Customized Controls

Operation Manual
For
Rockett, Inc.

Jackson, Mississippi
Contact Person:
Phone Number:
Job Number: 5924
CC Phone Number:

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Automatic Mode-Starting of the SBS Powder Line System.

The System may be started from the **Auto Start Screen** accessed by depressing the **Auto Start** Function button in the bottom left corner of any screen.

The Washer and Ovens must be in **Auto Mode** to be started Automatically, the conveyor will not start Automatically but is interlocked to the Washer in **Auto** mode.
If the Component is in **Auto** mode then the Title will have a green box, if it is in **Manual** mode then the Title will have a flashing yellow box.
Auto and **Manual** modes must be toggled from individual **Manual Start** screens.

The **Cure Oven** will start when the **System Start Button** is depressed if it is in **Auto** mode, all of the Oven components and fans will step start. The Honeywell controller will start the Burner Fan and following a Nine-Minute Purge time, the burner will light.

The **Dry-Off Oven** will start when the **System Start Button** is depressed if it is in **Auto** mode, all of the Oven components and fans will step start. The Honeywell controller will start the Burner Fan and following a Nine-Minute Purge time, the burner will light.

The **Washer** will start when the **System Start Button** is depressed if it is in **Auto** mode. The Honeywell controller will start the Burner Fans and following a two and one-half Minute Purge time, the burners will light. The pump motors will not step-start until the process temperatures are within ten degrees of the Setpoint Temperature.

Automatic Mode-Starting of the SBS Powder Line System.

All of the **Oven Indicators** will display the following States of their Oven Burners.

> **Oven Burner Off**
> **Oven Burner Started**
> **Oven Burner Purging**
> **Oven Burner Lighting**
> **Oven Burner Preheating**
> **Oven Burner Temperature OK**
> **Oven Burner Flame Disabled**
> **Oven Burner Temp Out of Range**
> **Oven Temp Setpoint Change**
> **Oven Exhaust Cool Down**
> **Oven Burner Relay Alarm**

The **Conveyor Indicator** displays the following States of the Conveyor.

> **Conveyor Disabled**
> **Conveyor Enabled**
> **Conveyor is Running Forward**

The **Washer Burner Indicators** display the following States of the Washer Burners.

> **Washer Burner Off**
> **Washer Burner Staring**
> **Washer Burner Purging**
> **Washer Burner Lighting**
> **Washer Burner Preheating**
> **Washer Burner Temperature is OK**
> **Flame Enable Switch is Off**
> **Washer Burner Temp Out of Range**
> **Washer Exhaust Cool Down**
> **Washer Burner Relay Alarm**

To Stop the **Cure Oven** in Automatic Mode:
Depress the **System Stop Button** while the Cure Oven is in **Auto** mode, the Oven burner will turn off but all of the Oven Fans will continue running until the Oven Temperature is Below 200 Degrees. When the Oven has completed its Cool-Down all Fans and Motors will turn off.

To Stop the **Dry-Off Oven** in Automatic Mode:
Depress the **System Stop Button** while the Dry-Off Oven is in **Auto** mode, the Oven burner will turn off but all of the Oven Fans will continue running until the Oven Temperature is Below 200 Degrees. When the Oven has completed its Cool-Down all Fans and Motors will turn off.
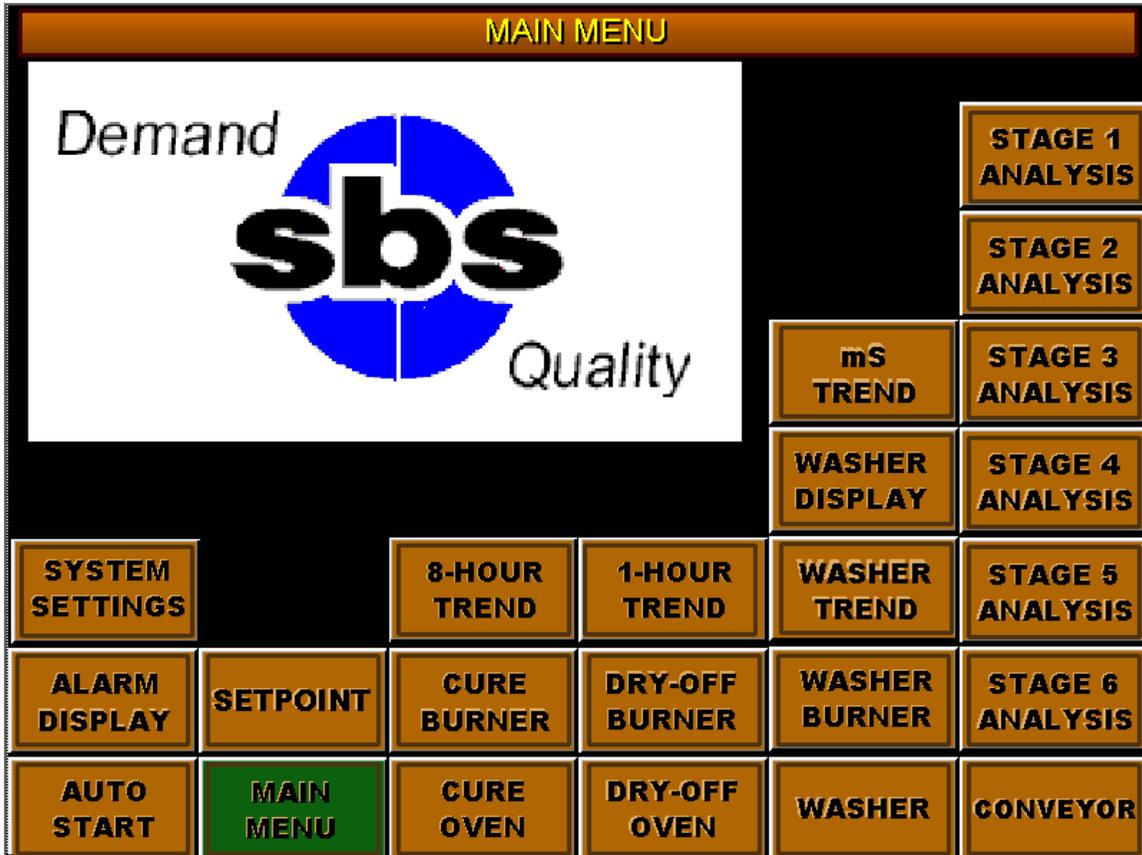
To Stop the Washer in Automatic Mode:
Depress the **System Stop Button** while the Washer is in **Auto** mode, the Washer Burners and pumps will turn off but the Exhaust Fans will continue running for Ten Minutes to evacuate excess steam from the Washer.

