**KR3\_KPI5:(2) Fatty Acid headload & H2 Loop reactor Hydrogen valve logic modification carried out**

**From:** Sachin Lohar   
**Sent:** Thursday, September 08, 2016 12:18 PM  
**To:** Ajay Kumbhar  
**Cc:** Prashant Pathak; Dinesh Danav; Fatty Acid  
**Subject:** RE: Please provide the logic in loop reactor as follows,

Dear Ajay,

This is reference to below mail,logic implemented in DCS system & same trial taken found okay.

1 )If reaction temperature of reactors (V-701 A) increases above 215 Deg C then the hydrogen line control valve (PCV-301) will be close automatically.

    PCV-301 closes on TI-310 & TI-307 –HHAIND of 215 Deg C.

2)If reaction temperature of reactors (V-701 B) increases above 215 Deg C then the hydrogen line control valve (PCV-701BH) will be close automatically.

    PCV-701BH closes on TI-310B & TI-307B –HHAIND of 215 Deg C

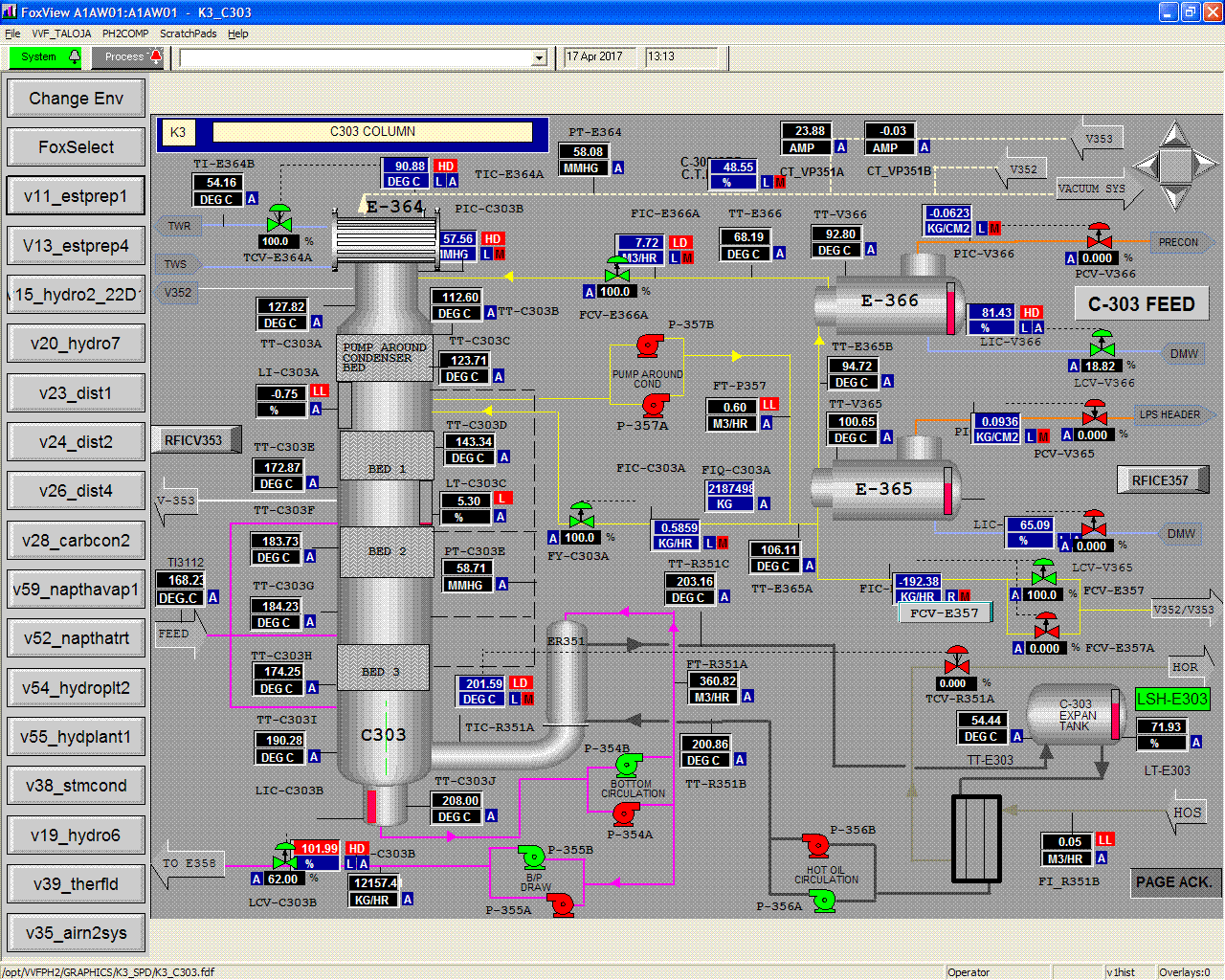
Kindly submit us the duly signed copy of Logic modification format against the same.

