

IEEE Std C37.90.1™-2002

(Revision of
IEEE Std C37.90.1™-1989)

Correction to:
**IEEE Standard for Surge Withstand
 Capability (SWC) Tests for Relays and
 Relay Systems Associated with
 Electric Power Apparatus**

Sponsor

**Power System Relaying Committee
 of the
 Power Engineering Society**

Correction Sheet

Issued 20 August 2003**Page 19:** The equation in A.3.2 is incorrect.*The equation in A.3.2, as currently published:***A.3.2 Test generator output impedance measurement**

The generator impedance shall be calculated according to

$$Z_O = \frac{Z_{L1} \times Z_{L2} \times (Z_{L1} - V_{L2})}{V_{L1} \times V_{L2} - V_{L2} \times Z_{L1}}$$

*The equation in A.3.2 is corrected to:***A.3.2 Test generator output impedance measurement**

The generator impedance shall be calculated according to

$$Z_O = \frac{Z_{L1} \times Z_{L2} (V_{L1} - V_{L2})}{(V_{L2} \times Z_{L1}) - (V_{L1} \times Z_{L2})}$$