

Motor Event Messages

| REFINERS | PLC SYSTEM | EVENTS | Nikos | 2 / 19 / 2002 3:04:13 |
|---|------------|--------|-------|---|
| MOST RECENT EVENTS IN LAST 24 HOURS | | | | MSG COLOR |
| <p>W3_WE_Additives [Event 6-29] 02/19/2002 03:02:45.425p MOTOR STOPPED 713-041-018 Pri Refiner Motor East</p> <p>W3_WE_Additives [Event 5-29] 02/19/2002 03:02:38.121p MOTOR STARTED 713-041-018 Pri Refiner Motor East</p> <p>W3_WE_Additives [Event 2-29] 02/19/2002 03:01:49.630p MOTOR FAULT 713-041-018 Pri Refiner Motor East NOT RUNNING MCC MD-1 1B (DE MCC Rm) Check: OL's / Aux Contact / PLC Fuse PLC Chassis C9 (DE MCC Rm) AUX C9:1:I.Data.1 MAG C9:5:0.Data.0</p> <p>W3_WE_Additives [Event 3-29] 02/19/2002 03:01:40.410p MOTOR FAULT 713-041-018 Pri Refiner Motor East NOT STOPPED MCC MD-1 1B (DE MCC Rm) Check: Aux Contact / Starter PLC Chassis C9 (DE MCC Rm) AUX C9:1:I.Data.1 MAG C9:5:0.Data.0</p> <p>W3_WE_Additives [Event 4-29] 02/19/2002 03:01:28.406p NO CNTL POWER 713-041-018 Pri Refiner Motor East MCC MD-1 1B (DE MCC Rm) Check: Disc / CP Fuse PLC Chassis C9 (DE MCC Rm) CP C9:1:I.Data.0</p> | | | | <input type="radio"/> LAST 30 MIN <input type="radio"/> LAST HOUR <input checked="" type="radio"/> LAST 24 HR |
| | | | | EVENT HISTORY |
| | | | | LONG MESSAGE |
| | | | | EVENT GROUP DISPLAY FILTER |
| | | | | <input type="checkbox"/> SHOW PLC STATUS |
| | | | | <input type="checkbox"/> SHOW MOTOR NOT RUNNING |
| | | | | <input type="checkbox"/> SHOW MOTOR NOT STOPPED |
| | | | | <input type="checkbox"/> SHOW MOTOR CNTL POWER LOSS |
| | | | | <input type="checkbox"/> SHOW MOTOR START TIME STAMP |
| | | | | <input type="checkbox"/> SHOW MOTOR STOP TIME STAMP |
| | | | | <input type="checkbox"/> SHOW PERM / ITLK STATUS |
| | | | | <input type="checkbox"/> SHOW VALVE POS STATUS |
| | | | | <input type="checkbox"/> SHOW OPERATOR COMMANDS |
| | | | | <input type="checkbox"/> SHOW MISC ALARMS |

Motor fault event messages and loss of control power event messages can be in separate groups or in same group if desired. Motor start and stop time stamp event messages can be filtered out (not displayed) until needed.

