



Facility: _____

Date: _____

Digital Hazard Monitoring Training Outline

1) System Component Overview

- a. WebServer
 - i. Converts The Signal From The Bus Converters
 - ii. One WebServer Will Handle Up To Eight Bus Converters
- b. Bus Converter
 - i. Processes Sensor Data
 - ii. One Bus Converter Will Handle Up To Thirty-Two Sensors
- c. Field Interconnect Box
 - i. Junction For "Plugging-In" Sensors
 - ii. One Field Interconnect Box Will Handle Up To Six Sensors
- d. Sensors
 - i. Lug
 - 1. Flapper Or Variance Granted Bearing Temperature Monitoring
 - ii. Rub
 - 1. Rub Block Temperature Monitoring
 - iii. Bearing
 - 1. Bearing Temperature Monitoring

2) Screen Review

- a. Rate-Of-Rise Warning
 - i. Not Applicable To Bearing Sensors
 - ii. Sensor Temperature Rises 3 Degrees Over A Period Of 10 Seconds
 - iii. Alarm Horn Is Sounding
 - iv. Sensor Temperature Display Is Flashing Yellow
- b. Rate-Of-Rise Alarm
 - i. Not Applicable To Bearing Sensors
 - ii. Sensor Temperature Rises 5 Degrees Over A Period Of 10 Seconds
 - iii. Alarm Horn Is Sounding
 - iv. Sensor Temperature Display Is Flashing Red
- c. Feed Shutdown Alarm
 - i. Sensor Temperature Is Above 155 Degrees Fahrenheit
 - ii. Alarm Horn Is Sounding
 - iii. Sensor Temperature Display Is Flashing Yellow
- d. Equipment Shutdown Alarm
 - i. Sensor Temperature Is Above 175 Degrees Fahrenheit
 - ii. Alarm Horn Is Sounding
 - iii. Sensor Temperature Display Is Flashing Red



- e. Faulted Sensor, Feed Shutdown Alarm
 - i. Sensor Is Faulted
 - ii. Alarm Horn Is Sounding
 - iii. Sensor Temperature Display Reads "Fault" And Is Flashing Red
 - f. Faulted Sensor, Equipment Shutdown Alarm
 - i. Sensor Has Been Faulted For Five Minutes
 - ii. Alarm Horn Is Sounding
 - iii. Sensor Temperature Display Reads "Fault" And Is Flashing Red
 - g. Sensor Bypass
 - i. Allows User To Bypass Alarms For a Specific Sensor
 - ii. Requires Use Of A Password To Bypass Sensor
 - iii. Sensor Removes Itself From Bypass After Twenty-Four Hours
 - h. Alarm Window
 - i. Displays All Non-Acknowledged Alarms
 - i. Alarm Acknowledge Button
 - i. Click To Acknowledge Audible/Visual Alarm
 - ii. Audible Alarm Will Silence
 - iii. Visual Alarm Will Remain In Alarm Window Until The Condition Is Corrected And Alarm Is Acknowledged
 - j. Test Horn Button
 - i. Click To Test The Audible Alarm Horn
 - ii. Click Again To Stop The Test
 - k. Hazmon Directory Button
 - i. Click To Display The Available Hazmon Screens
 - l. Alarm History Button
 - i. Click To Display The Alarm History (90 Days Retained)
 - 1. Filter
 - a. Allows You To Filter Alarms According To Set Filters
 - 2. Print
 - a. Allows You To Print The Currently Filtered Alarms
 - m. Alarm Recording Procedure
 - i. Click The Alarm History Button
 - ii. Filter Alarms To Display Desired Alarm(s)
 - iii. Click Print Icon
 - iv. Follow Your Site Specific Hazard Monitoring Alarm Specifications
- 3) Java Applet Review
- a. Starting The Applet



- i. Follow Standard Windows Program Opening Procedures To Open Internet Explorer
 - ii. Enter Correct WebServer IP Address
 - iii. Click The Log In Button
 - iv. Enter Username (admin)
 - v. Leave Password Blank
 - vi. Click The OK Button
 - vii. Click The OK Button On The Security Warning Window
- b. Checking System Status
- i. Click The Status Tab
 1. This Tab Will Show All Available Bus Converters And Communication Sensors
 - a. Green = OK
 - b. Yellow = Warning
 - c. Red = High
 - d. Black = Fault
- c. Sensor Replacement
- i. Replace The Faulty Sensor
 - ii. Record The Sensor Address (i.e. 40-0-0-0-125-125-125-125)
 - iii. Click The System Setup Tab On The Applet
 1. Click The Acquire Sensor Button
 2. When The Acquisition Is Complete Notification Will Appear In The Applet History Window (Box On System Setup Tab)
 - iv. Click The Display Setup Tab
 - v. Select Your Sensor Group And Position
 1. Refer To Your Facility Sensor Address Documentation For Group And Position Information
 2. Select The New Sensor Address From The Serial Number List
 3. Click The Save Button
- d. Exiting
- i. Click The Exit Icon In The Top Right Corner Of The Screen