MECHANICAL UTILITIES TEST REPORT

THIS SECTION TO BE COMPLETED BY COGNIZANT ENGINEER

PREPARED BY: R. O'BRIEN    LIFE #: 24921    DATE: 8/7/15

TEST LOCATION: 7-10 SST FOE    APPLICABLE DRAWING(S): PO-SST-UT-1500.DWG
ATTACHMENT ON/CIRCLE ONE

DESCRIPTION OF COMPONENT/SYSTEM:
INTERIOR OF FOE (MUTCH A)

MAXIMUM ALLOWABLE WORKING PRESSURE (PSIG) OF COMPONENT/SYSTEM:
40% PSIG FOR PROCESS COMPRESSED AIR/100 PSIG FOR GW

MECHANICAL UTILITY SYSTEM (MARK AN "X" ON ALL THAT APPLY):

PRIMARY DI WATER    SECONDARY DI WATER    ALUMINUM DI WATER

PROCESS CHILLED WATER    COMPRESSED AIR    GASEOUS NITROGEN    OTHER

IF ‘OTHER’ IS SELECTED, DESCRIBE THE SYSTEM:

TEST GAUGE INFORMATION:
RANGE: 0-300 PSIG    UNIT OF MEASUREMENT: PSIG
SERIAL NUMBER: M913095    CALIBRATION DUE DATE: 9/15/16

OPERATIONS CONDUCTED (SELECT ALL THAT APPLY):
LEAK TEST    FLUSH    HYDROSTATIC PRESSURE TEST    PNEUMATIC PRESSURE TEST

OTHER

IF ‘OTHER’ IS SELECTED, DESCRIBE THE OPERATION:

R. O'BRIEN 08/07/2015 REV A
LEAK TEST:

THIS SECTION TO BE COMPLETED BY COGNIZANT ENGINEER

TEST FLUID: C A FLUID TEMPERATURE AMBIENT °F FLUID PRESSURE: 60 PSIG

METHOD USED (VISUAL, SOAP BUBBLES, VACUUM, ETC.): VISUAL & BUBBLE (IF REQUIRED)

***TEST DURATION SHALL BE AS LONG AS REQUIRED TO EVALUATE POTENTIAL LEAK POINTS***

THIS SECTION TO BE COMPLETED BY QUALIFIED TECHNICIAN

CONDUCTED BY: J. Stanisci DATE: 8/10/15

RECORD ACTUAL LEAK TEST DURATION HERE: 2 hrs

NO LEAKAGE PRESENT [ ] SIGNATURE: ____________________________

FLUSH:

THIS SECTION TO BE COMPLETED BY COGNIZANT ENGINEER

FLUSH FLUID: _______ FLUID TEMPERATURE _______*F FLUID PRESSURE: _______ PSIG

FLUSH DURATION: ______________ MINUTES/HOURS (CIRCLE ONE)

FLUSH PARAMETERS: ____________________________ (WRITE “N/A” IF NONE APPLY)

THIS SECTION TO BE COMPLETED BY QUALIFIED TECHNICIAN

CONDUCTED BY: ___________ DATE: ___________

COMMENTS:

________________________________________________________

ACCEPTABLE [ ] SIGNATURE: ____________________________

PRESSURE TEST:

THIS SECTION TO BE COMPLETED BY COGNIZANT ENGINEER

TYPE: HYDROSTATIC [ ] PNEUMATIC [X] TEST FLUID: AIR FLUID TEMPERATURE AMBIENT °F

SPECIFIED STARTING PRESSURE: 60 PSIG SPECIFIED MAXIMUM TEST PRESSURE: 150 PSIG

SPECIFIED PRESSURE AND TIME INCREMENTS: 10/10 PSIG/MINUTES

SPECIFIED MAXIMUM TEST PRESSURE DURATION: 20 MINUTES (10 MINUTES MINIMUM)
MECHANICAL UTILITIES TEST REPORT – PAGE 3

PRESSURE TEST (CONTINUED):

THIS SECTION TO BE COMPLETED BY QUALIFIED TECHNICIAN

CONDUCTED BY: J. Stenisko       DATE: 8/10/15

ENVIRONMENTAL FACTORS: TEMPERATURE ___________ °F    RELATIVE HUMIDITY ___________ %

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PRESSURE TEST ACCEPTABLE ✓

TECHNICIAN SIGNATURE/LIFE NUMBER: / 25/08

WITNESS SIGNATURE/LIFE NUMBER: __________________________

OTHER:

THIS SECTION TO BE COMPLETED BY COGNIZANT ENGINEER

DETAILED DESCRIPTION OF OPERATION (ATTACHMENT Y / N):

____________________________________________________________________
____________________________________________________________________
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TEST FLUID: ___________ FLUID TEMPERATURE ___________ °F    FLUID PRESSURE: ___________ PSIG

THIS SECTION TO BE COMPLETED BY QUALIFIED TECHNICIAN

CONDUCTED BY: ___________       DATE: ___________

ENVIRONMENTAL FACTORS: TEMPERATURE ___________ °F    RELATIVE HUMIDITY ___________ %

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ATTACHMENT TO TEST REPORT 8/7/15
FBE CA & CN2 LEAK & PNEUMATIC PRESSURE TEST
PD-SST-UT-1500.DWG SECTION

SEE Below FOR CONTINUATION

HUTCH ROOF

CA TEST BOUNDARY

CA TEST BOUNDARY

1/2" TYPE L COPPER TUBE

1/2" TYPE L COPPER TUBE

ATL LOCATION

PNEUMATIC INPUT FOR TEST

DO NOT INCLUDE PRV IN TEST
MECHANICAL UTILITIES TEST REPORT

PREPARED BY: R. O'BRIEN  LIFE #: 24021  DATE: 9/11/15

TEST LOCATION: 7-10 SST FLOOR  APPLICABLE DRAWING(S): PD-SST-UT-1500.6WG
ATTACHMENT Y/N  (CIRCLE ONE)

DESCRIPTION OF COMPONENT/SYSTEM:
GNA # COMPRESSED AIR ON EXPERIMENTAL FLOOR

MAXIMUM ALLOWABLE WORKING PRESSURE (PSIG) OF COMPONENT/SYSTEM:
90 PSIG FOR AIR / 100 PSIG FOR GNA

MECHANICAL UTILITY SYSTEM (MARK AN “X” ON ALL THAT APPLY):

- PRIMARY DI WATER ☐
- SECONDARY DI WATER ☐
- ALUMINUM DI WATER ☐
- PROCESS CHILLED WATER ☐
- COMPRESSED AIR ☑
- GASEOUS NITROGEN ☑
- OTHER ☐

IF ‘OTHER’ IS SELECTED, DESCRIBE THE SYSTEM:


TEST GAUGE INFORMATION:

- RANGE: 0 - 300
- UNIT OF MEASUREMENT: PSIG
- SERIAL NUMBER: M#136085
- CALIBRATION DUE DATE: 3/5/16

OPERATIONS CONDUCTED (SELECT ALL THAT APPLY):

- LEAK TEST ☑
- FLUSH ☐
- HYDROSTATIC PRESSURE TEST ☐
- PNEUMATIC PRESSURE TEST ☑

IF ‘OTHER’ IS SELECTED, DESCRIBE THE OPERATION:


R. O'BRIEN 08/07/2015 REV A
MECHANICAL UTILITIES TEST REPORT – PAGE 2

LEAK TEST:

THIS SECTION TO BE COMPLETED BY COGNIZANT ENGINEER

TEST FLUID: AIR  FLUID TEMPERATURE AMBIENT °F  FLUID PRESSURE: <60 PSIG

METHOD USED (VISUAL, SOAP BUBBLES, VACUUM, ETC.): VISUAL W/ BUBBLES

***TEST DURATION SHALL BE AS LONG AS REQUIRED TO EVALUATE POTENTIAL LEAK POINTS***

THIS SECTION TO BE COMPLETED BY QUALIFIED TECHNICIAN

CONDUCTED BY: Jeff Carlson  DATE: 9-12-15

RECORD ACTUAL LEAK TEST DURATION HERE: 4 hrs

NO LEAKAGE PRESENT  SIGNATURE: ______________________

FLUSH:

THIS SECTION TO BE COMPLETED BY COGNIZANT ENGINEER

FLUSH FLUID:  FLUID TEMPERATURE °F  FLUID PRESSURE: PSIG

FLUSH DURATION: MINUTES/HOURS (CIRCLE ONE)