Main Menu- Navigating to different Screens

The function Keys are Located at the bottom of every screen.
They are used to navigate to all of the screens available.
      The Main Menu Function Key will display a new window with 23 Function Keys.

The **Auto Start** Selection will display the **Auto Start** Screen
The **Main Menu** Selection is the currently displayed Screen
The **Cure Oven** Selection will display the **Cure Oven Manual** Screen
The **Dry-Off Oven** Selection displays the **Dry-Off Oven Manual** Screen
The **Washer** Selection will display the **Washer Manual** Screen.
The **Conveyor** Selection will display the **Conveyor Manual** Screen.
The **Alarm Display** Selection will display the **Alarm Display** Screen.
The **Setpoint** Selection displays the **Setpoint Temperatures** and **Conveyor Speed.**
The **Cure Burner** Selection will display the **Cure Oven Flame Safety Display** Screen.
The **Dry-Off Burner** Selection displays the **Dry-Off Oven Flame Safety Display**.
The **Stage 1-6 Analysis** Selections on the right of the screen displays the **Washer Analysis Input** Screens for each Stage.
The **System Settings** Selection displays the **PLC** and **Computer Setting** Screen.
The **8-Hour Trend** Selection displays the **8-Hour Trend** Screen for the Ovens.
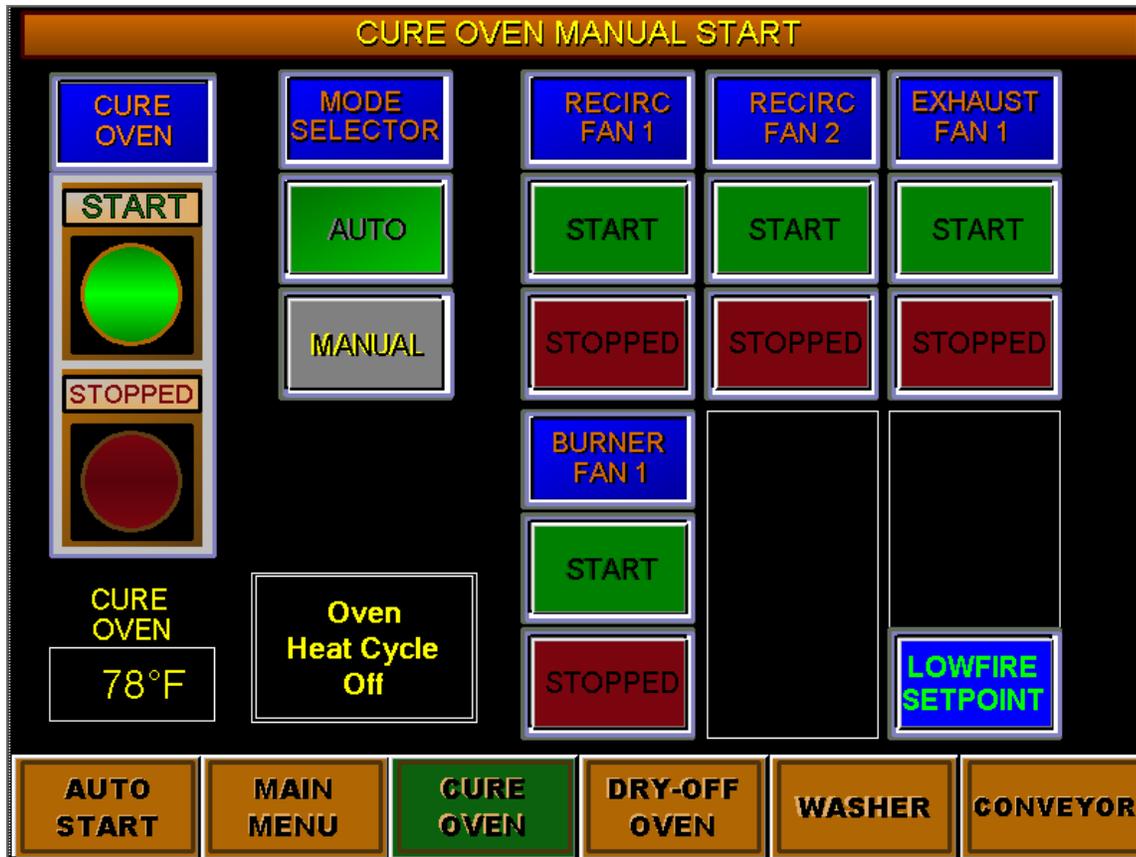The **1-Hour Trend** Selection displays the **1-Hour Trend** Screen for the Ovens.
The **Washer Trend** Selection displays the **8-Hour Trend** Screen for the Washer.
The **Washer Display** Selection displays the **Washer Display** Screen and Misting Risers.
The **mS Trend** Selection displays the **8 Hour Trend** Screen for Conductivity and pH.

Automatic Mode-Starting of the Powder Line Cure Oven

The Cure Oven may be started from the **Auto Start Screen** accessed by depressing the **Auto Start** Function button in the bottom left corner of any screen. It may also be started from the **Cure Oven Manual Screen** accessed by depressing the **Cure Oven** Function button on the bottom of any screen.

All components must be in **Auto Mode** to be started automatically.
If **Auto** is not displayed to the right of the **Start Button** then it must be toggled from **Manual** to **Auto.**

The **Cure Oven Start Button** is depressed to **Automatically** start all of the Oven components.

Running will be displayed above the **Cure Oven Start Button** and the burner will light following a **Nine-Minute Purge**.

Automatic Mode-Starting of the Powder Line Cure Oven

The **Cure Oven Indicator** displays the following States of the Oven Burner.

> **Oven Burner Off**
> **Oven Burner Started**
> **Oven Burner Purging**
> **Oven Burner Lighting**
> **Oven Burner Preheating**
> **Oven Burner Temperature OK**
> **Oven Burner Flame Disabled**
> **Oven Temp Setpoint Change**
> **Oven Burner Temp Out of Range**
> **Oven Exhaust Cool Down**
> **Oven Burner Relay Alarm**

To Stop the Oven in Automatic Mode:
Depress the **Cure Oven Stop Button**, the Oven burner will turn off but all of the Oven Fans will continue running until the Oven Temperature is Below 200 Degrees.