Thanks & Regards,

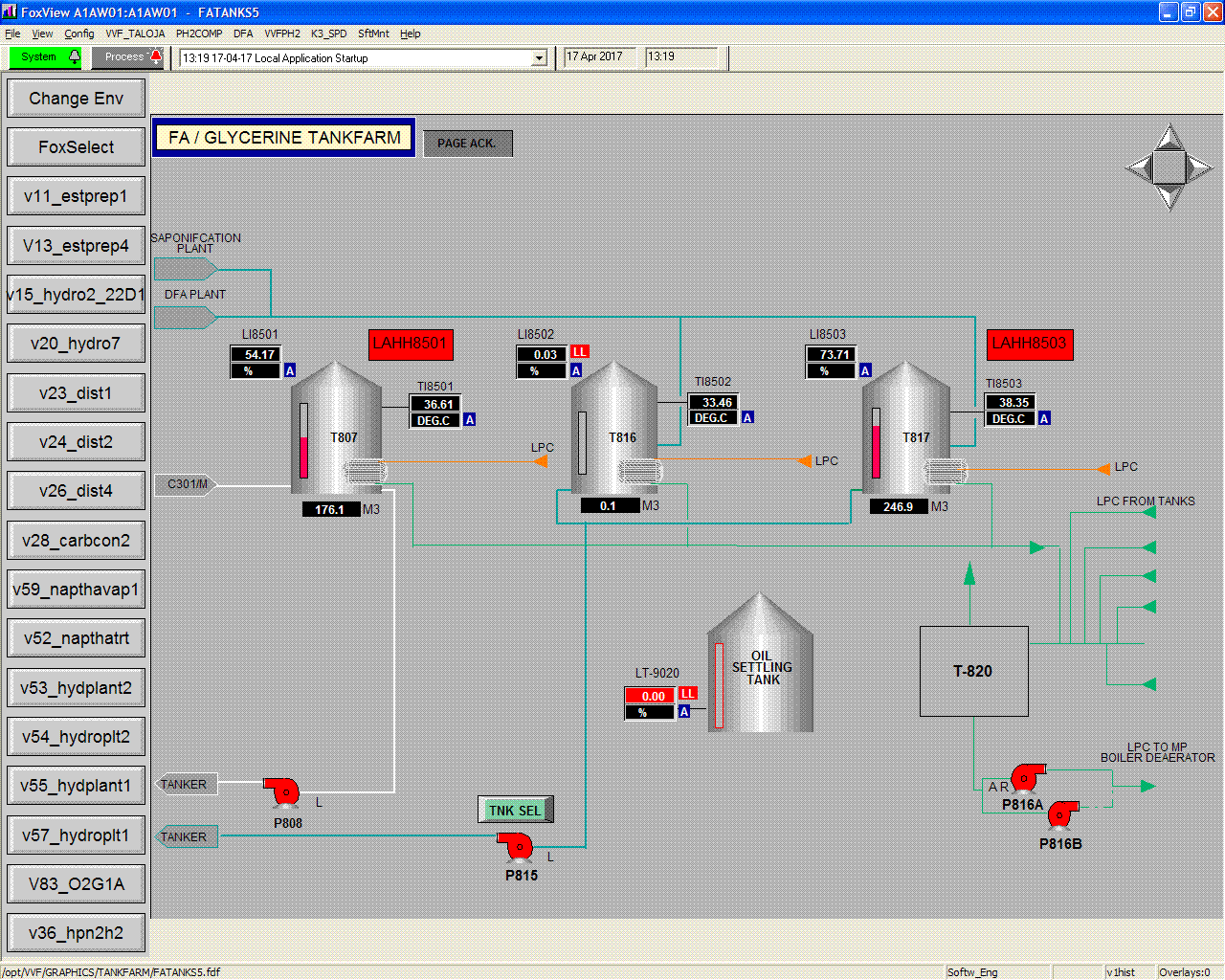
**Sachin Lohar| Sr. Manager| Instrumentation Dept.**

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**KR3\_KPI5: (3)Fatty Acid Pump around condenser new valve(FCV-E357) installation & DCS modification carried out in August'2016**



**KR3\_KPI5:(4) Fatty Acid Tankfarm condensate tank(T820) level switch provided & logic implementation carried out for Pump start/stop**



**KR3\_KPI5:(1) & (3)Fatty Acid Pre-heater thermowll & RTD sensor location to be relocated point added in supply/return line**

**From:** Sachin Lohar   
**Sent:** Saturday, October 08, 2016 2:28 PM  
**To:** Lakhansingh Meena; Amey Deshpande  
**Cc:** Prabhat Das; Aniruddha Bansod; Prasad Kale; Dinesh Danav; Prashant Pathak; Vilas Kakade  
**Subject:** RE: Modification in Thermicf Fluid line in plant\_PREHEATER CIRCUIT THERMOWELL INSTALLATION.