Drive Fault Event Messages

| REFINERS | PLC SYSTEM | EVENTS | Nikos | 2 / 19 / 2002 3:21:43 |
|--|------------|--------|-------|---|
| MOST RECENT EVENTS IN LAST 24 HOURS | | | | MSG COLOR <input type="radio"/> LAST 30 MIN <input type="radio"/> LAST HOUR <input type="radio"/> LAST 24 HR |
| <p> W3_WE_Additives [Event 10-214] 02/19/2002 03:21:32.650p GV3000 FAULT 713-041-052 Saveall Disc Drive MCC LK-2 4A (WE MCC Rm) PU Overload Possible Action: Check Torque Boost H.003 Check DC Braking Current H.007 </p> <p> W3_WE_Additives [Event 10-212] 02/19/2002 03:21:18.510p GV3000 FAULT 713-041-052 Saveall Disc Drive MCC LK-2 4A (WE MCC Rm) High Line Voltage Possible Action: Check Actual Line Voltage Against U.018 Or H.021 </p> <p> W3_WE_Additives [Event 10-207] 02/19/2002 03:20:37.404p GV3000 FAULT 713-041-052 Saveall Disc Drive MCC LK-2 4A (WE MCC Rm) Overfrequency Possible Action: Check Max Speed P.004 - Check Overfrequency H.022 Check Slip Compensation H.004 </p> <p> W3_WE_Additives [Event 10-201] 02/19/2002 03:20:20.264p GV3000 FAULT 713-041-052 Saveall Disc Drive MCC LK-2 4A (WE MCC Rm) Check Sum Failed Possible Action: Replace Regulator Board </p> <p> W3_WE_Additives [Event 10-196] 02/19/2002 03:19:57.676p GV3000 FAULT 713-041-052 Saveall Disc Drive MCC LK-2 4A (WE MCC Rm) High DC Bus Voltage Possible Action: Check Input Line Voltage Increase Deceleration Time P.002 / P.018 / P.023 </p> <p> W3_WE_Additives [Event 10-193] 02/19/2002 03:19:51.965p GV3000 FAULT 713-041-052 Saveall Disc Drive MCC LK-2 4A (WE MCC Rm) Overcurrent Accelerating Possible Action: Increase Deceleration Time - P.001 / P.017 / P.021 </p> | | | | EVENT HISTORY LONG MESSAGE EVENT GROUP DISPLAY FILTER <input type="checkbox"/> SHOW PLC STATUS <input type="checkbox"/> SHOW MOTOR NOT RUNNING <input type="checkbox"/> SHOW MOTOR NOT STOPPED <input type="checkbox"/> SHOW MOTOR CNTL POWER LOSS <input type="checkbox"/> HIDE MOTOR START TIME STAMP <input type="checkbox"/> HIDE MOTOR STOP TIME STAMP <input type="checkbox"/> SHOW PERM /ITLK STATUS <input type="checkbox"/> SHOW VALVE POS STATUS <input type="checkbox"/> HIDE OPERATOR COMMANDS <input type="checkbox"/> SHOW MISC ALARMS |

Display drive fault event messages with instructions from drive manual to assist technician.

Valve Fault Event Messages