When the Oven has completed its Cool-Down all Fans and Motors will turn off.

The Current Oven Temperature is displayed below the Start/Stop Buttons.
The Oven Range of Temperature is 0 to 500 Degrees Fahrenheit.

After the Oven is started, all of the individual Fan Start Switches will display **Running**.
When the Oven is Stopped all of the individual Fan Stop Switches will display **Stopped**.

An Oven Lowfire Setpoint Button is provided to Set the Oven Temperature to its Lowfire state during lunch, break times or any time a low temperature Standby is required.

The **Oven Temperature Setpoint** must be changed back from the **Setpoints** screen Prior to returning to Production.

Automatic Mode-Starting of the Powder Line Dry-Off Oven

The Dry-Off Oven may be started from the **Auto Start Screen** accessed by depressing the **Auto Start** Function button in the bottom left corner of any screen. It may also be started from the **Dry-Off Oven Manual Screen** accessed by depressing the **Dry-Off Oven** Function button on the bottom of any screen.

All components must be in **Auto Mode** to be started automatically.
If **Auto** is not displayed to the right of the **Start Button** then it must be toggled from **Manual** to **Auto.**

The **Dry-Off Oven Start Button** is depressed to **Automatically** start all of the Oven components.

Running will be displayed above the **Dry-Off Oven Start Button** and the burner will light following a **Nine-Minute Purge**.

Automatic Mode-Starting of the Powder Line Dry-Off Oven

The **Dry-Off Oven Indicator** displays the following States of the Oven Burner.

Oven Burner Off
Oven Burner Started
Oven Burner Purging
Oven Burner Lighting
Oven Burner Preheating
Oven Burner Temperature OK
Oven Burner Flame Disabled
Oven Temp Setpoint Change
Oven Burner Temp Out of Range
Oven Exhaust Cool Down
Oven Burner Relay Alarm

To Stop the Oven in Automatic Mode:
Depress the **Dry-Off Oven Stop Button**, the Oven burner will turn off but all of the Oven Fans will continue running until the Oven Temperature is Below 200 Degrees.

When the Oven has completed its Cool-Down all Fans and Motors will turn off.

The Current Oven Temperature is displayed below the Start/Stop Buttons.
The Oven Range of Temperature is 0 to 500 Degrees Fahrenheit.

After the Oven is started, all of the individual Fan Start Switches will display **Running**.
When the Oven is Stopped all of the individual Fan Stop Switches will display **Stopped**.

An Oven Lowfire Setpoint Button is provided to Set the Oven Temperature to its Lowfire state during lunch, break times or any time a low temperature Standby is required.

The **Oven Temperature Setpoint** must be changed back from the **Setpoints** screen Prior to returning to Production.

Automatic Mode-Starting of the Powder Line Washer

The Washer may be started from the **Auto Start Screen** accessed by depressing the **Auto Start** Function button in the bottom left corner of any screen. It may also be started from the **Washer Manual** Screen accessed by depressing the **Washer** Function button on the bottom of any screen.

All components must be in **Auto Mode** to be started automatically.
If **Auto** is not displayed to the right of the **Start Button** then it must be toggled from **Manual** to **Auto.**

The **Washer Start Button** is depressed to **Automatically** start all of the Washer components.

Running will be displayed above the **Washer Start Button** and the burners will light but the pump motors will not step-start until the process temperatures are within range.

Automatic Mode-Starting of the Powder Line Washer

The **Washer Burner Indicators** on the **Washer Display Screen** show the following States of the Washer Burners.

> **Washer Burner Off**
> **Washer Burner Starting**
> **Washer Burner Purging**
> **Washer Burner Lighting**
> **Washer Burner Preheating**
> **Washer Burner Temperature is OK**
> **Flame Enable Switch is Off**
> **Washer Burner Temp Out of Range**
> **Washer Exhaust Cool Down**
> **Washer Burner Relay Alarm**

To Stop the Washer in Automatic Mode:

Depress the **Washer Stop Button**, the Washer Burners and pumps will turn off but the Exhaust Fans will continue running for Ten Minutes to evacuate excess steam from the Washer.

The Current Washer Temperatures are displayed on the **Auto Start Screen** or the **Washer Display Screen**.
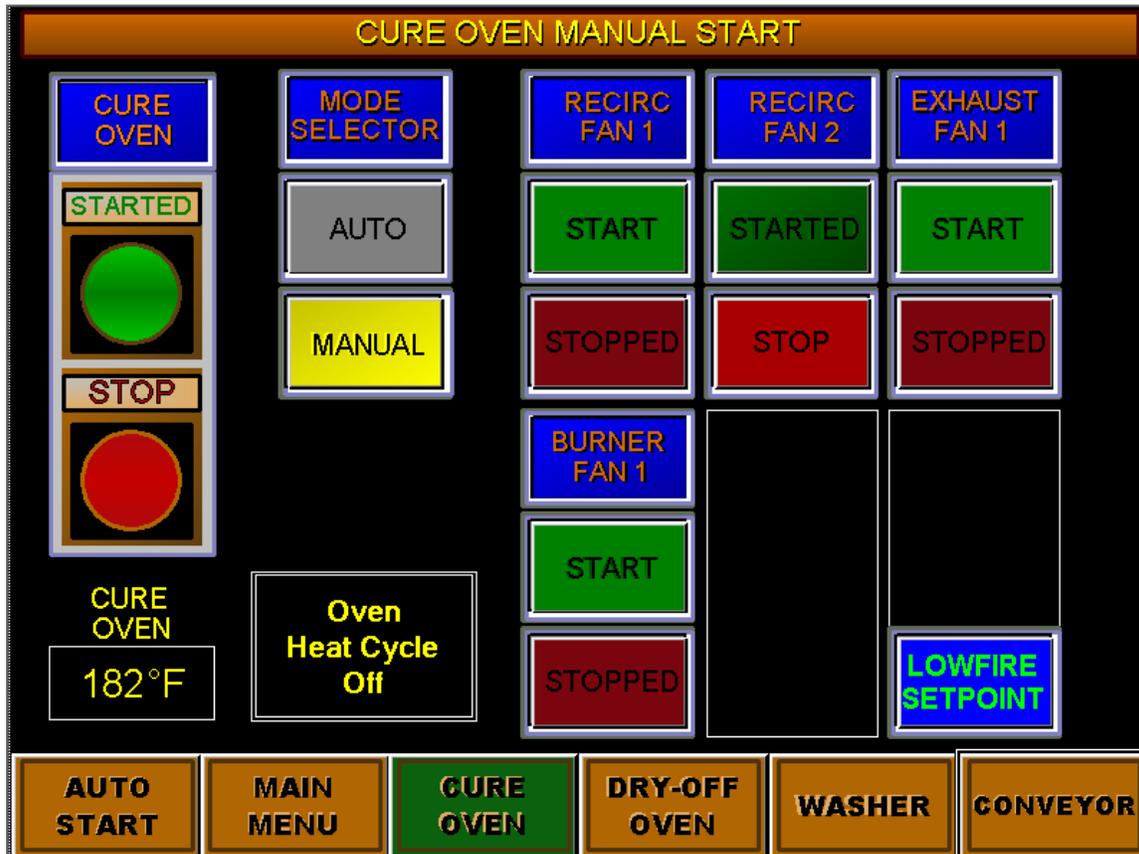The Washer Range of Temperature is 0 to 160 Degrees Fahrenheit.