Dear Amey/ Lakhan,

This is reference to below mail for new thermowell installation in Fatty Acid Plant preheater circuit.

All mentioned thermowell’s received in store so request you to carry out thermowell installation & fabrication work for the same.

After this fabrication activity we wll be provide the DCS indication facility for this temperature tags.

Thanks & Regards,

**Sachin Lohar| Sr. Manager| Instrumentation Dept.**

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**From:** Lakhansingh Meena   
**Sent:** Tuesday, June 14, 2016 12:26 PM  
**To:** Sachin Lohar; Amey Deshpande  
**Cc:** Prabhat Das; Aniruddha Bansod; Prasad Kale; Dinesh Danav; Prashant Pathak  
**Subject:** RE: Modification in Thermicf Fluid line in plant

Dear Sir

Please find attached

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Sr No | Thermic fluid Consumer | FT Tag No | NPS (Inches) | Location | Floor | Inlet TT | Outlet TT |
| 1 | C-301 Preheater | FT3206 | 2 | Behind C-301 | 4 | TT3216 | TT3214 |
| 2 | C-303 Preheater | FT359C | 8 | Near E-359 | 4 | TT359A | TT359B |
| 4 | C-401 Preheater | FT4201 | 2 | in front of C-401 preheater | 2 | TT4351 | TT4203 |
| 5 | C-402 Calendriya | FI4302 | 1 | Below c-402 calendriya | 2 | TI4308 | TI4309 |
| 6 | C-501 Preheater | 22FT05 | 3 | In front of C-501 | 4 | 22TT123 | 22TT124 |
| 7 | Old SPD | FT50519 | 3 | Behind Old SPD | 5 | TT50509C | TT50509E |
| 8 | New SPD Preheater | FT E455C | 6 | In front of C-303 reboiler | 4 | TT E455A | TT E455B |
| 9 | New SPD Jacket | FT E451C | TI SPD451B | TI SPD451A |

Regards

**Lakhan Singh Meena**

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**From:** Sachin Lohar   
**Sent:** Tuesday, June 14, 2016 12:18 PM  
**To:** Amey Deshpande  
**Cc:** Prabhat Das; Aniruddha Bansod; Prasad Kale; Lakhansingh Meena; Dinesh Danav; Prashant Pathak  
**Subject:** RE: Modification in Thermicf Fluid line in plant

Dear Amey,

Kindly send the process datasheet for below mentioned TT  along with DCS Tag number.

Thanks & Regards,

**Sachin Lohar| Sr. Manager| Instrumentation Dept.**

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**From:** Amey Deshpande   
**Sent:** Tuesday, May 24, 2016 11:02 AM  
**To:** Prashant Pathak; Dinesh Danav; Sachin Lohar  
**Cc:** Prabhat Das; Aniruddha Bansod; Prasad Kale; Lakhansingh Meena  
**Subject:** FW: Modification in Thermicf Fluid line in plant

Dear Sir,

Based on discussion and Plant visit with Mr. Sachin Lohar & Mr. Dinesh Danav ,we had finalized TT requirement and locations in thermic fluid lines .

Please go through list of TT requirement mentioned below along with line size:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sr No** | **Thermic fluid Consumer** | **FT Tag No** | **NPS (Inches)** | **Location** | **Floor** |
| 1 | C-301 Preheater | FT3206 | **2** | Behind C-301 | 4 |
| 2 | C-303 Preheater | FT359C | **8** | Near E-359 | 4 |
| 4 | C-401 Preheater | FT4201 | **2** | in front of C-401 preheater | 2 |
| 5 | C-402 Calendriya | FI4302 | **1** | Below c-402 calendriya | 2 |
| 6 | C-501 Preheater | 22FT05 | **3** | In front of C-501 | 4 |
| 7 | Old SPD | FT50519 | **3** | Behind Old SPD | 5 |
| 8 | New SPD Preheater | FT E455C | **6** | In front of C-303 reboiler | 4 |
| 9 | New SPD Jacket | FT E451C |

Please do the needful to complete the job.

**Regards**

**Amey Deshpande| Assistant Manager | Technical Services**

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