| REFINERS | PLC SYSTEM | EVENTS | Nikos | 2/19/2002 3:32:57 |
|--|------------------------------------|---|--------------------|---|
| MOST RECENT EVENTS IN LAST 24 HOURS | | | | MSG COLOR <input type="radio"/> LAST 30 MIN <input type="radio"/> LAST HOUR <input type="radio"/> LAST 24 HR |
| W3_WE_Additives | [Event 8-49] | 02/19/2002 | 03:32:38.247p | EVENT HISTORY LONG MESSAGE EVENT GROUP DISPLAY FILTER <input type="checkbox"/> SHOW PLC STATUS <input type="checkbox"/> SHOW MOTOR NOT RUNNING <input type="checkbox"/> SHOW MOTOR NOT STOPPED <input type="checkbox"/> SHOW MOTOR CNTL POWER LOSS <input type="checkbox"/> HIDE MOTOR START TIME STAMP <input type="checkbox"/> HIDE MOTOR STOP TIME STAMP <input type="checkbox"/> SHOW PERM /ITLK STATUS <input type="checkbox"/> SHOW VALVE POS STATUS <input type="checkbox"/> HIDE OPERATOR COMMANDS <input type="checkbox"/> SHOW MISC ALARMS |
| VALVE FAULT | 713-EV-0715A | Thick Stock Tert Screen Rejects Upper Dump (E/C) | | |
| Not Closing | Valve Ener | Check: Output Fuse / Input Fuse / Air / ZSC Limit | | |
| PLC Chassis C11 | (WE Sub Rm) | EV C11:10:0.Data.7 | ZSC C11:1:I.Data.9 | |
| W3_WE_Additives | [Event 8-50] | 02/19/2002 | 03:32:32.317p | |
| VALVE FAULT | 713-EV-0715A | Thick Stock Tert Screen Rejects Upper Dump (E/C) | | |
| Not Opening | Valve De-Ener | Check: Air / ZSC Limit | | |
| PLC Chassis C11 | (WE Sub Rm) | EV C11:10:0.Data.7 | ZSC C11:1:I.Data.9 | |
| W3_WE_Additives | [Event 8-58] | 02/19/2002 | 03:31:59.242p | |
| VALVE FAULT | 723-EV-1103A | SP Starch Mkdown Water Fill (E/O) | | |
| Not Closing | Vlv De-Ener | Check: Input Fuse / Air / ZSC Limit | | |
| PLC Chassis C5 | (Starch Mkdown) | EV C5:14:0.Data.0 | ZSC C5:3:I.Data.3 | |
| W3_WE_Additives | [Event 8-59] | 02/19/2002 | 03:31:22.311p | |
| VALVE FAULT | 723-EV-1103A | SP Starch Mkdown Water Fill (E/O) | | |
| Not Opening | Vlv Ener | Check: Output Fuse / Input Fuse / Air / ZSO Limit | | |
| PLC Chassis C5 | (Starch Mkdown) | EV C5:14:0.Data.0 | ZSO C5:3:I.Data.2 | |
| W3_WE_Additives | [Event 8-60] | 02/19/2002 | 03:31:12.988p | |
| VALVE FAULT | 723-EV-1103A | SP Starch Mkdown Water Fill (E/O) | | |
| Pos Unknown | Both Limits Made - Adjust Switches | | | |
| PLC Chassis C5 | (Starch Mkdown) | ZSC C5:3:I.Data.3 | ZSO C5:3:I.Data.2 | |