After the Washer is started, all of the individual Pump and Fan Start Switches will display **Running**.
When the Washer is Stopped all of the individual Pump and Fan Stop Switches will display **Stopped**.

Manual Mode-Starting of the Powder Line Cure Oven

The Cure Oven may be started from the **Auto Start Screen** accessed by depressing the **Auto Start** Function button in the bottom left corner of any screen. It may also be started from the **Cure Oven Manual Screen** accessed by depressing the **Cure Oven** Function button on the bottom of any screen.

> All components must be in **Manual Mode** to be started Manually.
> If **Manual** is not displayed and flashing to the right of the Start/Stop buttons then it must be toggled from the **Auto** to **Manual.**
> The **Cure Oven Start Button** is then depressed to enable all of the Motors to be Manually toggled On or Off.

After the individual Fans have started all of the individual Fan Start Switches will display **Running**.
When the Oven is Stopped all of the individual Fan Stop Switches will display **Stopped**.

Manual Mode-Starting of the Powder Line Cure Oven

Recirculation Fan 1 can be started when the button is <u>green</u> and the word **Start** is displayed.
Recirculation Fan 1 can be stopped when the button is <u>red</u> and the word **Stop** is displayed.

Recirculation Fan 2 can be started when the button is <u>green</u> and the word **Start** is displayed.
Recirculation Fan 2 can be stopped when the button is <u>red</u> and the word **Stop** is displayed.

Exhaust Fan 1 can be started when the button is <u>green</u> and the word **Start** is displayed.
Exhaust Fan 1 can be stopped when the button is <u>red</u> and the word **Stop** is displayed.

Burner 1 CAB can be started when the button is <u>green</u> and the word **Start** is displayed.
Burner 1 CAB can be stopped when the button is <u>red</u> and the word **Stop** is displayed.

To Stop the Oven in Manual Mode:

Depress the **Cure Oven Stop Button**, *<u>all of the Oven Fans will continue running until the Oven Temperature is Below 200 Degrees.</u>*

When the Oven has Completed its Cool-Down all Fans and Motors will turn off.

The Current Oven Temperature is displayed below the Start/Stop Buttons.
The Oven Range of Temperature is 0 to 500 Degrees Fahrenheit.

After Oven is started, all of the individual Fan Start Switches will display **Running**.
When the Oven is Stopped all of the individual Fan Stop Switches will display **Stopped**.

The **Cure Oven Indicator** displays the following States of the Oven Burner.
> **Oven Burner Off**
> **Oven Burner Started**
> **Oven Burner Purging**
> **Oven Burner Lighting**
> **Oven Burner Preheating**
> **Oven Burner Temperature OK**
> **Oven Burner Flame Disabled**
> **Oven Temp Setpoint Change**
> **Oven Burner Temp Out of Range**
> **Oven Exhaust Cool Down**
> **Oven Burner Relay Alarm**

Manual Mode-Starting of the Powder Line Dry-Off Oven

The Dry-Off Oven may be started from the **Auto Start Screen** accessed by depressing the **Auto Start** Function button in the bottom left corner of any screen. It may also be started from the **Dry-Off Oven Manual Screen** accessed by depressing the **Dry-Off Oven** Function button on the bottom of any screen.

       All components must be in **Manual Mode** to be started Manually.
If **Manual** is not displayed and flashing to the right of the Start/Stop buttons then it must be toggled from the **Auto** to **Manual.**
       The **Dry-Off Oven Start Button** is then depressed to enable all of the Motors to be Manually toggled On or Off.

After the individual Fans have started all of the individual Fan Start Switches will display **Running**.
When the Oven is Stopped all of the individual Fan Stop Switches will display **Stopped**.

Manual Mode-Starting of the Powder Line Dry-Off Oven

Recirculation Fan 1 can be started when the button is <u>green</u> and the word **Start** is displayed.
Recirculation Fan 1 can be stopped when the button is <u>red</u> and the word **Stop** is displayed.

Airseal Fan 1 can be started when the button is <u>green</u> and the word **Start** is displayed.
Airseal Fan 1 can be stopped when the button is <u>red</u> and the word **Stop** is displayed.

Airseal Fan 2 can be started when the button is <u>green</u> and the word **Start** is displayed.
Airseal Fan 2 can be stopped when the button is <u>red</u> and the word **Stop** is displayed.

Exhaust Fan 1 can be started when the button is <u>green</u> and the word **Start** is displayed.
Exhaust Fan 1 can be stopped when the button is <u>red</u> and the word **Stop** is displayed.

Burner 1 CAB can be started when the button is <u>green</u> and the word **Start** is displayed.
Burner 1 CAB can be stopped when the button is <u>red</u> and the word **Stop** is displayed.

To Stop the Oven in Manual Mode:

Depress the **Dry-Off Oven Stop Button**, *all of the Oven Fans will continue running until the Oven Temperature is Below 200 Degrees.*

When the Oven has Completed its Cool-Down all Fans and Motors will turn off.

The Current Oven Temperature is displayed below the Start/Stop Buttons.
The Oven Range of Temperature is 0 to 500 Degrees Fahrenheit.

After Oven is started, all of the individual Fan Start Switches will display **Running**.
When the Oven is Stopped all of the individual Fan Stop Switches will display **Stopped**.