FLUSH PARAMETERS:  (WRITE "N/A" IF NONE APPLY)

THIS SECTION TO BE COMPLETED BY QUALIFIED TECHNICIAN

CONDUCTED BY:  DATE: 

COMMENTS:

_________________________________________________________

_________________________________________________________

ACCEPTABLE □  SIGNATURE: ______________________

PRESSURE TEST:

THIS SECTION TO BE COMPLETED BY COGNIZANT ENGINEER

TYPE: HYDROSTATIC □  PNEUMATIC X  TEST FLUID: AIR  FLUID TEMPERATURE AMBIENT

SPECIFIED STARTING PRESSURE: 60 PSIG  SPECIFIED MAXIMUM TEST PRESSURE: 150 PSIG

SPECIFIED PRESSURE AND TIME INCREMENTS: 10/10 PSIG/MINUTES

SPECIFIED MAXIMUM TEST PRESSURE DURATION: 20 MINUTES (10 MINUTES MINIMUM)
MECHANICAL UTILITIES TEST REPORT – PAGE 3

PRESSURE TEST (CONTINUED):

THIS SECTION TO BE COMPLETED BY QUALIFIED TECHNICIAN

CONDUCTED BY: J C DATE: 9/11/15

ENVIRONMENTAL FACTORS: TEMPERATURE ______ °F RELATIVE HUMIDITY ______ %

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PRESSURE TEST ACCEPTABLE ☑

TECHNICIAN SIGNATURE/LIFE NUMBER:

WITNESS SIGNATURE/LIFE NUMBER:

OTHER:

THIS SECTION TO BE COMPLETED BY COGNIZANT ENGINEER

DETAILED DESCRIPTION OF OPERATION (ATTACHMENT Y / N):

_________________________________________________________________________________

_________________________________________________________________________________

TEST FLUID: __________ FLUID TEMPERATURE ______ °F FLUID PRESSURE: ______ PSIG

THIS SECTION TO BE COMPLETED BY QUALIFIED TECHNICIAN

CONDUCTED BY: ________ DATE: ________

ENVIRONMENTAL FACTORS: TEMPERATURE ______ °F RELATIVE HUMIDITY ______ %

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R. O'BRIEN 08/07/2015 REV A
OTHER (CONTINUED):

THIS SECTION TO BE COMPLETED BY QUALIFIED TECHNICIAN

NOTES:

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THIS SECTION TO BE COMPLETED BY COGNIZANT ENGINEER

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TEST ACCEPTABLE □

TECHNICIAN SIGNATURE/LIFE NUMBER:__________________________

WITNESS SIGNATURE/LIFE NUMBER:__________________________

R. O'BRIEN 08/07/2015 REV A
Utilities Test Report

Location: 7-10 FOE

Prepared by: O'BRIEN Life #: 24031 Date: 6/26/15

Applicable: Drawing(s): PP-SST-UT-1000.RVT

Specification(s)/Procedure(s): DI WATER SUPPLY & REEVOLV SYSTEM INSIDE FOE HUTC H A

Branch/Component(s) located on: □ HPC □ LPC □ Alum □ Exp. □ Other □ Specify

Operation(s) Conducted: □ Leak Test □ Flushing □ Pressure Test □ Hydrostatic □ Pneumatic □ Other □ Specify

Leak Test: Test Conducted by: Vincent Brignaca Test Date: 6-29-15

Test Location: □ In Field/Position □ Other

Test Medium: □ Water □ Gas □ Specify □ Other □ Specify

Test Parameters: □ Domestic Water □ Other HOUSE psig AMBIENT °F

No Leakage or Weepage Allowed.
□ Acceptable □ Non-Acceptable

Signature:

□ Other

Signature:__________________________

Witnesses (if applicable):__________________________

flushing: Conducted by: Vincent Brignaca Date Conducted: 6-29-15

Use clean water @ Temp. <100°F

Medium: □ Domestic Water □ Other □ Specify

Flush Duration: 20 minutes/hours (circle correct unit)

□ Acceptable □ Non-Acceptable: Explain:__________________________

Signature:

□ Other

Signature:__________________________

Witnesses (if applicable):__________________________

Approved By: W. O’Brien 12/12/15
Utilities Test Report

Location: 7-10 FOE

Pressure Test: Test Conducted by: Vincent Briguez Test Date: 6-29-15

Test Location: ☐ In Field/Position  ☐ Other ____________________________

Fluid medium: ☐ Water  ☐ Air

Temp. <100°F

Maximum Test Pressure: Specified: 15 psig
Actual: ____________________________ psig

Test Duration: 10 MINS EACH INFL. minutes/hours (circle correct unit)
(10 minute minimum)

☐ Test Pressure was Increased/Decreased in Steps – Specify both pressure & Time Duration

Pressure Increased to Max. Test Pressure

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<th>Time ~ minutes:</th>
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<td>10 MINS EACH INFL.</td>
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Pressure Decreased from Pmax to Lesser of Design Pres. or 100 psig.

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<td>10 MINUTES EACH 10</td>
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Other Test: Must Define Purpose, Procedure of Test and Criteria for Acceptance.
Use comment section.
☐ Other sheets included

Test Conducted by: ____________________________ Date of Test: ____________________________

Test Location: ☐ In Field/Position  ☐ Other ____________________________

☐ Acceptable  ☐ Non-Acceptable  ☐ Other ____________________________

Signature: ____________________________ Signature: ____________________________ Signature: ____________________________

Comments: ____________________________

Approved By: W. O'Brien 12/12/15
MECHANICAL UTILITIES TEST REPORT

PREPARED BY: R. O'BRIEN  LIFE #: 240021  DATE: 8/13/15

TEST LOCATION: 7-10 SST  APPLICABLE DRAWING(S): PD-SST-UT-1500.DWG
ATTACHMENT Y/N  (CIRCLE ONE)

DESCRIPTION OF COMPONENT/SYSTEM:
DI WATER PIPING ON EXP. FLOOR

MAXIMUM ALLOWABLE WORKING PRESSURE (PSIG) OF COMPONENT/SYSTEM:
150 PSIG

MECHANICAL UTILITY SYSTEM (MARK AN "X" ON ALL THAT APPLY):
PRIMARY DI WATER  □  SECONDARY DI WATER  X  ALUMINUM DI WATER  □
PROCESS CHILLED WATER  □  COMPRESSED AIR  □  GASEOUS NITROGEN  □  OTHER  □

IF 'OTHER' IS SELECTED, DESCRIBE THE SYSTEM:
Piping system for pilous, not including the differential pressure transmitters. See attachment for boundaries of tests. Also, do not include system pressure gauges or transmitters.

TEST GAUGE INFORMATION:
RANGE: 0 - 3000  UNIT OF MEASUREMENT: PSIG
SERIAL NUMBER: WINCHESTER 9181  CALIBRATION DUE DATE: 7/31/2016

OPERATIONS CONDUCTED (SELECT ALL THAT APPLY):
LEAK TEST  □  FLUSH  □  HYDROSTATIC PRESSURE TEST  X  PNEUMATIC PRESSURE TEST  □
OTHER □

IF 'OTHER' IS SELECTED, DESCRIBE THE OPERATION: 

R. O'BRIEN 08/07/2015 REV A
LEAK TEST:

THIS SECTION TO BE COMPLETED BY COGNIZANT ENGINEER

TEST FLUID: **AIR**  FLUID TEMPERATURE **AMBIENT** °F  FLUID PRESSURE: **< 60** PSIG

METHOD USED (VISUAL, SOAP BUBBLES, VACUUM, ETC.): **VISUAL + BUBBLES (IF REQUIRED)**

***TEST DURATION SHALL BE AS LONG AS REQUIRED TO EVALUATE POTENTIAL LEAK POINTS***

THIS SECTION TO BE COMPLETED BY QUALIFIED TECHNICIAN

CONDUCTED BY: **R. Raico**  DATE: **10-23-15**

RECORD ACTUAL LEAK TEST DURATION HERE: 

NO LEAKAGE PRESENT  ☐  SIGNATURE: **R. Raico**

FLUSH:

THIS SECTION TO BE COMPLETED BY COGNIZANT ENGINEER

FLUSH FLUID: **WATER**  FLUID TEMPERATURE **AMBIENT** °F  FLUID PRESSURE: **HOUSE** PSIG

FLUSH DURATION: **20** MINUTES/HOURS (CIRCLE ONE)