Material handling systems that utilize kickers, stops, etc would also be included in this group.

Event Messages Displaying Reason Equipment Stopped

| REFINERS | PLC SYSTEM | EVENTS | Nikos | 2/19/2002 3:48:13 | | | | | | | | | | | | | | | | | | | | |
|---|--|--|---------------|-----------------------------------|--------------------------------|-----------------------------|--------------------------------------|---------------|--|--|--|--|---------------|--|----------------------------------|------------------------------|--------------------------------------|---------------|--|--|--|--|---------------|--|
| MOST RECENT EVENTS IN LAST 24 HOURS | | | | MSG COLOR | | | | | | | | | | | | | | | | | | | | |
| <p> <input checked="" type="checkbox"/> LAST 30 MIN <input checked="" type="checkbox"/> LAST HOUR <input checked="" type="checkbox"/> LAST 24 HR </p> | | | | EVENT HISTORY | | | | | | | | | | | | | | | | | | | | |
| <p> <input type="button" value="LONG MESSAGE"/> </p> | | | | EVENT GROUP DISPLAY FILTER | | | | | | | | | | | | | | | | | | | | |
| <p> <input checked="" type="button" value="SHOW"/> PLC STATUS <input checked="" type="button" value="SHOW"/> MOTOR NOT RUNNING <input checked="" type="button" value="SHOW"/> MOTOR NOT STOPPED <input checked="" type="button" value="SHOW"/> MOTOR CNTL POWER LOSS <input type="button" value="HIDE"/> MOTOR START TIME STAMP <input type="button" value="HIDE"/> MOTOR STOP TIME STAMP <input checked="" type="button" value="SHOW"/> PERM / ITLK STATUS <input checked="" type="button" value="SHOW"/> VALVE POS STATUS <input checked="" type="button" value="SHOW"/> OPERATOR COMMANDS <input checked="" type="button" value="SHOW"/> MISC ALARMS </p> | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr> <td>W3_WE_Additives HW_DCS STOP</td> <td>[Event 9-29] 713-041-018</td> <td>02/19/2002 Pri Refiner Motor East</td> <td>03:47:33.173p</td> <td></td> </tr> <tr> <td>W3_WE_Additives INTERLOCK LOSS 713-PSHH-0354</td> <td>[Event 7-7] 713-041-018 Refiner Outlet</td> <td>02/19/2002 Pri Refiner Motor East STOPPED Press Above 90 PSI For 5 Seconds</td> <td>03:47:26.276p</td> <td></td> </tr> <tr> <td>W3_WE_Additives LOCAL STOP PB</td> <td>[Event 9-203] 713-041-018</td> <td>02/19/2002 Pri Refiner Motor East</td> <td>03:47:17.434p</td> <td></td> </tr> <tr> <td>W3_WE_Additives INTERLOCK LOSS 713-JSHH-0351</td> <td>[Event 7-8] 713-041-018 Motor KW Above 110% For 20 Seconds</td> <td>02/19/2002 Pri Refiner Motor East STOPPED</td> <td>03:47:10.088p</td> <td></td> </tr> </table> | | | | | W3_WE_Additives HW_DCS STOP | [Event 9-29] 713-041-018 | 02/19/2002 Pri Refiner Motor East | 03:47:33.173p | | W3_WE_Additives INTERLOCK LOSS 713-PSHH-0354 | [Event 7-7] 713-041-018 Refiner Outlet | 02/19/2002 Pri Refiner Motor East STOPPED Press Above 90 PSI For 5 Seconds | 03:47:26.276p | | W3_WE_Additives LOCAL STOP PB | [Event 9-203] 713-041-018 | 02/19/2002 Pri Refiner Motor East | 03:47:17.434p | | W3_WE_Additives INTERLOCK LOSS 713-JSHH-0351 | [Event 7-8] 713-041-018 Motor KW Above 110% For 20 Seconds | 02/19/2002 Pri Refiner Motor East STOPPED | 03:47:10.088p | |
| W3_WE_Additives HW_DCS STOP | [Event 9-29] 713-041-018 | 02/19/2002 Pri Refiner Motor East | 03:47:33.173p | | | | | | | | | | | | | | | | | | | | | |
| W3_WE_Additives INTERLOCK LOSS 713-PSHH-0354 | [Event 7-7] 713-041-018 Refiner Outlet | 02/19/2002 Pri Refiner Motor East STOPPED Press Above 90 PSI For 5 Seconds | 03:47:26.276p | | | | | | | | | | | | | | | | | | | | | |
| W3_WE_Additives LOCAL STOP PB | [Event 9-203] 713-041-018 | 02/19/2002 Pri Refiner Motor East | 03:47:17.434p | | | | | | | | | | | | | | | | | | | | | |
| W3_WE_Additives INTERLOCK LOSS 713-JSHH-0351 | [Event 7-8] 713-041-018 Motor KW Above 110% For 20 Seconds | 02/19/2002 Pri Refiner Motor East STOPPED | 03:47:10.088p | | | | | | | | | | | | | | | | | | | | | |

Operator commands can be filtered out until needed to determine reason why a particular motor stopped.