The **Dry-Off Oven Indicator** displays the following States of the Oven Burner.
> **Oven Burner Off**
> **Oven Burner Started**
> **Oven Burner Purging**
> **Oven Burner Lighting**
> **Oven Burner Preheating**
> **Oven Burner Temperature OK**
> **Oven Burner Flame Disabled**
> **Oven Temp Setpoint Change**
> **Oven Burner Temp Out of Range**
> **Oven Exhaust Cool Down**
> **Oven Burner Relay Alarm**

Manual Mode-Starting of the Powder Line Washer

The Washer may be started from the **Auto Start Screen** accessed by depressing the **Auto Start** Function button in the bottom left corner of any screen. It may also be started from the **Washer Manual** Screen accessed by depressing the **Washer** Function button on the bottom of any screen.

All components must be in **Manual Mode** to be started Manually. If **Manual** is not displayed in the box above the Start/Stop buttons then it must be toggled from the **Auto** to **Manual.**

The **Washer Start Button** is then depressed to enable all of the Motors to be Manually toggled On or Off.

After the individual Pumps and Fans have started all of the individual Start Switches will display **Running**.
When the Washer is Stopped all of the individual Stop Switches will display **Stopped**.

Manual Mode-Starting of the Powder Line Washer

Stage 1 Pump can be started when the button is <u>green</u> and the word **Start** is displayed.
Stage 1 Pump can be stopped when the button is <u>red</u> and the word **Stop** is displayed.

Stage 2 Pump can be started when the button is <u>green</u> and the word **Start** is displayed.
Stage 2 Pump can be stopped when the button is <u>red</u> and the word **Stop** is displayed.

Stage 3 Pump can be started when the button is <u>green</u> and the word **Start** is displayed.
Stage 3 Pump can be stopped when the button is <u>red</u> and the word **Stop** is displayed.

Stage 4 Pump can be started when the button is <u>green</u> and the word **Start** is displayed.
Stage 4 Pump can be stopped when the button is <u>red</u> and the word **Stop** is displayed.

Stage 5 Pump can be started when the button is <u>green</u> and the word **Start** is displayed.
Stage 5 Pump can be stopped when the button is <u>red</u> and the word **Stop** is displayed.

Entrance Exhaust Fan can be started when the button is <u>green</u> and the word **Start** is displayed.
Entrance Exhaust Fan can be stopped when the button is <u>red</u> and the word **Stop** is displayed.

Exit Exhaust Fan can be started when the button is <u>green</u> and the word **Start** is displayed.
Exit Exhaust Fan can be stopped when the button is <u>red</u> and the word **Stop** is displayed.

Burner 1 CAB can be started when the button is <u>green</u> and the word **Start** is displayed.
Burner 1 CAB can be stopped when the button is <u>red</u> and the word **Stop** is displayed.

Burner 3 CAB can be started when the button is <u>green</u> and the word **Start** is displayed.
Burner 3 CAB can be stopped when the button is <u>red</u> and the word **Stop** is displayed.

To Stop the Washer in Manual Mode:
Depress the **Washer Stop Button**, *all of the Washer Pumps and Burners will stop but the Exhaust Fans will continue running for Ten Minutes to evacuate excess Steam from the Washer.*

The **Washer Burner Indicators** display the following States of the Washer Burners.
Washer Burner Off
Washer Burner Staring
Washer Burner Purging
Washer Burner Lighting
Washer Burner Preheating
Washer Burner Temperature is OK
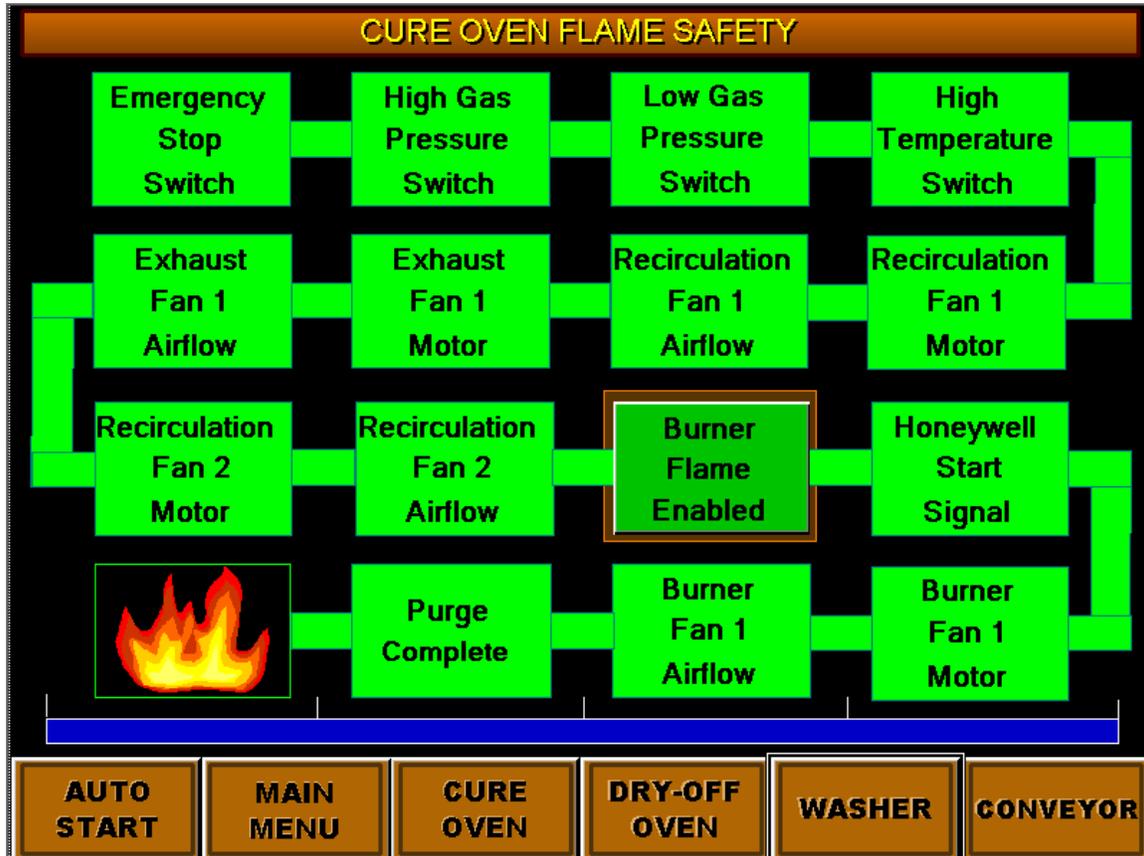**Flame Enable Switch is Off**
Washer Burner Temp Out of Range
Washer Exhaust Cool Down
Washer Burner Relay Alarm

Display Mode-Viewing the Cure Oven Burner Flame Safety

Pressing the **Cure Oven Burner** Selection from the **Main Menu** screen can monitor the status of the **Cure Oven Burner Flame Safety**.

