

CERTIFICATION OF WORK
(To be completed by the Contractor and saved in the Contractor's CMMS)

FACID/Building: WV 053

Date of Visit: 4/2/19

Contractor Personnel on Site:

- | | |
|------------------------|------------------------|
| 1. <u>Tony Lano</u> | 4. <u>Gary Beirzel</u> |
| 2. <u>Jim Geertjes</u> | 5. _____ |
| 3. <u>Scott Wern</u> | 6. _____ |

Work Performed:

Preventive Maintenance - Services Completed (Annual, Quarterly, Monthly, equipment identification, etc.)

- | | |
|--|--|
| 1. <u>8234</u> | |
| 2. <u>8307</u> | |
| 3. <u>8271</u> | |
| 4. <u>DEFICIENCY - TRANE TRACER System OFFLINE</u> | |

CERTIFICATION OF WORK

To be signed by the Contractor:

Print Name: Jim Geertjes Date: 4-2-19

Signed: [Signature]

To be signed by Facility Manager:

By signing the Certification of Work, the said government representative signature does not constitute acceptance of any work performed by the contractor, it only acknowledges that the contractor was on-site during the identified timeline:

Print Name/Rank: Don Shumaker Date: 2 Apr 19

Signed: [Signature]

E-Mail: Don.Shumaker@...

OTHER RECURRING SERVICES CERTIFICATION OF WORK
(To be completed by the Contractor and saved in the Contractor's CMMS)

FACID/Building: WV 053

Date of Visit: 4/2/19

Contractor Personnel on Site:

1. Tony Green
2. Jim Geertgen
3. Jeff Wern

4. Gary Betzel
5. _____
6. _____

Work Performed:

Other Recurring Services

1. 8337
2. _____
3. _____
4. _____

CERTIFICATION OF WORK

To be signed by the Contractor:

Print Name: Jim Geertgen

Date: 4-2-19

Signed: _____

To be signed by Facility Manager:

By signing the Certification of Work, the said government representative signature does not constitute acceptance of any work performed by the contractor, it only acknowledges that the contractor was on-site during the identified timeline:

Print Name/Rank: Don Showalter

Date: 2 Apr 19

Signed: _____

E-Mail: Donald.L.Showalter@mil.af.mil

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST THERMOSTATS

SITE AND BLDG #: WV053 -01

LOCATION/RM #: 102 WO# 8234 ASSET # 5372

MECHANIC
SIGNATURE: *[Signature]*

DATE: 4/2/13

START TIME: 9:30

FINISH TIME: 9:40

CHECKS (01 IN)		THERMOSTAT INSTRUCTIONS		THERMOSTAT SERVICE	
NO.	DESCRIPTION	YES	NO	YES	NO
1	In addition to the procedure(s) outlined in this standard, the equipment manufacturer's recommended maintenance procedure(s) and/or instruction(s) shall be strictly adhered.				
2	Follow lock out/tag out procedures at all times. De-energize or discharge all hydraulic, electrical, mechanical, or thermal energy prior to beginning work.				
1	If EMS (Energy Management System) exists, run the manufacturers diagnostic software for the wireless system. This diagnostic shall produce a report of all functional aspects of the wireless system indicating faults that should be addressed in this maintenance.				
2	Review all zone set points at the server.				
3	Inspect thermostat installation, ensure mounting is correct, fastened secure and that the thermostat is not blocked by equipment generating heat or furniture blocking air circulation.				
4	Remove thermostat cover and lightly blow away any accumulated dust with canned low pressure air.				
5	Check time-of-day schedule to confirm consistency with facility operation.				
6	Adjust schedule as needed.				
	If applicable, replace battery as needed.				

Note: The technician shall perform any repairs identified during PM up to \$250 (direct labor and direct material cost) per PM occurrence. For any deficiencies found exceeding \$250 open a corrective maintenance (CM) ticket and include the Asset #, WO #, photos, and a detailed description of the deficiency.