Process Interruption First-Out Event Messages

| REFINERS | PLC SYSTEM | EVENTS | Nikos | 2 / 19 / 2002 3:57:24 |
|--|------------|--------|-------|---|
| MOST RECENT EVENTS IN LAST 24 HOURS | | | | MSG COLOR |
| <p>W3_WE_Additives [Event 10-121] 02/19/2002 03:56:50.002p SP_STARCH Cooker System Dropped Out Of Auto Mode First-Out HW DCS Itlk 723-LB-1125 SP Starch Slurry Tank Level < 15%</p> <p>W3_WE_Additives [Event 10-119] 02/19/2002 03:56:14.371p SP_STARCH Cooker System Dropped Out Of Auto Mode First-Out Process Itlk 723-PSL-1115 SP Starch Cooker Low Steam Pressure PLC Chassis C5 (Starch Mkdown) PSL C5:5:I.Data.0</p> <p>W3_WE_Additives [Event 10-117] 02/19/2002 03:56:01.822p SP_STARCH Cooker System Dropped Out Of Auto Mode First-Out Process Itlk 723-AI-5048 Power House Is Down PLC Chassis C8 (WE Cntl Rm) AI C8:5:I.Data.8</p> <p>W3_WE_Additives [Event 10-105] 02/19/2002 03:55:21.135p SP_STARCH Makedown System Dropped Out Of Auto Mode First-Out Motor Itlk 723-041-048 SP starch slurry Mkdown Tank Agit STOPPED</p> <p>W3_WE_Additives [Event 10-102] 02/19/2002 03:54:38.502p SP_STARCH Makedown System Dropped Out Of Auto Mode First-Out Process Itlk 723-PSL-1101B SP Starch Mkdown Low Water Pressure PLC Chassis C5 (Starch Mkdown) PSL C5:3:I.Data.8</p> <p>W3_WE_Additives [Event 10-103] 02/19/2002 03:54:22.552p SP_STARCH Makedown System Dropped Out Of Auto Mode First-Out Process Itlk 723-PSL-1101A SP Starch Mkdown Low Air Pressure PLC Chassis C5 (Starch Mkdown) PSL C5:3:I.Data.9</p> | | | | <input type="radio"/> LAST 30 MIN <input type="radio"/> LAST HOUR <input checked="" type="radio"/> LAST 24 HR |
| | | | | EVENT HISTORY |
| | | | | LONG MESSAGE |
| | | | | EVENT GROUP DISPLAY FILTER |
| | | | | <input type="checkbox"/> SHOW PLC STATUS |
| | | | | <input type="checkbox"/> SHOW MOTOR NOT RUNNING |
| | | | | <input type="checkbox"/> SHOW MOTOR NOT STOPPED |
| | | | | <input type="checkbox"/> SHOW MOTOR CNTL POWER LOSS |
| | | | | <input type="checkbox"/> HIDE MOTOR START TIME STAMP |
| | | | | <input type="checkbox"/> HIDE MOTOR STOP TIME STAMP |
| | | | | <input type="checkbox"/> SHOW PERM /ITLK STATUS |
| | | | | <input type="checkbox"/> SHOW VALVE POS STATUS |
| | | | | <input type="checkbox"/> HIDE OPERATOR COMMANDS |
| | | | | <input type="checkbox"/> SHOW MISC ALARMS |

Capture first-out events for a process interruption as well as motors/drives loss of interlock or run permissive.

PLC Processor Hardware/Software Event Messages

| REFINERS | PLC SYSTEM | EVENTS | Nikos | 2 / 19 / 2002 4:06:51 |
|--|------------|--------|-------|--|
| MOST RECENT EVENTS IN LAST 24 HOURS | | | | MSG COLOR <input type="radio"/> LAST 30 MIN <input type="radio"/> LAST HOUR <input checked="" type="radio"/> LAST 24 HR |
| W3_WE_Additives [Event 1-2] 02/19/2002 04:06:38.262p PROCESSOR MODE WE Additives Processor In Run Mode | | | | EVENT HISTORY LONG MESSAGE EVENT GROUP DISPLAY FILTER <input checked="" type="checkbox"/> SHOW PLC STATUS <input checked="" type="checkbox"/> SHOW MOTOR NOT RUNNING <input checked="" type="checkbox"/> SHOW MOTOR NOT STOPPED <input checked="" type="checkbox"/> SHOW MOTOR CNTL POWER LOSS <input type="checkbox"/> HIDE MOTOR START TIME STAMP <input type="checkbox"/> HIDE MOTOR STOP TIME STAMP <input checked="" type="checkbox"/> SHOW PERM /ITLK STATUS <input checked="" type="checkbox"/> SHOW VALVE POS STATUS <input type="checkbox"/> HIDE OPERATOR COMMANDS <input checked="" type="checkbox"/> SHOW MISC ALARMS |
| W3_WE_Additives [Event 1-5] 02/19/2002 04:06:02.622p PROCESSOR FAULT WE Additives Processor UnRecoverable Minor Fault | | | | |
| W3_WE_Additives [Event 1-7] 02/19/2002 04:05:58.299p PROCESSOR FAULT WE Additives Processor UnRecoverable Major Fault | | | | |
| W3_WE_Additives [Event 1-8] 02/19/2002 04:05:51.200p PROCESSOR FAULT WE Additives Processor Serial Port Minor Fault | | | | |
| W3_WE_Additives [Event 1-9] 02/19/2002 04:05:40.467p PROCESSOR FAULT WE Additives Processor Low Battery Minor Fault | | | | |
| W3_WE_Additives [Event 1-75] 02/19/2002 04:05:08.967p HARDWARE FAULT PLC Chassis 3 (WE MCC Rm) Slot 12 OW16I Module Fault | | | | |
| W3_WE_Additives [Event 1-64] 02/19/2002 04:05:04.391p HARDWARE FAULT PLC Chassis 3 (WE MCC Rm) Slot 1 IA16I Module Fault | | | | |
| W3_WE_Additives [Event 1-322] 02/19/2002 04:03:52.902p HARDWARE FAULT PLC Chassis 3 (WE MCC Rm) Slot 0 CNB Module Fault | | | | |
| W3_WE_Additives [Event 1-321] 02/19/2002 04:03:47.880p HARDWARE FAULT PLC Chassis 2 (WE MCC Rm) Slot 0 CNB Module Fault | | | | |

