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Subject: Instructions For Accessing The "ALARM / EVENT LOG" In The Model IVT And JD Oil Mist Generators

Fred Paben has raised a suggestion regarding the use of the ALARM / EVENT LOG in the models IVT and JD oil mist generators. The alarm and event logs are standard features of the LubriMist® model IVT and JD Oil Mist Generators. These features are accessed through the unit key pad and the outputs are displayed on the LCD screen.

Fred submitted a QPR suggesting that we to provide printed a label that could be applied to the inside of the main cabinet door. The labels purpose is to outline instructions for accessing and using the ALARM / EVENT LOG. A copy of the label is shown of page 2 of 2 of this TECH Bulletin. The label is made from self adhesive vinyl and is to be applied to the inside of the front door. Prior to application, the adhering surface should be clean and free of oil and grease. Labels are available at no charge for application to LubriMist® Model IVT and JD Oil Mist Consoles that are already in service. To obtain copies of the label "ACCESSING THE "ALARM / EVENT LOG" request part number 77780434.

Charlie Ehlert
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PQSC Chairman

Accessing the Event / Alarm Log

The solid state controller compiles a listing of occurring events and logs them chronologically in an event log. The log maintains in memory up to sixty-three events, adding the most recent and dropping the most aged event once 63 events have been recorded. The types of occurrences recorded in the event log are:

- Exceeding any high or low alarm set point for any monitored variable.
- Changing any control set point for any controlled variable.
- Changing any alarm set point (high or low) for any alarm variable.
- Resetting or clearing alarm conditions
- Application of power / Reset - interruption of power
- Resetting the clock or date
- Clearing the Event / Alarm Log
- Refilling the bulk oil reservoir

Follow these steps to access and query Event / Alarm Log information from the main oil mist generator keypad.

- 1) From the normal operating screen on the display press the ENTER key. The LCD will display a message that reads "EVENT / ALARM LOG" to confirm that the event log has been accessed. The number of events contained in the log will also be displayed.
- 2) After approximately 3 seconds the screen will automatically display the most recent event. Note that a number is indicated in the lower right corner of the display. This number identifies the order of occurrence. An event numbered as #16 occurred after the previous event numbered #15.
- 3) The INC and DEC keys can be used to quickly scroll through the events in order of their occurrence.
- 4) When any recordable event occurs, specific operating data is recorded in the EVENT / ALARM LOG.
 - (a) To access operating data at the time of the recorded event press the ENTER key. The LCD screen once again displays the event number and the time of day that the event occurred. Also displayed is the date the event occurred.
 - (b) Conditions for select system variables are also recorded as each event is recorded. By once again pressing the ENTER key the screen displays select system operating values valid at the time the queried event occurred. Note that the values are not labeled, however they are displayed in a specific order and location on the LCD. The diagrams below show the location for the value of each system variable for model IVT and JD Oil Mist Generators. Refer to the appropriate diagram for your model oil mist generator.

_	AA	_	BB	_	CC	_	DD	_
_	EE	_	FF	_	GG	_	HH	_

AA = Air Temperature
 BB = Ambient Temperature
 CC = Bulk Oil Reservoir Level
 DD = Supply Air Pressure
 EE = Regulated Air Pressure
 FF = Supply Oil Pressure
 GG = Mist Pressure
 HH = Mist Density

IVT OIL MIST GENERATOR

_	AA	_	BB	_	CC	_
_	DD	_	EE	_		

AA = Air Temperature
 BB = Mist Pressure
 CC = Regulated Air Pressure
 DD = Bulk Oil Reservoir Level
 EE = Mist Density

JD OIL MIST GENERATOR

- (c) Pressing the ENTER key returns the screen to the event identification screen (step 2). When any event number is being queried, using the ENTER key displays in circular order the event identification screen, → the time and date screen → system variable screen.
- 5) From any screen in the event log, using the INC and DEC keys scrolls chronologically through the event log. As event numbers are scrolled the same screen is displayed.
- 6) To exit the event log mode press the CLEAR key once.
- 7) To clear the event log, press SET SET CLEAR. Once the data log is cleared data is not retrievable.