

INSTRUCTIONS FOR CREATING SUBFORM: 2.12-SP-Annual

Follow these steps to create the form fields:

STEP 1: Create a Single Select field

Description: 2.12-A-SP-10: Check electrical cabinet and junction boxes to ensure they are clean and dry. Record status of electrical cabinet/junction boxes including whether they are dirty, wet or damaged. Clean and dry as needed. If wet, schedule corrective action to address water.

Options: Yes, No

STEP 2: Create a Single Select field

Description: 2.12-A-SP-12: Using a Meggar (1000 V Max), check that the resistance between the earth (ground) and phase lead is more than 5 megohms. Conduct a phase-to-phase resistance check. Record resistance value measured and phase-to-phase resistance check.

Options: Yes, No

STEP 3: Create a Single Select field

Description: 2.12-A-SP-13: Check the condition and functionality of level regulators. Record condition and status of level regulators including any damage, operational status, etc. Schedule replacement as necessary.

Options: Yes, No

STEP 4: Create a Single Select field

Description: 2.12-A-SP-14: Check lifting handle and lifting device to ensure local safety regulations are followed. Check condition of lifting handle and device. Check screws for the lifting handle.

Options: Yes, No

STEP 5: Create a Single Select field

Description: 2.12-A-SP-14A: Record condition and status of lifting handle and devices. Tighten or replace screws as necessary.

Options: Yes, No

STEP 6: Create a Single Select field

Description: 2.12-A-SP-16: Check overload protection and other protections to ensure correct settings. Record settings at onset of inspection. Change to correct settings. Record new settings.

Options: Yes, No

STEP 7: Create a Single Select field

Description: 2.12-A-SP-17: Check thermal contacts to ensure normally closed circuit and interval is between 0 and 1 ohm. Record settings and adjust as necessary

Options: Yes, No

STEP 8: Create a Single Select field

Description: 2.12-A-SP-18: Check thermistor resistance is between 20-250 ohms and the measure voltage is maximum 2 V DC. Record values and make adjustments as necessary.

Options: Yes, No

STEP 9: Create a Single Select field

Description: 2.12-A-SP-19: Check voltage and amperage running values. Record values and make adjustments as necessary.

Options: Yes, No

STEP 10: Create a Single Select field

Description: 2.12-A-SP-20: Check the inspection chamber. Drain all liquid, if any. Check the resistance of the leakage sensor, normal value approx.1200 ohms, alarm approx. 430 ohms.

Options: Yes, No

STEP 11: Create a Single Select field

Description: 2.12-A-SP-23: Check seal housing. Fill with new coolant, if necessary. Check that the freezing point is lower than -13°C (9°F).

Options: Yes, No

STEP 12: Create a Single Select field

Description: 2.12-A-SP-3: Check motor contactor for pitting or other signs of damage. Clean and tighten electrical connections as needed.

Options: Yes, No

STEP 13: Create a Single Select field

Description: 2.12-A-SP-4: Check pump drive for wear or problems due to poor alignment or poor bearing seating. Lubricate and adjust, and record evidence of wear.

Options: Yes, No

STEP 14: Create a Single Select field

Description: 2.12-A-SP-5: Check for proper fluid flow. Clean, adjust, and repair as needed to restore proper flow. Clean, adjust, as needed to restore proper flow.

Options: Yes, No

STEP 15: Create a Single Select field

Description: 2.12-A-SP-6: Assess field-serviceable bearings. Lubricate as necessary.

Options: Yes, No

STEP 16: Create a Single Select field

Description: 2.12-A-SP-7: Check insulation, vibration isolators, and flexible connectors for integrity. Clean as needed. Record location of damage.

Options: Yes, No

STEP 17: Create a Single Select field

Description: 2.12-A-SP-8: Check that the cables do not have any sharp bends and are not pinched. Check for damage of outer jacket. Record cable status, location of damage and schedule replacement of cable if damaged.

Options: Yes, No

STEP 18: Create a Single Select field

Description: 2.12-A-SP-9: Check power connections and terminal board connections are properly tightened. Record connection status and location of loose connection. Tighten connections as needed.

Options: Yes, No

STEP 19: Create a Single Select field

Description: 2.12-A-SP-11: Check the impeller clearance and impeller rotation direction. Adjust the impeller, if necessary.

Options: Yes, No

STEP 20: Create a Single Select field

Description: 2.12-A-SP-15: Inspect the oil plug O-rings, entrance O-rings and junction cover O-rings. Replace O-rings and lubricate new O-rings.

Options: Yes, No