BENDING		4 x 50%
FIXING DEVICE MATERIAL: MALLEABLE CAST IRON, HOT DIP GALVANIZED		
APPROXIMATE WEIGHT	340 lb	158 kg



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DATE: 8/1/2014

CUSTOMER:

SCALE: NTS

TR316

DRAWN BY: E. GREEN

DWG. OUTDOOR STATION POST INSULATOR

APPROVED BY:

MATERIAL: