# Petro Panels .com

**Critical Mission Fuel Transfer System (CMFTS)**

P20-0745 MetLife

**Fire Alarm Active**

Tuesday          11 / 08 / 22    15 : 55 : 34

**Active Alarms**
**35**

| DAY TANK # | 1 | 2 | 3 | 4 | 5 | 6 | % |
|---|---|---|---|---|---|---|---|
| HIGH LEVEL ALARM | ○ | ○ | ○ | ○ | ○ | ○ | 90 |
| PUMP STOP LEVEL | ○ | ○ | ○ | ○ | ○ | ○ | 85 |
| NORMAL FUEL LEVEL | ○ | ○ | ○ | ○ | ○ | ○ | |
| PUMP START LEVEL | ○ | ○ | ○ | ○ | ○ | ○ | 65 |
| LOW LEVEL ALARM | ○ | ○ | ○ | ○ | ○ | ○ | 60 |
| TANK LEAK ALARM | ○ | ○ | ○ | ○ | ○ | ○ | |
| FILL FLOW SENSE | ○ | ○ | ○ | ○ | ○ | ○ | |
| RETURN PUMP RUN | ○ | ○ | ○ | ○ | ○ | ○ | |
| RETURN PUMP LEAK | | | | ○ | | | |

**PUMP STATUS** 1 2

PUMP RUN ○ ○

SYSTEM PRESSURE 38

SYSTEM PRESSURE (OK) (LOW)

OUTSIDE TEMP 'F 26

PUMP RUN TEMP 'F 32

PUMP RUN LOW TEMP ○

**MAIN TANK #** 1

TANK ORDER > 1

HIGH LEVEL ALARM ○
HIGH LEVEL WARNING ○
NORMAL FUEL LEVEL ● (green)
LOW LEVEL WARNING ○
LOW LEVEL ALARM ○
TANK LEAK ○
PUMP SUMP LEAK ○

**OPPOSITE CMFTS SYSTEM**

TANK READY TO TRANSFER ● (green)
TRANSFER IN PROGRESS ○

**MENU**

Interactive CMFTS Screens
Press "MENU" or "Active Alarms"

**DAYTANK #**  1  2  3  4  5  6  %

| | |
|---|---|
| HIGH LEVEL ALARM | 90 |
| PUMP STOP LEVEL | 85 |
| NORMAL FUEL LEVEL | |
| PUMP START LEVEL | 65 |
| LOW LEVEL ALARM | 60 |
| TANK LEAK ALARM | |
| FILL FLOW SENSE | |
| RETURN PUMP RUN | |
| RETURN PUMP LEAK | |

**PUMP STATUS**  1  2

PUMP RUN ◯ ◯

SYSTEM PRESSURE  38

SYSTEM PRESSURE  (OK) (LOW)

OUTSIDE TEMP 'F  26

PUMP RUN TEMP 'F  32

PUMP RUN LOW TEMP ◯

**MAIN TANK #**  1

TANK ORDER >  1

| | |
|---|---|
| HIGH LEVEL ALARM | ◯ |
| HIGH LEVEL WARNING | ◯ |
| NORMAL FUEL LEVEL | 🟢 |
| LOW LEVEL WARNING | ◯ |
| LOW LEVEL ALARM | ◯ |
| TANK LEAK | ◯ |
| PUMP SUMP LEAK | ◯ |

OPPOSIT

TANK READ

TRANSFE

## Menu

[ TEMPERATURE RECIRCULATION ]

[ PUMP STATUS ]

[ TANK GAUGE ]

[ SERVICE SETUP ]

## Cold Weatther Recirculation Setup

| | | | STATUS |
|---|---|---|---|
| TEMPERATURE | 26 | °F | |
| LOW TEMPERATURE SETPOINT | 032 | ACTIVE | ○ |
| PUMP RUN RECIRCULATION TIME | 120 | 0   MIN. | ○ |
| DELAY TIME BETWEEN RECIRCULATION | 020 | 0   MIN. | ○ |
| LOW SYSTEM PRESSURE SETPOINT | 020 | 38   PSI. | (LOW) |

**Active Alarms**
**35**

## Pump Status

**LEAD PUMP**
**PUMP 2**

| MAIN TANK 1 PUMP 1 HOUR METER |
| --- |
| 15 : 13 : 59 |

| MAIN TANK 1 PUMP 2 HOUR METER |
| --- |
| 14 : 53 : 31 |

| PUMP STATUS | 1 | 2 |
| --- | --- | --- |
| PUMP RUN | ◯ | ◯ |
| PUMP LOCKOUT | 🔴 | 🔴 |
| PUMP STARTER RELAY | ◯ | ◯ |
| PUMP OVERLOAD | ◯ | ◯ |
| LOW FLOW RATE | ◯ | ◯ |

**SYSTEM PSI** 0

TANK 1

1   NOT IN USE
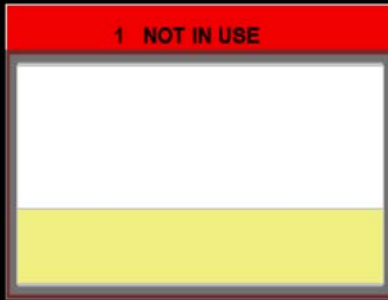
| Volume:<br>GAL. | Level:<br>IN. | Volume:<br>% |
|---|---|---|
| 8513 | 46.4 | 35 |

MAIN TANKS

GAUGE

# Tank Gauge

Select Tank Number: 1 ▲ ▼

Actual Tank Volume:

8513 GAL.

Actual Tank Level:

46.4 IN.

Actual Pct. Volume:

35 %

| | | |
|---|---|---|
| Full Tank Capacity: | 23803 | GAL. |
| Tank High Level Alarm: | 22612 | GAL. |
| Tank High Level Warning: | 21422 | GAL. |
| Tank Low Level Warning: | 5950 | GAL. |
| Tank Low Level Alarm: | 2380 | GAL. |
| | Empty | |

CYLINDRICAL          MAIN TANK

49

## CURRENT ALARMS

| Event Time    Date | Event | Cleared    Count | |
|---|---|---|---|
| Trigger time | Trigger date    Message | Elapsed time | ⚙ |
| 00:00:00 | 01/01/1990    2DPS  PUMP 2 LOCK ALARM | 0 | |
| | | | **Clear Alarms** |
| 00:00:00 | 01/01/1990    1MT LEAK ALARM | 0 | OFF |
| 00:00:00 | 01/01/1990    5DT RP LEAK ALARM | 0 | **Press and Hold** |
| 00:00:00 | 01/01/1990    6DT RP LEAK ALARM | 0 | |
| | | | **Ackn Alarms** |
| 00:00:00 | 01/01/1990    1DT HIGH LEVEL ALARM | 0 | |
| 00:00:00 | 01/01/1990    1DT LEAK ALARM | 0 | HISTORY |

Alarm Buzzer  -  Local

Strobe Light  -  Local

**LACAL ALARMS**

| 01/1990 | 00:00:00 5DT RP LEAK ALARM 01/01/1990 | 00:00:00 6DT RP LEAK ALARM 01/01/1990 |
|---|---|---|

| Trigger time | Trigger date | Message | Acknowledge time | Recovered time | Occurrence count |
|---|---|---|---|---|---|
| 00:00:00 | 01/01/1990 | 1DT HIGH LEVEL ALARM | 14:32:06 | | 1 |
| 00:00:00 | 01/01/1990 | 1DT LEAK ALARM | 14:32:08 | | 1 |
| 00:00:00 | 01/01/1990 | 2DT HIGH LEVEL ALARM | 14:32:08 | | 1 |
| 00:00:00 | 01/01/1990 | 2DT LOW LEVEL ALARM | | | 1 |
| 00:00:00 | 01/01/1990 | 2DT LEAK ALARM | | | 1 |

| 00:00:00 | 01/01/1990 | 1DT LEAK ALARM | | | |

# Petro Panels .com
Critical Mission Fuel Transfer System (CMFTS)
P20-0745 MetLife

FIRE ALARMS ACTIVE

Tuesday    11 /08 /22   15 : 46 : 48

Active Alarms
35

## Login

Name (Privilege)    User (A)    ⊙    **Login**

Password    ****    **Logout**    🏠

User Password is "user"    Logout before Exit to Home

### Current Logged-in User Name

USER SECURITY REQUIRED    TECH SECURITY REQUIRED    FACTORY SECURITY REQUIRED

| Topp Off Day Tanks | Set Clock |
|---|---|

| View Input Status | | START/STOP EASY ACCESS 2 |
|---|---|---|

| View Output Status | | SETUP EASY ACCESS 2 |
|---|---|---|

# Petro Panels .com

## Set Clock

17

**Instructions:**
To set the clock:
Edit all time/date fields as required.
Push Save Time Changes Button.

SAVE TIME
CHANGES

| 1 | 2 | 3 | - |
| 4 | 5 | 6 | CR |
| 7 | 8 | 9 | ES |
| . | 0 | ENT | |

HOUR: 15    MINUTE: 00    SECOND: 00

MONTH: 11    DAY: 08    YEAR: 22

Tuesday   11 / 08 / 22   15 :40 : 02

Tuesday

17

View Output Status

SETUP EASY ACCESS 2

**Active Alarms**
**35**

# Top Off Daytanks

|  | START FUEL CALL | START RETURN PUMP |
|---|---|---|
| DAYTANK #1 | OFF | OFF |
| DAYTANK #2 | OFF | OFF |
| DAYTANK #3 | OFF | OFF |
| DAYTANK #4 | OFF | OFF |
| DAYTANK #5 | OFF | OFF |
| DAYTANK #6 | OFF | OFF |

**View Output Status**

**SETUP EASY ACCESS 2**

# Petro Panels .com

**Active Alarms**
35

## System Inputs

**SYSTEM OUTPUTS**

```
            7 6 5 4 3 2 1 0 7 6 5 4 3 2 1 0
X17-X0      0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
X37-X20     0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
X57-X40     0 0 0 0 0 1 0 1 0 1 0 1 1 0 1 0
X77-X60     0 1 0 1 0 1 0 1 0 0 0 0 0 0 0 0
X137-X100   0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1
X137-X120   0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
X157-X140   0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
X177-X160   0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
X217-X200   0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
X237-X220   0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
X257-X240   0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
X277-X260   0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
X317-X300   0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
X337-X320   0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
X357-X340   0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
```

17

**View Output Status**

**SETUP EASY ACCESS 2**

## System Outputs

SYSTEM INPUTS

```
                 7 6 5 4 3 2 1 0 7 6 5 4 3 2 1 0
   Y17-Y0        0000000000000000
  Y37-Y20        0000000000000000
  Y57-Y40        0011111100000000
  Y77-Y60        0000000000000000
Y137-Y100        0000000000000000
Y137-Y120        0000000000000000
Y157-Y140        0011110100000000
X177-X160        0000000000000000
Y217-Y200        0000000000000000
Y237-Y220        0000000000000000
Y257-Y240        0000000000000000
Y277-Y260        0000000000000000
Y337-Y320        0000000000000000
Y357-Y340        0000000000000000
```

17

View Output Status

SETUP EASY ACCESS 2