Misc Event Messages

| | | | | |
|--|------------|--------|--|--|
| REFINERS | PLC SYSTEM | EVENTS | | 2 / 19 / 2002 4:38:33 |
| MOST RECENT EVENTS IN LAST 24 HOURS | | | | MSG COLOR |
| <p>W3_WE_Additives [Event 10-183] 02/19/2002 04:37:59.938p GROUND CLEAR 630-054-112 Wet End Sub LL</p> <p>W3_WE_Additives [Event 10-182] 02/19/2002 04:34:36.372p GROUND DETECTED 630-054-112 Wet End Sub LL</p> <p>W3_WE_Additives [Event 10-22] 02/19/2002 04:34:09.454p INTERLOCK LOSS Drive System Communication Fault Loss Of Communication To Drive System "Master A00 May Be In STOP" Or DH+ Communication Lost Check Network And Cards</p> <p>W3_WE_Additives [Event 10-21] 02/19/2002 04:33:26.059p INTERLOCK LOSS Drive System Master EStop Dropped Out Must Press Drive Reset</p> <p>W3_WE_Additives [Event 10-5] 02/19/2002 04:33:14.401p NO CNTL POWER 723-099-001 72.1 IP1 Ckt #19 I/O Cntl Power WE Additives Processor Chassis C5 PLC Chassis C5 (Starch Mkdown) CP C5:3:I.Data.12</p> <p>W3_WE_Additives [Event 10-2] 02/19/2002 04:33:05.934p NO CNTL POWER 743-099-024 74.3 IP1 Ckt #20 I/O Cntl Power WE Additives Processor Chassis C2 PLC Chassis C2 (WE MCC Rm) CP C2:8:I.Data.11</p> | | | | <p>● LAST 30 MIN</p> <p>● LAST HOUR</p> <p>● LAST 24 HR</p> |
| | | | | EVENT HISTORY |
| | | | | LONG MESSAGE |
| | | | | EVENT GROUP DISPLAY FILTER |
| | | | | <p><input type="checkbox"/> SHOW PLC STATUS</p> <p><input type="checkbox"/> SHOW MOTOR NOT RUNNING</p> <p><input type="checkbox"/> SHOW MOTOR NOT STOPPED</p> <p><input type="checkbox"/> SHOW MOTOR CNTL POWER LOSS</p> <p><input type="checkbox"/> HIDE MOTOR START TIME STAMP</p> <p><input type="checkbox"/> HIDE MOTOR STOP TIME STAMP</p> <p><input type="checkbox"/> SHOW PERM /ITLK STATUS</p> <p><input type="checkbox"/> SHOW VALVE POS STATUS</p> <p><input type="checkbox"/> HIDE OPERATOR COMMANDS</p> <p><input type="checkbox"/> SHOW MISC ALARMS</p> |