To be performed by: HVAC Technician

Additional Notes:

SET 68°

ACRON 65°

BK

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST THERMOSTATS

STATE AND BLDG #: WV 053-01
LOCATION/RM #: 106 WO# 8234 ASSET # 1509

MECHANIC
SIGNATURE

DATE: 9/2/18

START TIME: 9:40

FINISH TIME: 9:50

ITEM #	DESCRIPTION	PERFORMED	DATE
1	In addition to the procedure(s) outlined in this standard, the equipment manufacturer's recommended maintenance procedure(s) and/or instruction(s) shall be strictly adhered.		
2	Follow lock out/tag out procedures at all times. De-energize or discharge all hydraulic, electrical, mechanical, or thermal energy prior to beginning work.	✓	N/A
1	If EMS (Energy Management System) exists, run the manufacturers diagnostic software for the wireless system. This diagnostic shall produce a report of all functional aspects of the wireless system indicating faults that should be addressed in this maintenance.		N/A
2	Review all zone set points at the server.		N/A
3	Inspect thermostat installation, ensure mounting is correct, fastened secure and that the thermostat is not blocked by equipment generating heat or furniture blocking air circulation.	✓	N/A
4	Remove thermostat cover and lightly blow away any accumulated dust with canned low pressure air.	✓	N/A
5	Check time-of-day schedule to confirm consistency with facility operation.		N/A
6	Adjust schedule as needed.		N/A
6	If applicable, replace battery as needed.		N/A

Note: The technician shall perform any repairs identified during PM up to \$250 (direct labor and direct material cost) per PM occurrence. For any deficiencies found exceeding \$250 open a corrective maintenance (CM) ticket and include the Asset #, WO #, photos, and a detailed description of the deficiency.
To be performed by: HVAC Technician

Additional Notes:

SET

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ACRUAL

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BK

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST THERMOSTATS

STATE AND BLDG #: WV 053 -01

LOCATION/RM #: 100 WO# 8234 ASSET # 6009

MECHANIC
SIGNATURE: *[Signature]*

DATE: 4/2/13

START TIME: 9:50

FINISH TIME: 10:00

ITEM NO.	DESCRIPTION	STATUS	REMARKS
1	In addition to the procedure(s) outlined in this standard, the equipment shall be strictly adhered.	✓	
2	Follow lock out/tag out procedures at all times. De-energize or discharge all hydraulic, electrical, mechanical, or thermal energy prior to beginning work.	✓	
1	If EMS (Energy Management System) exists, run the manufacturers diagnostic software for the wireless system. This diagnostic shall produce a report of all functional aspects of the wireless system indicating faults that should be addressed in this maintenance.	N/A	
2	Review all zone set points at the server.	N/A	
3	Inspect thermostat installation, ensure mounting is correct, fastened secure and that the thermostat is not blocked by equipment generating heat or furniture blocking air circulation.	✓	
4	Remove thermostat cover and lightly blow away any accumulated dust with canned low pressure air.	✓	
5	Check time-of-day schedule to confirm consistency with facility operation.	✓	
6	Adjust schedule as needed.	N/A	
	If applicable, replace battery as needed.	N/A	

Note: The technician shall perform any repairs identified during PM up to \$250 (direct labor and direct material cost) per PM occurrence. For any deficiencies found exceeding \$250 open a corrective maintenance (CM) ticket and include the Asset #, WO #, photos, and a detailed description of the deficiency.

To be performed by: HVAC Technician

Additional Notes:

Ser 62 120401 64

BK

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST THERMOSTATS

SITE AND BLDG #: WU 053-01

LOCATION/ROOM #: 101 WO# 8234 ASSET # 6005

MECHANIC
SIGNATURE: *[Signature]*

DATE: 4/2/18

START TIME: 10:00

FINISH TIME: 10:10

ITEM NO.	DESCRIPTION	DATE (MM/DD/YY)		STATUS
		DATE	TIME	
1	In addition to the procedure(s) outlined in this standard, the equipment manufacturer's recommended maintenance procedure(s) and/or instruction(s) shall be strictly adhered.			
2	Follow lock out/tag out procedures at all times. De-energize or discharge all hydraulic, electrical, mechanical, or thermal energy prior to beginning work.			✓
1	If EMS (Energy Management System) exists, run the manufacturers diagnostic software for the wireless system. This diagnostic shall produce a report of all functional aspects of the wireless system indicating faults that should be addressed in this maintenance.			N/A
2	Review all zone set points at the server.			N/A
3	Inspect thermostat installation, ensure mounting is correct, fastened secure and that the thermostat is not blocked by equipment generating heat or furniture blocking air circulation.			✓
4	Remove thermostat cover and lightly blow away any accumulated dust with canned low pressure air.			✓
5	Check time-of-day schedule to confirm consistency with facility operation.			✓
6	Adjust schedule as needed.			✓
	If applicable, replace battery as needed.			N/A

Note: The technician shall perform any repairs identified during PM up to \$250 (direct labor and direct material cost) per PM occurrence. For any deficiencies found exceeding \$250 open a corrective maintenance (CM) ticket and include the Asset #, WO #, photos, and a detailed description of the deficiency.

To be performed by: HVAC Technician

Additional Notes:

Set 60 Across 61.2

BK

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST THERMOSTATS

SITE AND BLDG #: WV 053-01

LOCATION/RM #: 104 WO# 8234 ASSET # 6006

MECHANIC
SIGNATURE: *[Signature]*

DATE: 4/2/19

START TIME: 10:10

FINISH TIME: 10:20

ITEM #	DESCRIPTION	STATUS	REMARKS
1	In addition to the procedure(s) outlined in this standard, the equipment manufacturer's recommended maintenance procedure(s) and/or instruction(s) shall be strictly adhered.		
2	Follow lock out/tag out procedures at all times. De-energize or discharge all hydraulic, electrical, mechanical, or thermal energy prior to beginning work.	✓	
1	If EMS (Energy Management System) exists, run the manufacturers diagnostic software for the wireless system. This diagnostic shall produce a report of all functional aspects of the wireless system indicating faults that should be addressed in this maintenance.	N/A	
2	Review all zone set points at the server.	N/A	
3	Inspect thermostat installation, ensure mounting is correct, fastened secure and that the thermostat is not blocked by equipment generating heat or furniture blocking air circulation.	N/A	
4	Remove thermostat cover and lightly blow away any accumulated dust with canned low pressure air.	✓	
5	Check time-of-day schedule to confirm consistency with facility operation.	✓	
6	Adjust schedule as needed.	N/A	
6	If applicable, replace battery as needed.	N/A	

Note: The technician shall perform any repairs identified during PM up to \$250 (direct labor and direct material cost) per PM occurrence. For any deficiencies found exceeding \$250 open a corrective maintenance (CM) ticket and include the Asset #, WO #, photos, and a detailed description of the deficiency.

To be performed by: HVAC Technician

Additional Notes:

Set

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PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST THERMOSTATS

SITE AND BLDG #: WU 053.01

LOCATION/RM #: 105 WO# 8234 ASSET # 6607

MECHANIC
SIGNATURE: *[Signature]*

DATE: 9/2/19

START TIME: 10:20

FINISH TIME: 10:30

ITEM NO.	DESCRIPTION	STATUS	REMARKS
1	In addition to the procedure(s) outlined in this standard, the equipment manufacturer's recommended maintenance procedure(s) and/or instruction(s) shall be strictly adhered.		
2	Follow lock out/tag out procedures at all times. De-energize or discharge all hydraulic, electrical, mechanical, or thermal energy prior to beginning work.		
1	If EMS (Energy Management System) exists, run the manufacturers diagnostic software for the wireless system. This diagnostic shall produce a report of all functional aspects of the wireless system indicating faults that should be addressed in this maintenance.	N/A	
2	Review all zone set points at the server.		
3	Inspect thermostat installation, ensure mounting is correct, fastened secure and that the thermostat is not blocked by equipment generating heat or furniture blocking air circulation.	N/A	
4	Remove thermostat cover and lightly blow away any accumulated dust with canned low pressure air.		
5	Check time-of-day schedule to confirm consistency with facility operation.		
6	Adjust schedule as needed.		
6	If applicable, replace battery as needed.	N/A	

Note: The technician shall perform any repairs identified during PM up to \$250 (direct labor and direct material cost) per PM occurrence. For any deficiencies found exceeding \$250 open a corrective maintenance (CM) ticket and include the Asset #, WO #, photos, and a detailed description of the deficiency.