Each of the Flame Safeties are field wired in series, hence each must turn green on the Display Screen sequentially starting from the **Emergency Stop**.

If both **Gas Pressures** are in range then the Display will be green up to the **High Temperature Switch**.

A Black **High Temperature Switch** indicates that it must be reset, it is located next to the Oven burner on top of the Oven.
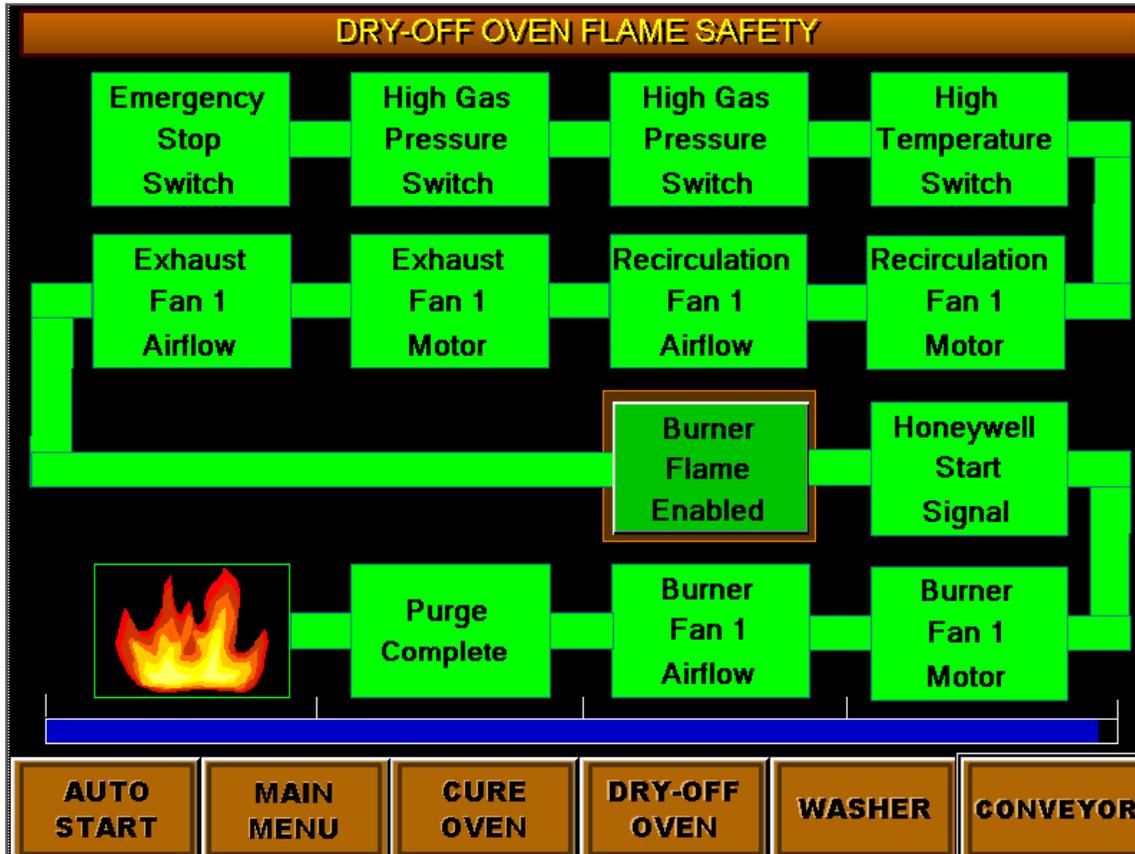
As each Oven Fan is turned on its Airflow Switch will turn green.

The **Purge Time** remaining will be displayed when all of the **Flame Safeties** are made.

The **Oven Burner Flame Off** will turn green and display a Flame which indicates the Current Flame Output when a **Main Flame** is detected.

Display Mode-Viewing the Cure Oven Burner Flame Safety

Pressing the **Cure Oven Burner** Selection from the **Main Menu** screen can monitor the status of the **Cure Oven Burner Flame Safety**.

Each of the Flame Safeties are field wired in series, hence each must turn <u>green</u> on the Display Screen sequentially starting from the **Emergency Stop**.

If both **Gas Pressures** are in range then the Display will be <u>green</u> up to the **High Temperature Switch**.

A Black **High Temperature Switch** indicates that it must be reset, it is located next to the Oven burner on top of the Oven.
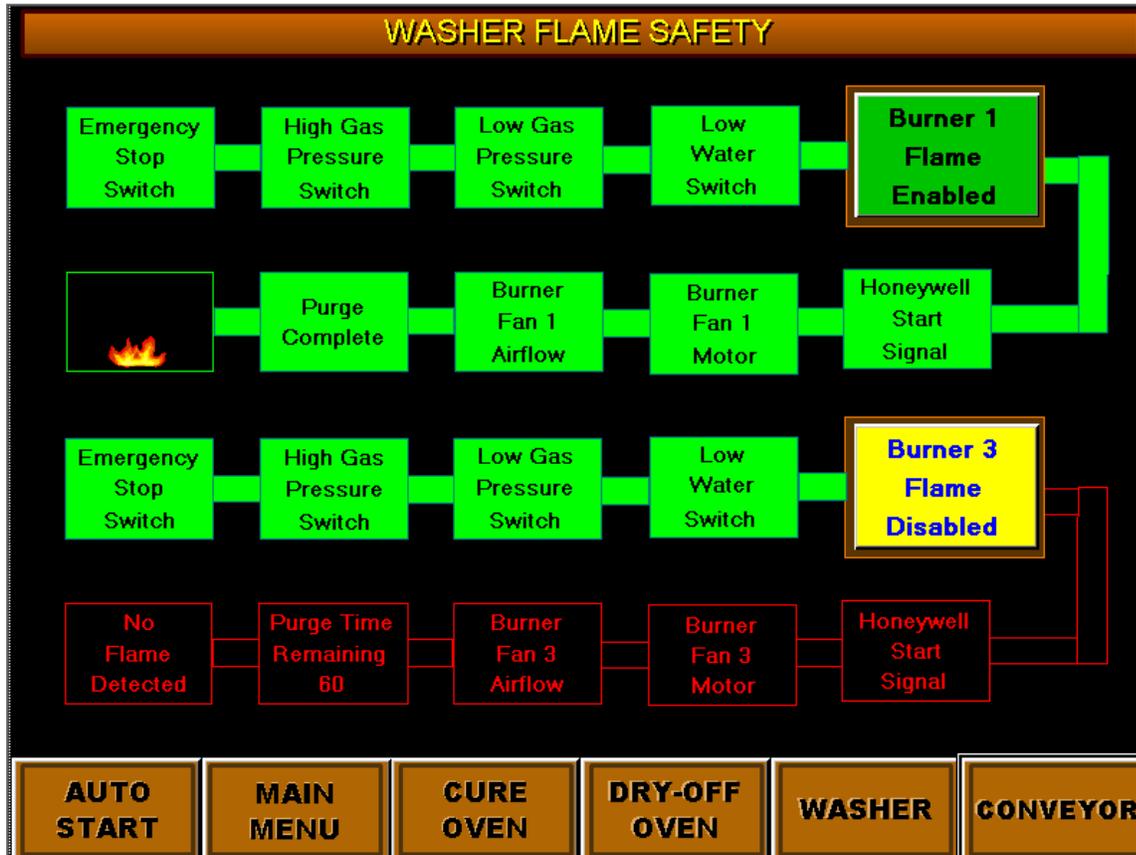As each Oven Fan is turned on its Airflow Switch will turn <u>green</u>.