FLUSH PARAMETERS: **N/A** (WRITE "N/A" IF NONE APPLY)

THIS SECTION TO BE COMPLETED BY QUALIFIED TECHNICIAN

CONDUCTED BY: **R. Raico**  DATE: **10-23-15**

COMMENTS:

________________________________________________________

ACCEPTABLE  ☑  SIGNATURE: **R. Raico**

PRESSURE TEST:

THIS SECTION TO BE COMPLETED BY COGNIZANT ENGINEER

TYPE: **HYDROSTATIC** ☑  PNEUMATIC ☐  TEST FLUID: **WATER**  FLUID TEMPERATURE **AMBIENT** °F

SPECIFIED STARTING PRESSURE: **35** PSIG  SPECIFIED MAXIMUM TEST PRESSURE: **225** PSIG

SPECIFIED PRESSURE AND TIME INCREMENTS: **25/10** PSIG/MINUTES

SPECIFIED MAXIMUM TEST PRESSURE DURATION: **10** MINUTES (10 MINUTES MINIMUM)
**PRESSURE TEST (CONTINUED):**

THIS SECTION TO BE COMPLETED BY QUALIFIED TECHNICIAN

CONDUCTED BY: [Signature]  DATE: 10-23

ENVIRONMENTAL FACTORS: TEMPERATURE N/A °F  RELATIVE HUMIDITY N/A %

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PRESSURE TEST ACCEPTABLE  ✗  TECHNICIAN SIGNATURE/LIFE NUMBER: [Signature] 25649

WITNESS SIGNATURE/LIFE NUMBER: [Signature] 22429

**OTHER:**

THIS SECTION TO BE COMPLETED BY COGNIZANT ENGINEER

DETAILED DESCRIPTION OF OPERATION (ATTACHMENT Y / N):

__________________________________________________________________________

__________________________________________________________________________

TEST FLUID:  FLUID TEMPERATURE  °F  FLUID PRESSURE:  PSIG

__________________________________________________________________________

THIS SECTION TO BE COMPLETED BY QUALIFIED TECHNICIAN

CONDUCTED BY:  DATE: __________

ENVIRONMENTAL FACTORS: TEMPERATURE  °F  RELATIVE HUMIDITY %

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R. O'BRIEN 08/07/2015 REV A
MECHANICAL UTILITY SYSTEM (MARK AN “X” ON ALL THAT APPLY):

- PRIMARY DI WATER
- SECONDARY DI WATER
- ALUMINUM DI WATER
- PROCESS CHILLED WATER
- COMPRESSED AIR
- GASEOUS NITROGEN
- OTHER

IF ‘OTHER’ IS SELECTED, DESCRIBE THE SYSTEM:

- HIGH CAPACITY AIR

TEST GAUGE INFORMATION:

- RANGE: 0-300 PSIG
- UNIT OF MEASUREMENT: PSIG
- SERIAL NUMBER: E4Z3236
- CALIBRATION DUE DATE: 10/25/18

OPERATIONS CONDUCTED (SELECT ALL THAT APPLY):

- LEAK TEST
- FLUSH
- HYDROSTATIC PRESSURE TEST
- PNEUMATIC PRESSURE TEST

IF ‘OTHER’ IS SELECTED, DESCRIBE THE OPERATION:
LEAK TEST:
THIS SECTION TO BE COMPLETED BY COGNIZANT ENGINEER
TEST FLUID: AIR FLUID TEMPERATURE AMBIENT °F FLUID PRESSURE: 50 PSIG
METHOD USED (VISUAL, SOAP BUBBLES, VACUUM, ETC.): VISUAL DECAY TEST
***TEST DURATION SHALL BE AS LONG AS REQUIRED TO EVALUATE POTENTIAL LEAK POINTS***

THIS SECTION TO BE COMPLETED BY QUALIFIED TECHNICIAN
CONDUCTED BY: DATE: 12-14-17
RECORD ACTUAL LEAK TEST DURATION HERE: 2 hour
NO LEAKAGE PRESENT SIGNATURE: 