To be performed by: HVAC Technician

Additional Notes:

SET 68

ACTUAL

69.2

BK

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST THERMOSTATS

SITE AND BLDG #: W0083-01

LOCATION/RM #: 108

WO# 8234

ASSET # 6008

MECHANIC
SIGNATURE: *[Signature]*

DATE: 4/2/19

START TIME: 10:30

FINISH TIME: 10:40

ITEM #	DESCRIPTION	YES	NO
1	In addition to the procedure(s) outlined in this standard, the equipment manufacturer's recommended maintenance procedure(s) and/or instruction(s) shall be strictly adhered.		
2	Follow lock out/tag out procedures at all times. De-energize or discharge all hydraulic, electrical, mechanical, or thermal energy prior to beginning work.	✓	
1	If EMS (Energy Management System) exists, run the manufacturer's diagnostic software for the wireless system. This diagnostic shall produce a report of all functional aspects of the wireless system indicating faults that should be addressed in this maintenance.	N/A	
2	Review all zone set points at the server.	N/A	
3	Inspect thermostat installation, ensure mounting is correct, fastened secure and that the thermostat is not blocked by equipment generating heat or furniture blocking air circulation.	✓	N/A
4	Remove thermostat cover and lightly blow away any accumulated dust with canned low pressure air.	✓	
5	Check time-of-day schedule to confirm consistency with facility operation.		
6	Adjust schedule as needed.		
6	If applicable, replace battery as needed.	N/A	

Note: The technician shall perform any repairs identified during PM up to \$250 (direct labor and direct material cost) per PM occurrence. For any deficiencies found exceeding \$250 open a corrective maintenance (CM) ticket and include the Asset #, WO #, photos, and a detailed description of the deficiency.

To be performed by: HVAC Technician

Additional Notes:

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PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST THERMOSTATS

SITE AND BLDG #: 600 053 -01

LOCATION/RM #: 126 WO# 9239 ASSET # 6009

MECHANIC
SIGNATURE: *[Signature]*

DATE: 4/2/19

START TIME: 10:40

FINISH TIME: 10:50

ITEM #	DESCRIPTION	COMPL. DATE	STATUS
1	In addition to the procedure(s) outlined in this standard, the equipment manufacturer's recommended maintenance procedure(s) and/or instruction(s) shall be strictly adhered.		
2	Follow lock out/tag out procedures at all times. De-energize or discharge all hydraulic, electrical, mechanical, or thermal energy prior to beginning work.	✓	
1	If EMS (Energy Management System) exists, run the manufacturers diagnostic software for the wireless system. This diagnostic shall produce a report of all functional aspects of the wireless system indicating faults that should be addressed in this maintenance.	N/A	
2	Review all zone set points at the server.		
3	Inspect thermostat installation, ensure mounting is correct, fastened secure and that the thermostat is not blocked by equipment generating heat or furniture blocking air circulation.	N/A	
4	Remove thermostat cover and lightly blow away any accumulated dust with canned low pressure air.	✓	
5	Check time-of-day schedule to confirm consistency with facility operation.	✓	
6	Adjust schedule as needed.		
6	If applicable, replace battery as needed.	N/A	

Note: The technician shall perform any repairs identified during PM up to \$250 (direct labor and direct material cost) per PM occurrence. For any deficiencies found exceeding \$250 open a corrective maintenance (CM) ticket and include the Asset #, WO #, photos, and a detailed description of the deficiency.

To be performed by: HVAC Technician

Additional Notes:

Ser

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AC tune

C.O.S

BK