Process Sequence Status Event Messages

| REFINERS | PLC SYSTEM | EVENTS | Nikos | 2/19/2002 5:11:47 |
|--|------------|--------|-------|---|
| MOST RECENT EVENTS IN LAST 24 HOURS | | | | MSG COLOR <input type="radio"/> LAST 30 MIN <input type="radio"/> LAST HOUR <input checked="" type="radio"/> LAST 24 HR |
| 02/19/2002 05:11:38.704p SHEET BREAK 4th Dryer Section Roll #41 | | | | EVENT HISTORY |
| 02/19/2002 05:11:15.501p SHEET ON REEL | | | | SHORT MESSAGE |
| 02/19/2002 05:11:02.254p SHEET THRU 4TH DRYER | | | | EVENT GROUP DISPLAY FILTER |
| 02/19/2002 05:10:34.307p SHEET THRU 3RD DRYER | | | | <input checked="" type="checkbox"/> SHOW PLC STATUS |
| 02/19/2002 05:10:05.683p SHEET BREAK 3rd Dryer Section Roll #24 | | | | <input checked="" type="checkbox"/> SHOW MOTOR NOT RUNNING |
| 02/19/2002 05:09:50.215p SHEET ON REEL | | | | <input checked="" type="checkbox"/> SHOW MOTOR NOT STOPPED |
| 02/19/2002 05:09:31.881p SHEET THRU 4TH DRYER | | | | <input checked="" type="checkbox"/> SHOW MOTOR CNTL POWER LOSS |
| 02/19/2002 05:09:27.432p SHEET THRU 3RD DRYER | | | | <input type="checkbox"/> HIDE MOTOR START TIME STAMP |
| | | | | <input type="checkbox"/> HIDE MOTOR STOP TIME STAMP |
| | | | | <input checked="" type="checkbox"/> SHOW PERM / ITLK STATUS |
| | | | | <input checked="" type="checkbox"/> SHOW VALVE POS STATUS |
| | | | | <input type="checkbox"/> HIDE OPERATOR COMMANDS |
| | | | | <input checked="" type="checkbox"/> SHOW MISC ALARMS |

Monitor and log sheet threading process.

Reel Turn-up Event Messages

| REFINERS | PLC SYSTEM | EVENTS | Nikos | 2 / 19 / 2002 5:15:48 |
|---|------------|--------|-------|---|
| MOST RECENT EVENTS IN LAST 24 HOURS | | | | MSG COLOR |
| 02/19/2002 05:15:36.822p REEL TURN-UP Secondary Arms Loaded | | | | <input type="radio"/> LAST 30 MIN <input type="radio"/> LAST HOUR <input checked="" type="radio"/> LAST 24 HR |
| 02/19/2002 05:15:18.761p REEL TURN-UP Load Secondary Arms | | | | EVENT HISTORY |
| 02/19/2002 05:15:08.395p REEL TURN-UP UnLoad Secondary Arms | | | | SHORT MESSAGE |
| 02/19/2002 05:14:53.538p REEL TURN-UP Knife Fire Complete | | | | EVENT GROUP DISPLAY FILTER |
| 02/19/2002 05:14:45.542p REEL TURN-UP Fire Knife | | | | <input type="checkbox"/> SHOW PLC STATUS |
| 02/19/2002 05:14:38.859p REEL TURN-UP Turn On Nozzle Air | | | | <input type="checkbox"/> SHOW MOTOR NOT RUNNING |
| 02/19/2002 05:14:28.355p REEL TURN-UP Lower Nozzle | | | | <input type="checkbox"/> SHOW MOTOR NOT STOPPED |
| 02/19/2002 05:13:46.391p REEL TURN-UP Lower Primary Arms | | | | <input type="checkbox"/> SHOW MOTOR CNTL POWER LOSS |
| 02/19/2002 05:13:34.599p REEL TURN-UP Position Knife | | | | <input type="checkbox"/> HIDE MOTOR START TIME STAMP |
| 02/19/2002 05:13:26.354p REEL TURN-UP Request Enabled | | | | <input type="checkbox"/> HIDE MOTOR STOP TIME STAMP |
| 02/19/2002 05:13:20.430p REEL TURN-UP Reel Spool Starter Running | | | | <input type="checkbox"/> SHOW PERM / ITLK STATUS |
| | | | | <input type="checkbox"/> SHOW VALVE POS STATUS |
| | | | | <input type="checkbox"/> HIDE OPERATOR COMMANDS |
| | | | | <input type="checkbox"/> SHOW MISC ALARMS |

Monitor machine sequence for proper operation, timing, and fault detection.