

NETA acceptance and maintenance testing

InterNational Electrical Testing Association

NETA specifications describe how electrical power equipment is field tested: the acceptance tests before a system is energized and the maintenance tests on interval afterwards. They are what turns an installed switchgear lineup into a lineup somebody is willing to close in on.

What it covers

- Insulation resistance and dielectric testing
- Protective device settings and trip verification
- Contact resistance and connection integrity
- Test record content and retention

What a field inspection looks at

- Test values photographed on the instrument, not transcribed only.
- Device settings photographed as left, matching the coordination study.
- Any retest documented with both the failing and passing result kept.

Adoption varies by jurisdiction. Confirm the edition your authority having jurisdiction enforces before you run a walk against it.