The **Purge Time** remaining will be displayed when all of the **Flame Safeties** are made.

The **Oven Burner Flame Off** will turn <u>green</u> and display a Flame which indicates the Current Flame Output when a **Main Flame** is detected.

Display Mode-Viewing the Washer Stage 1 Burners Flame Safety

Pressing the **Stage 1 Flame Safety Display** Selection from the **Main Menu** screen can monitor the status of the Washer Burners Flame Safety.

Each of the Flame Safeties are field wired in series, hence each must turn gray on the Display Screen sequentially starting from the **Emergency Stop**.

If both **Gas Pressures** are in range then the Display will be gray up to the **Low Water Level Input**.
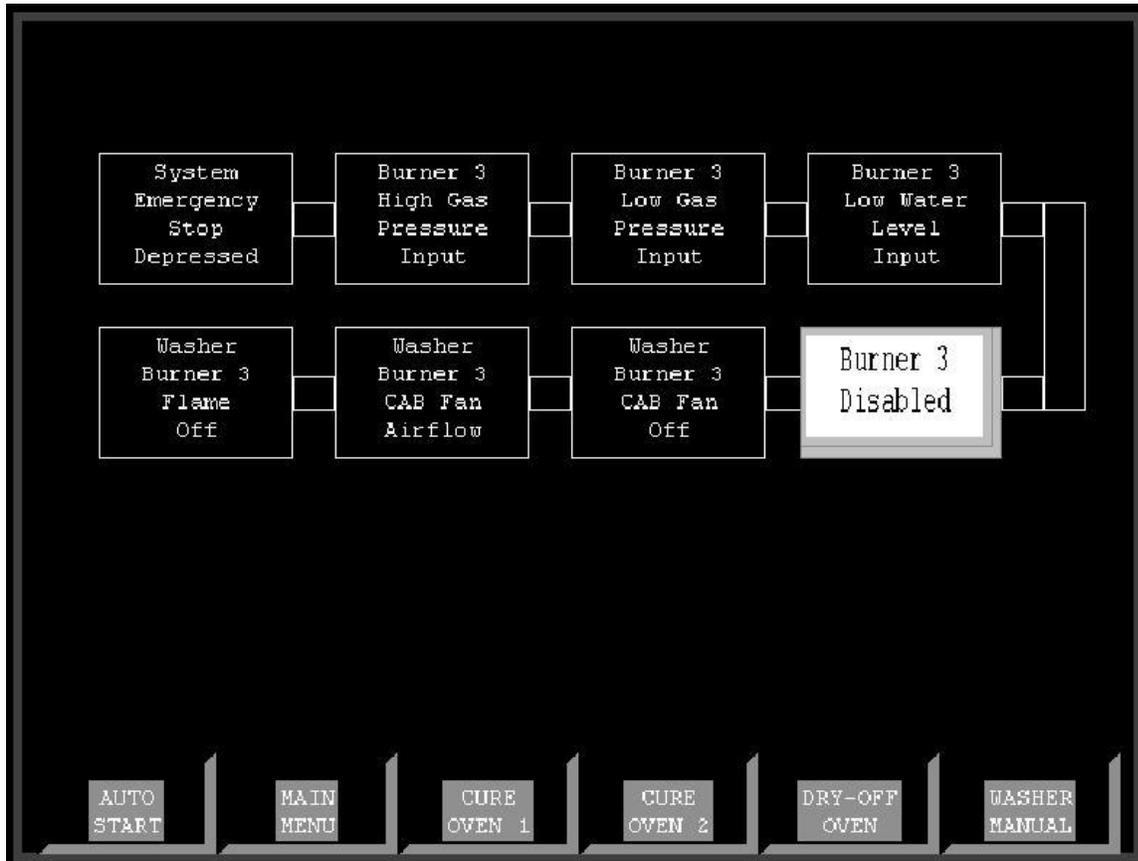
A Black **Low Water Level Input** display indicates that the conductance probe has detected a low water level in Stage 1.

When the Burner Fan is turned on its Airflow Switch will turn gray.

The **Washer Burner 1A or 1B Flame Off** will turn gray and Display **Washer Burner 1A or 1B Flame On** when a **Main Flame** is detected.

Display Mode-Viewing the Washer Stage 3 Burner Flame Safety

Pressing the **Washer Flame Safety Display** Selection from the **Main Menu** screen can monitor the status of the Stage 3 Burner Flame Safety.

Each of the Flame Safeties are field wired in series, hence each must turn gray on the Display Screen sequentially starting from the **Emergency Stop**.

If both **Gas Pressures** are in range then the Display will be gray up to the **Low Water Level Input**.

A Black **Low Water Level Input** display indicates that the conductance probe has detected a low water level in Stage 3.

When the Burner Fan is turned on its Airflow Switch will turn gray.

The **Washer Burner 3 Flame Off** will turn gray and Display **Washer Burner 3 Flame On** when a **Main Flame** is detected.

Oven Setpoint Inputs-Entering New Setpoint Variables

The status of the SystemTemperature Setpoints and Current operating Temperatures are viewed by depressing the **Setpoints** Button from the **Main Menu** screen.