FLUSH:
THIS SECTION TO BE COMPLETED BY COGNIZANT ENGINEER
FLUSH FLUID: _______ FLUID TEMPERATURE ______ °F FLUID PRESSURE: ______ PSIG
FLUSH DURATION: _______________ MINUTES/HOURS (CIRCLE ONE)
FLUSH PARAMETERS: ____________________________ (WRITE "N/A" IF NONE APPLY)

THIS SECTION TO BE COMPLETED BY QUALIFIED TECHNICIAN
CONDUCTED BY: DATE:
COMMENTS:

ACCEPTABLE SIGNATURE: 

PRESSURE TEST:
THIS SECTION TO BE COMPLETED BY COGNIZANT ENGINEER
TYPE: HYDROSTATIC □ PNEUMATIC X TEST FLUID: ______ FLUID TEMPERATURE ______ °F
SPECIFIED STARTING PRESSURE: 50 PSIG SPECIFIED MAXIMUM TEST PRESSURE: 150 PSIG
SPECIFIED PRESSURE AND TIME INCREMENTS: 10/10 PSIG/MINUTES
SPECIFIED MAXIMUM TEST PRESSURE DURATION: 10 MINUTES (10 MINUTES MINIMUM)
MECHANICAL UTILITIES TEST REPORT – PAGE 3

PRESSURE TEST (CONTINUED):

THIS SECTION TO BE COMPLETED BY QUALIFIED TECHNICIAN

CONDUCTED BY: MD DATE: 1/21/17

ENVIRONMENTAL FACTORS (OPTIONAL): TEMPERATURE _______ °F RELATIVE HUMIDITY _______ %

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PRESSURE TEST ACCEPTABLE [ ]

TECHNICIAN SIGNATURE/LIFE NUMBER: [Signature] 25631

WITNESS SIGNATURE/LIFE NUMBER: [Signature] 18981

OTHER:

THIS SECTION TO BE COMPLETED BY COGNIZANT ENGINEER

DETAILED DESCRIPTION OF OPERATION (ATTACHMENT Y/N):

__________________________________________________________

__________________________________________________________

TEST FLUID: _______ FLUID TEMPERATURE _______ °F FLUID PRESSURE: _______ PSIG

THIS SECTION TO BE COMPLETED BY QUALIFIED TECHNICIAN

CONDUCTED BY: _______ DATE: _______

ENVIRONMENTAL FACTORS (OPTIONAL): TEMPERATURE _______ °F RELATIVE HUMIDITY _______ %

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R. O’BRIEN 11/07/2017 REV B
MECHANICAL UTILITIES TEST REPORT – PAGE 4

OTHER (CONTINUED):

THIS SECTION TO BE COMPLETED BY QUALIFIED TECHNICIAN

NOTES:

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THIS SECTION TO BE COMPLETED BY COGNIZANT ENGINEER

NOTES:

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TEST ACCEPTABLE ☐

TECHNICIAN SIGNATURE/LIFE NUMBER: ________________________________

WITNESS SIGNATURE/LIFE NUMBER: ________________________________

R. O’BRIEN 11/07/2017 REV B
MECHANICAL UTILITIES TEST REPORT

PREPARED BY: R. O'BRIEN  LIFE #: 84021  DATE: 9/17/2015

TEST LOCATION: 7-10 SST

APPLICABLE DRAWING(S): PO-035-07-0000-946

ATTACHMENT ☑ N  (CIRCLE ONE)

DESCRIPTION OF COMPONENT/SYSTEM:
PROCESS CHILLED WATER

MAXIMUM ALLOWABLE WORKING PRESSURE (PSIG) OF COMPONENT/SYSTEM:

AS PSIG

MECHANICAL UTILITY SYSTEM (MARK AN “X” ON ALL THAT APPLY):

PRIMARY DI WATER ☐  SECONDARY DI WATER ☐  ALUMINUM DI WATER ☐

PROCESS CHILLED WATER ☑  COMPRESSED AIR ☐  GASEOUS NITROGEN ☐  OTHER ☐

IF ‘OTHER’ IS SELECTED, DESCRIBE THE SYSTEM:

TEST GAUGE INFORMATION:

RANGE: 0-3000  UNIT OF MEASUREMENT: PSIG

SERIAL NUMBER: 9117 WAINHESTER  CALIBRATION DUE DATE: 7/31/2016

OPERATIONS CONDUCTED (SELECT ALL THAT APPLY):

