

**CERTIFICATION OF WORK  
PREVENTIVE MAINTENANCE**

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

FACID/Building: PA051-194 Date of Visit: ~~3-11-19~~ 4-8-19

Contractor Personnel on Site:

- |                          |          |
|--------------------------|----------|
| 1. <u>Dominic Stango</u> | 3. _____ |
| 2. <u>Scott Rinders</u>  | 4. _____ |

**Work Performed:**

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

1. WO# 8272
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_

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**CERTIFICATION OF WORK**

To be signed by the Contractor:

Print Name: Dominic Stango Date: 4-8-19

Signed: Dominic Stango

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: CPL VALDES, EDDY R Date: 20190408

Signed: [Signature]

E-Mail: eddy.valdes@usmc.mil

Zone	Location	WO #	Asset #	PM #	Model Number	Serial #	Asset Description	Tech Name/ Company	Tech Scheduled Onsite
B5	PA051-19401	8272	5483	PM-AN-5483			J-1502000-17 1-pc Thermostat Analog	Kenders/Sentry	4/8 thru 4/12
B5	PA051-19401	8272	5483	PM-AN-5483			J-1502000-17 1-pc Thermostat Analog	Kenders/Sentry	4/8 thru 4/12
B5	PA051-19401	8272	5483	PM-AN-5483			J-1502000-17 1-pc Thermostat Analog	Kenders/Sentry	4/8 thru 4/12
B5	PA051-19401	8272	5483	PM-AN-5483			J-1502000-17 1-pc Thermostat Analog	Kenders/Sentry	4/8 thru 4/12
B5	PA051-19401	8272	5483	PM-AN-5483			J-1502000-17 1-pc Thermostat Analog for UH Rm 120A	Kenders/Sentry	4/8 thru 4/12
B5	PA051-19401	8272	5483	PM-AN-5483			J-1502000-17 1-pc Thermostat Analog for VAV 03-05	Kenders/Sentry	4/8 thru 4/12
B5	PA051-19401	8272	5483	PM-AN-5483			J-1502000-17 1-pc Thermostat Analog for VAV 1-05	Kenders/Sentry	4/8 thru 4/12
B5	PA051-19401	8272	5483	PM-AN-5483			J-1502000-17 1-pc Thermostat Analog for VAV 1-09	Kenders/Sentry	4/8 thru 4/12
B5	PA051-19401	8272	5483	PM-AN-5483			J-1502000-17 1-pc Thermostat Analog for VAV 1-12	Kenders/Sentry	4/8 thru 4/12
B5	PA051-19401	8272	5483	PM-AN-5483			J-1502000-17 1-pc Thermostat Analog for VAV 1-13, 14, 16, 17 for R 113, 114, 115	Kenders/Sentry	4/8 thru 4/12
B5	PA051-19401	8272	5483	PM-AN-5483			J-1502000-17 1-pc Thermostat Analog for VAV 1-15	Kenders/Sentry	4/8 thru 4/12
B5	PA051-19401	8272	5483	PM-AN-5483			J-1502000-17 1-pc Thermostat Analog for VAV 1-19	Kenders/Sentry	4/8 thru 4/12
B5	PA051-19401	8272	5483	PM-AN-5483			J-1502000-17 1-pc Thermostat Analog for VAV 2-02	Kenders/Sentry	4/8 thru 4/12
B5	PA051-19401	8272	5483	PM-AN-5483			J-1502000-17 1-pc Thermostat Analog for VAV 2-12	Kenders/Sentry	4/8 thru 4/12
B5	PA051-19401	8272	5483	PM-AN-5483			J-1502000-17 1-pc Thermostat Analog for VAV 1-18	Kenders/Sentry	4/8 thru 4/12
B5	PA051-19401	8272	5483	PM-AN-5483			J-1502000-17 1-pc Thermostat Analog for VAV 1-25	Kenders/Sentry	4/8 thru 4/12
B5	PA051-19401	8272	5483	PM-AN-5483			J-1502000-17 1-pc Thermostat Analog for VAV 2-10	Kenders/Sentry	4/8 thru 4/12
B5	PA051-19401	8272	5483	PM-AN-5483			J-1502000-17 1-pc Thermostat Analog for VAV 2-11	Kenders/Sentry	4/8 thru 4/12
B5	PA051-19401	8272	5483	PM-AN-5483			J-1502000-17 1-pc Thermostat Analog for VAVRC-20	Kenders/Sentry	4/8 thru 4/12
B5	PA051-19401	8272	5483	PM-AN-5483			J-1502000-17 1-pc Thermostat Analog for wall heater	Kenders/Sentry	4/8 thru 4/12
B5	PA051-19401	8272	5483	PM-AN-5483			J-1502000-17 1-pc Thermostat Analog for wall heater	Kenders/Sentry	4/8 thru 4/12
B5	PA051-19401	8272	5483	PM-AN-5483			J-1502000-17 1-pc Thermostat Analog for ceiling LiebertAC	Kenders/Sentry	4/8 thru 4/12
B5	PA051-19401	8272	5483	PM-AN-5483			J-1502000-17 1-pc Thermostat Analog for wall heater	Kenders/Sentry	4/8 thru 4/12
B5	PA051-19401	8272	5483	PM-AN-5483			J-1502000-17 2-pc Thermostat Analog for wall heater	Kenders/Sentry	4/8 thru 4/12
B5	PA051-19401	8272	5483	PM-AN-5483			J-1502000-17 3-pc Thermostat Analog for UH	Kenders/Sentry	4/8 thru 4/12

