

Confirmation of Design Testing – SVN R

This is to certify the successful completion of the following design tests for SVN R, polymer-housed station class arresters. Tests were performed in accordance with IEEE Standard C62.11-2020 “IEEE Standard for Metal Oxide Surge Arresters for AC Power Circuits (> 1kV)”.

Design Test Description	Clause
Arrester insulation withstand	8.1
Discharge-voltage	8.2
Accelerated aging of metal-oxide disks	8.5
Accelerated aging of polymer-housed arresters with exposure to salt fog	8.7
Contamination	8.8
Radio-influence voltage (RIV)	8.10
Switching surge energy rating, W_{th}	8.11
Single-impulse charge transfer rating, Q_{th}	8.12
Temporary overvoltage (TOV)	8.14
Short-circuit	8.15
Maximum design cantilever load (MDCL) and moisture ingress	8.19



Robert C. Schmitt
Arresters Business Unit Manager
HUBBELL POWER SYSTEMS