LEAK TEST ☑  FLUSH ☐  HYDROSTATIC PRESSURE TEST ☑  PNEUMATIC PRESSURE TEST ☐

OTHER ☐

IF ‘OTHER’ IS SELECTED, DESCRIBE THE OPERATION:

R. O’BRIEN 08/07/2015 REV A
MECHANICAL UTILITIES TEST REPORT - PAGE 2

LEAK TEST:
THIS SECTION TO BE COMPLETED BY COGNIZANT ENGINEER
TEST FLUID: AIR FLUID TEMPERATURE AMB. °F FLUID PRESSURE: <60 PSIG
METHOD USED (VISUAL, SOAP BUBBLES, VACUUM, ETC.): VISUAL & BUBBLES

***TEST DURATION SHALL BE AS LONG AS REQUIRED TO EVALUATE POTENTIAL LEAK POINTS***

THIS SECTION TO BE COMPLETED BY QUALIFIED TECHNICIAN
CONDUCTED BY: V. Biguevic DATE: 1-11-16
RECORD ACTUAL LEAK TEST DURATION HERE: ____________________________
NO LEAKAGE PRESENT □ SIGNATURE: V. Biguevic

FLUSH:
THIS SECTION TO BE COMPLETED BY COGNIZANT ENGINEER
FLUSH FLUID: WATER FLUID TEMPERATURE AMB. °F FLUID PRESSURE: HOUSE PSIG
FLUSH DURATION: 20 MINUTES/HOURS (CIRCLE ONE)
FLUSH PARAMETERS: N/A

(WRITE "N/A" IF NONE APPLY)

THIS SECTION TO BE COMPLETED BY QUALIFIED TECHNICIAN
CONDUCTED BY: V. Biguevic DATE: 1-11-16
COMMENTS:

______________________________________________________________

ACCEPTABLE □ SIGNATURE: V. Biguevic

PRESSURE TEST:
THIS SECTION TO BE COMPLETED BY COGNIZANT ENGINEER
TYPE: HYDROSTATIC □ PNEUMATIC □ TEST FLUID: ______ FLUID TEMPERATURE ______ °F
SPECIFIED STARTING PRESSURE: 75 PSIG SPECIFIED MAXIMUM TEST PRESSURE: 150 PSIG
SPECIFIED PRESSURE AND TIME INCREMENTS: 25/10 PSIG/MINUTES
SPECIFIED MAXIMUM TEST PRESSURE DURATION: 10 MINUTES (10 MINUTES MINIMUM)
MECHANICAL UTILITIES TEST REPORT – PAGE 3

PRESSURE TEST (CONTINUED):

CONDUCTED BY: [Signature] DATE: 1-11-16

ENVIRONMENTAL FACTORS: TEMPERATURE N/A °F RELATIVE HUMIDITY N/A %

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PRESSURE TEST ACCEPTABLE ☑

TECHNICIAN SIGNATURE/LIFE NUMBER: [Signature] 25296

WITNESS SIGNATURE/LIFE NUMBER: [Signature] 20429

OTHER:

THIS SECTION TO BE COMPLETED BY COGNIZANT ENGINEER

DETAILED DESCRIPTION OF OPERATION (ATTACHMENT Y/N):

____________________________________________________________________

____________________________________________________________________

TEST FLUID: ___________ FLUID TEMPERATURE ___________ °F FLUID PRESSURE: ___________ PSIG

CONDUCTED BY: ___________ DATE: ___________

ENVIRONMENTAL FACTORS: TEMPERATURE ___________ °F RELATIVE HUMIDITY ___________ %

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R. O’BRIEN 08/07/2015 REV A
**TAG FORMAT**

4-Digit Sequential Number Starting at 1001

Device Tag Abbreviation (See Legend)

System Abbreviation (See Legend)

Metal Designation

**PIPE IDENTIFICATION LABEL FORMAT - USE SMB'S FOR INSTALLATION DETAILS**

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<th>LABEL TEXT</th>
<th>LABEL FIELD COLOR</th>
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**TAG LEGEND**

**DEMONSTRATION LOCATION**

**DEMONSTRATION NO.**

**METAL DESIGNATION**

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**SYSTEM DESIGNATION**

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