Format for measurement of Tower Footing Impedance

Name of Line:

Executing Agency:

Make and Model of Measuring Instrument:

Sl. No. of Measuring Instrument:

Date of Measurement	Soil Condition (Water logged/ Moist/ Dry/ Rocky)	Loc. No.	Type of Tower	Erection of Tower completed (Yes/ No)	Stringing of Earth wire Completed (Yes/ No)	Type of Earthing (Pipe/ Counter Poise/ Special)	Measured value of Tower footing Resistance (Ohms)	Measured value of Tower footing Impedance (Ohms)	Signature of Engineer of Executing Agency

Format for measurement of Dimensions of Foundation:

Name of Line:

Executing Agency:

Date of Measurement	Loc. No.	Foundation completed (Yes/ No)	Backfilling of foundation Completed (Yes/ No)	Level of different legs w.r.t. leg-A (mm)			Measurement of Diagonals using steel tape/ total station)			Measurement of Back to Back Dimensions using steel tape/ total station)				
				B	C	D	As per Drawing (mm)	Measured value AC (mm)	Measured value BD (mm)	As per Drawing (mm)	Measured value AB (mm)	Measured value BC (mm)	Measured value CD (mm)	Measured value DA (mm)

Signature of Engineer of Executing Agency

Signature of Engineer of Executing Agency

Format for Photogaphs after completion of final checking:

Name of Line:

Executing Agency:

Sl. No.	Date of Photography	Loc. No.	Photograph(s) of Complete Tower (Yes/ No)	Close up Photograph(s) of Cross Arms focusing on Insulators, Hardwares, Jumper bolt connections etc. (Yes/ No)	Photograph(s) of Forward span focusing on Conductor & Corridor (Yes/ No)	Photograph(s) of all four legs of Foundation (Yes/ No)	Signature of Engineer of Executing Agency	Signature of POWERGRID Line Engineer