A new Temperature Setpoint Can be entered by depressing any of the Oven or Washer Temperature Setpoint buttons under the Current Setpoint Temperature.
A new Setpoint can be entered when the Keypad window is displayed
The Cure Oven Setpoint parameters are between 0 and 600 Degrees Fahrenheit.
The Dry-Off Oven Setpoint parameters are between 0 and 350 Degrees Fahrenheit.
The Washer Setpoint parameters are between 0 and 160 Degrees Fahrenheit.

Alarms-Viewing Current and Acknowledged Alarms

When a new alarm occurs the Alarm Banner Screen is Automatically Displayed. Depressing the **Alarm Display** from the **Main Menu** screen will access the Alarm Screen.

IMPORTANT!

      If an Alarm is Acknowledged it is still Active but is ignored by the System and the Beacon and it will not be displayed again.

      If an Alarm is Reset then if it is still Active it will reactivate the Alarm Screen and Beacon and will be displayed again, if it is not still Active then it will not be displayed again.

ALARM DISPLAY

2 May 17 09:35

Date	Time	Ack	Message
May 17	09:35	N	There are Currently Active Alarms which have been Acknowledged
May 17	09:35	N	Cure Oven Low Gas Pressure Alarm

[Ack and Reset] [Ack All]

ACTIVE ACKNOWLEDGED ALARMS   [Reset All]

| AUTO START | MAIN MENU | CURE OVEN | DRY-OFF OVEN | WASHER | CONVEYOR |

Alarm Messages- Currently Programmed Alarms

Currently Programmed Alarm are:

Cure Oven 1 Recirc. 1 Airflow Alarm
Cure Oven 1 Recirc. 2 Airflow Alarm
Cure Oven 1 Exhaust 1 Airflow Alarm
Cure Oven 1 CAB 1 Airflow Alarm
Cure Oven 1 Recirc. 1 Overload Alarm
Cure Oven 1 Recirc. 2 Overload Alarm
Cure Oven 1 Exhaust 1 Overload Alarm
Cure Oven 1 Airseal 1 Overload Alarm
Cure Oven 1 Airseal 2 Overload Alarm
Cure Oven 1 CAB 1 Overload Alarm
Cure Oven 1 High Gas 1 Pressure Alarm
Cure Oven 1 Low Gas 1 Pressure Alarm
Cure Oven 1 Hi Temp 1 Limit Alarm
Cure Oven 1 Honeywell Control Relay Alarm
Cure Oven 1 Analog Input PV1 Below Range Alarm
Cure Oven 1 Analog Input PV1 Above Range Alarm
Cure Oven 1 Hi Temp1 Flame Off Alarm

Cure Oven 2 Recirc. 1 Airflow Alarm
Cure Oven 2 Recirc. 2 Airflow Alarm
Cure Oven 2 Exhaust 1 Airflow Alarm
Cure Oven 2 CAB 1 Airflow Alarm
Cure Oven 2 Recirc. 1 Overload Alarm
Cure Oven 2 Recirc. 2 Overload Alarm
Cure Oven 2 Exhaust 1 Overload Alarm
Cure Oven 2 Airseal 1 Overload Alarm
Cure Oven 2 Airseal 2 Overload Alarm
Cure Oven 2 CAB 1 Overload Alarm
Cure Oven 2 High Gas 1 Pressure Alarm
Cure Oven 2 Low Gas 1 Pressure Alarm
Cure Oven 2 Hi Temp 1 Limit Alarm
Cure Oven 2 Honeywell Control Relay Alarm
Cure Oven 2 Analog Input PV1 Below Range Alarm
Cure Oven 2 Analog Input PV1 Above Range Alarm
Cure Oven 2 Hi Temp1 Flame Off Alarm

Alarm Messages- Currently Programmed Alarms

Cure Dry-Off Oven Recirc. 1 Airflow Alarm
Cure Dry-Off Oven Recirc. 2 Airflow Alarm
Cure Dry-Off Oven Exhaust 1 Airflow Alarm
Cure Dry-Off Oven CAB 1 Airflow Alarm
Cure Dry-Off Oven Recirc. 1 Overload Alarm
Cure Dry-Off Oven Recirc. 2 Overload Alarm
Cure Dry-Off Oven Exhaust 1 Overload Alarm
Cure Dry-Off Oven Airseal 1 Overload Alarm
Cure Dry-Off Oven Airseal 2 Overload Alarm
Cure Dry-Off Oven CAB 1 Overload Alarm
Cure Dry-Off Oven High Gas 1 Pressure Alarm
Cure Dry-Off Oven Low Gas 1 Pressure Alarm
Cure Dry-Off Oven Hi Temp 1 Limit Alarm
Cure Dry-Off Oven Honeywell Control Relay Alarm
Cure Dry-Off Oven Analog Input PV1 Below Range Alarm
Cure Dry-Off Oven Analog Input PV1 Above Range Alarm
Cure Dry-Off Oven Hi Temp1 Flame Off Alarm

Washer Stage 1A Overload Alarm
Washer Stage 1B Overload Alarm
Washer Stage 2 Overload Alarm
Washer Stage 3 Overload Alarm
Washer Burner 1A Overload Alarm
Washer Burner 1B Overload Alarm
Washer Burner 3 Overload Alarm
Washer Entrance Exhaust Fan Overload Alarm
Washer Exit Exhaust Fan Overload Alarm
Washer Stage 1A High Gas Pressure Alarm
Washer Stage 1A Low Gas Pressure Alarm
Washer Stage 1A Low Water Alarm
Washer Stage 1A Honeywell Control Relay Alarm
Washer Stage 1A Analog Input PV1 Below Range Alarm
Washer Stage 1A Analog Input PV1 Above Range Alarm
Washer Stage 1B High Gas Pressure Alarm
Washer Stage 1B Low Gas Pressure Alarm
Washer Stage 1B Low Water Alarm
Washer Stage 1B Honeywell Control Relay Alarm
Washer Stage 1B Analog Input PV1 Below Range Alarm
Washer Stage 1B Analog Input PV1 Above Range Alarm
Washer Stage 3 High Gas Pressure Alarm
Washer Stage 3 Low Gas Pressure Alarm
Washer Stage 3 Low Water Alarm
Washer Stage 3 Honeywell Control Relay Alarm
Washer Stage 3 Analog Input PV1 Below Range Alarm
Washer Stage 3 Analog Input PV1 Above Range Alarm