INSTRUCTIONS FOR CREATING SUBFORM: 3.2-ATS.230-Semi-Annual

Follow these steps to create the form fields:

STEP 1: Create a Single Select field

Contractor: UNITY

Description: 3.2-SA-ATS.230-1: Inspect the visually accessible portions of the ATS for evidence of heat, water, and mechanical damage. Such evidence guides the technician's further investigation and assessment of the internal portions of the ATS and its gear

Options: Yes, No

STEP 2: Create a Single Select field

Contractor: UNITY

Description: 3.2-SA-ATS.230-10: Measure and record the millivolt drop across each energized stationary and main contact while the switch is placed in each source position.

Options: Yes, No

STEP 3: Create a Single Select field

Contractor: UNITY

Description: 3.2-SA-ATS.230-11: Measure the contact resistance across the main and arcing contacts.

Options: Yes, No

STEP 4: Create a Single Select field

Contractor: UNITY

Description: 3.2-SA-ATS.230-2: After de-energizing upstream switchgear or placing the ATS in bypass mode, inspect the interior to verify that transfer switch mechanisms are intact together with their control circuit wiring, relays, and contacts.

Options: Yes, No

STEP 5: Create a Single Select field

Contractor: UNITY

Description: 3.2-SA-ATS.230-3: Inspect insulating parts, mechanism covers, and arc chutes for evidence of heat, discoloration and/or mechanical damage. replace any that are excessively worn or damaged.

Options: Yes, No

STEP 6: Create a Single Select field

Contractor: UNITY

Description: 3.2-SA-ATS.230-4: Check the alignment, deflection, gap, and wiping action of the main and arcing contacts.

Options: Yes, No

STEP 7: Create a Single Select field

Contractor: UNITY

Description: 3.2-SA-ATS.230-5: Inspect main and arcing contacts for wear, pitting, erosion, and discoloration, which indicate arcing or heat-related deterioration.

Options: Yes, No

STEP 8: Create a Single Select field

Contractor: UNITY

Description: 3.2-SA-ATS.230-6: Inspect the transfer mechanisms, coils, and contacts for evidence of damage or malfunction

Options: Yes, No

STEP 9: Create a Single Select field

Contractor: UNITY

Description: 3.2-SA-ATS.230-7: Check the tightness of all de-energized cable, wire, and bus connections. Re-secure any loose connections that are found.

Options: Yes, No

STEP 10: Create a Single Select field

Contractor: UNITY

Description: 3.2-SA-ATS.230-8: Record and verify all settings for voltage and frequency sensing, pickup, and dropout parameters for both normal and emergency power, as well as settings for all timing functions.

Options: Yes, No

STEP 11: Create a Single Select field

Contractor: UNITY

Description: 3.2-SA-ATS.230-8A: If the settings are inadvertently changed, then the recorded information will facilitate the recovery of normal operation.

Options: Yes, No

STEP 12: Create a Single Select field

Contractor: UNITY

Description: 3.2-SA-ATS.230-9: Measure the pre-inspection voltage and current at the Phase A, B, and C connections to verify that these values are within corresponding operating specifications

Options: Yes, No