Respond to AW Farm Graphic #300 Alarms at the 242-A Evaporator

Tank Farm Alarm Response Procedure 242-A Evaporator

USQ # EV-14-1328-S, Rev. 1

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RECORDS

No records are generated during the performance of this procedure.
**Respond to AW Farm Graphic #300 Alarms at the 242-A Evaporator**

**Facility:** 242-A Evaporator

**Graphic:** 300  
**Alarm #:** N/A

**Panel:** N/A

**Source:** K-241-AW-ANN  
**Setpoint:** AW Farm Alarm has activated

**Alarm Class:** Equipment Status

**Alarm Description:** AW FARM GENERAL ALARM (F61); common Alarm for AW Farm Alarms in the 241-AW-271 Building. This Alarm will also activate in conjunction with some AW Farm Alarms.

**Automatic Actions:**

None

**Operator Actions:**

[1] NOTIFY Shift Manager.

**Possible Causes:**

2. Ongoing maintenance PM.
3. Instrument malfunction.

**References:**

**Drawings:** H-2-70362, Sheet 1, H-2-70389, and H-2-99085, Sheets 6 and 16.

**Documents:** None
Facility: 242-A Evaporator

Graphic: 300       Alarm #: N/A

Panel: N/A        Setpoint: Power outage

Source: K-241-AW-LOP-1
          K-241-AW-LOP-2

Alarm Class: Equipment Status

Alarm Description: 271-AW BUILDING POWER LOSS (F61)

NOTE - 271-AW Instrument building has lost power.

Automatic Actions:

None

Operator Actions:

[1] ENSURE any AW Farm transfers are SHUT DOWN.

Possible Causes:

1. Planned or unplanned power outage at 271-AW Instrument Building.
2. Ongoing Maintenance PM.
3. Instrument malfunction.

References:

Drawings: H-2-70362, H-2-99085
Facility: 242-A Evaporator

Graphic: 300            Alarm #: N/A
Panel: N/A
Source: Pump Motor Relay (M)  Setpoint: N/A

Alarm Class: Equipment Status
Alarm Description: SN PUMP P-AW-101 STATUS (F59)

Automatic Actions:
None

Immediate Actions:

[1] ENSURE P-AW-101 (G300, F59) status is CF-OFF.

Probable Causes:

1. Pump has tripped for one of the following reasons:
   • Motor overload
   • High or Low motor current
   • Blown MCC breaker control circuit fuse.
2. Mechanical failure of pump.
3. Instrument malfunction or MCS reboot.

References:

Documents: None
Facility: 242-A Evaporator

Graphic: 300       Alarm #: N/A
Panel: N/A

Source: Pump Motor Relay (M)  Setpoint: N/A

Alarm Class: Equipment Status
Alarm Description: SN PUMP P-AW-103 STATUS (F59)

Automatic Actions:
None

Immediate Actions:

[1]  ENSURE P-AW-103 (G300, F59) status is CF-OFF.

Probable Causes:

1.  Pump has tripped for one of the following reasons:
   - Motor overload
   - High or Low motor current
   - Blown MCC breaker control circuit fuse.
2.  Mechanical failure of pump.
3.  Instrument malfunction or MCS reboot.

References:

Documents: None
**Respond to AW Farm Graphic #300 Alarms at the 242-A Evaporator**

Facility: 242-A Evaporator

Graphic: 300  
Alarm #: N/A

Panel: N/A

Source: Pump Motor Relay (M)  
Setpoint: N/A

Alarm Class: Equipment Status

Alarm Description: SN PUMP P-AW-104 STATUS (F59)

Automatic Actions:
None

Immediate Actions:
[1] **ENSURE** P-AW-104 (G300, F59) status is CF-OFF.
[2] **NOTIFY** Shift Manager.

Probable Causes:
1. Pump has tripped for one of the following reasons:
   - Motor overload
   - High or Low motor current
   - Blown MCC breaker control circuit fuse.
2. Mechanical failure of pump.
3. Instrument malfunction or MCS reboot.

References:

Documents: None
Facility: 242-A Evaporator

Graphic: 300  Alarm #: N/A
Panel: N/A
Source: Pump Motor Relay (M)  Setpoint: N/A

Alarm Class:  Equipment Status
Alarm Description:  SN PUMP P-AW-105 STATUS (F59)

Automatic Actions:
None

Immediate Actions:
[1]  ENSURE P-AW-105 (G300, F59) status is CF-OFF.

Probable Causes:

1.  Pump has tripped for one of the following reasons:
   •  Motor overload
   •  High or Low motor current
   •  Blown MCC breaker control circuit fuse.

2.  Mechanical failure of pump.

3.  Instrument malfunction or MCS reboot.

References:

Documents:  None
Facility: 242-A Evaporator

Graphic: 300          Alarm #: N/A
Panel: N/A

Source: Pump Motor Relay (M)  Setpoint: N/A

Alarm Class: Equipment Status
Alarm Description: SN PUMP P-AW-106 STATUS (F59)

Automatic Actions:
None

Immediate Actions:
[1] ENSURE P-AW-106 (G300, F59) status is CF-OFF.

Probable Causes:
1. Pump has tripped for one of the following reasons:
   • Motor overload
   • High or Low motor current
   • Blown MCC breaker control circuit fuse.
2. Mechanical failure of pump.
3. Instrument malfunction or MCS reboot.

References:
Documents: None