HW VALVE → MECHANICAL

Room !!!

204 no asset tag

201 no tag

205 no tag

up stairs Hall no tag

101 no tag

waiting area no tag

102 no tag

113 no tag

117 no tag

Stairwell no tag

108 no tag

mezz no tag

121 no tag

# **PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST** **THERMOSTATS**

SITE AND BLDG #: Pc(51)-194MECHANIC SIGNATURE: DATE: 4-8-19LOCATION/RM #: entrance WO# 5272 ASSET # 5790START TIME: 1:40FINISH TIME: 1:45

CHECK POINT	CHECKPOINT DESCRIPTION	TASK COMPLETE		NOTES/ ACTIONS  (IF TASK COMPLETE IS CHECKED NO, PROVIDE EXPLANATION)
		YES	NO	
		SPECIAL INSTRUCTIONS		
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.	<input checked="" type="checkbox"/>		
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.	<input checked="" type="checkbox"/>		
TO BE PERFORMED AT EACH INSPECTION SERVICE				
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.	<input checked="" type="checkbox"/>		
2	Review all zone set points at the server.	<input checked="" type="checkbox"/>		
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.	<input checked="" type="checkbox"/>		
4	Remove thermostat cover and lightly blow away any accumulated dust with canned low pressure air.	<input checked="" type="checkbox"/>		
5	Check time-of-day schedule to confirm consistency with facility operation. Adjust schedule as needed.	<input checked="" type="checkbox"/>		
6	If applicable, replace battery as needed.	<input checked="" type="checkbox"/>		

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:

# **PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST** **THERMOSTATS**

SITE AND BLDG #: PA051-19401MECHANIC SIGNATURE: Sert Kardus DATE: 4/8/19LOCATION/RM #: 202 WO# 8272 ASSET # 5805START TIME: 12 30FINISH TIME: 1235

CHECK POINT	CHECKPOINT DESCRIPTION	TASK COMPLETE		NOTES/ ACTIONS (IF TASK COMPLETE IS CHECKED NO, PROVIDE EXPLANATION)
		YES	NO	
SPECIAL INSTRUCTIONS				
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.	✓		
TO BE PERFORMED AT EACH INSPECTION SERVICE				
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. Adjust schedule as needed.	✓		
6	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:

# **PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST** **THERMOSTATS**

SITE AND BLDG #: PA051-19401

MECHANIC  
SIGNATURE: Scott Lindus

DATE: 4/8/19

LOCATION/RM #: 212 WO# 8272 ASSET # 5807

START TIME: 1240

FINISH TIME: 1245

CHECK POINT	CHECKPOINT DESCRIPTION	TASK COMPLETE		NOTES/ ACTIONS (IF TASK COMPLETE IS CHECKED NO, PROVIDE EXPLANATION)
		YES	NO	
<b>TO BE PERFORMED AT EACH INSPECTION SERVICE</b>				
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. Adjust schedule as needed.			
6	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:

# **PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST** **THERMOSTATS**

SITE AND BLDG #: PA051-19401MECHANIC SIGNATURE: Scott Lundberg DATE: 4/8/19LOCATION/RM #: 118 WO# 8272 ASSET # 5821START TIME: 1245 FINISH TIME: 1250

CHECK POINT	CHECKPOINT DESCRIPTION	TASK COMPLETE		NOTES/ ACTIONS  (IF TASK COMPLETE IS CHECKED NO, PROVIDE EXPLANATION)
		YES	NO	
SPECIAL INSTRUCTIONS				
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.	✓		
TO BE PERFORMED AT EACH INSPECTION SERVICE				
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. Adjust schedule as needed.	✓		
6	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:

# **PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST** **THERMOSTATS**

SITE AND BLDG #: PA051-19401MECHANIC  
SIGNATURE: Scott HendersonDATE: 4/8/19LOCATION/RM #: 125 WO# 58825 ASSET # 58825START TIME: 12 50FINISH TIME: 12 55

CHECK POINT	CHECKPOINT DESCRIPTION	TASK COMPLETE		NOTES/ACTIONS  (IF TASK COMPLETE IS CHECKED NO, PROVIDE EXPLANATION)
		YES	NO	
SPECIAL INSTRUCTIONS				
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.	✓		
TO BE PERFORMED AT EACH INSPECTION SERVICE				
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. Adjust schedule as needed.	✓		
6	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:



# PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST THERMOSTATS

SITE AND BLDG #: PA051-19401 MECHANIC SIGNATURE: Scott Luskus DATE: 4/8/19  
LOCATION/RM #: 210 WO# ASSET # 5835 START TIME: 12 55 FINISH TIME: 1

CHECK POINT	CHECKPOINT DESCRIPTION	TASK COMPLETE		NOTES/ ACTIONS (IF TASK COMPLETE IS CHECKED NO, PROVIDE EXPLANATION)
		YES	NO	
SPECIAL INSTRUCTIONS				
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.	<input checked="" type="checkbox"/>		
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.	<input checked="" type="checkbox"/>		
TO BE PERFORMED AT EACH INSPECTION SERVICE				
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.	<input checked="" type="checkbox"/>		
2	Review all zone set points at the server.	<input checked="" type="checkbox"/>		
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.	<input checked="" type="checkbox"/>		
4	Remove thermostat cover and lightly blow away any accumulated dust with canned low pressure air.	<input checked="" type="checkbox"/>		
5	Check time-of-day schedule to confirm consistency with facility operation. Adjust schedule as needed.	<input checked="" type="checkbox"/>		
6	If applicable, replace battery as needed.	<input checked="" type="checkbox"/>		

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:



# **PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST** **THERMOSTATS**

SITE AND BLDG #:

PHOS1-19401MECHANIC  
SIGNATURE:Scott PerkinsDATE: 4/8/19

LOCATION/RM #:

211 WO# 8272 ASSET # 8836

START TIME:

1

FINISH TIME:

1:05

CHECK POINT	CHECKPOINT DESCRIPTION	TASK COMPLETE		NOTES/ ACTIONS (IF TASK COMPLETE IS CHECKED NO. PROVIDE EXPLANATION)
		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.	<input checked="" type="checkbox"/>		
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.	<input checked="" type="checkbox"/>		
<b>TO BE PERFORMED AT EACH INSPECTION SERVICE</b>				
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.	<input checked="" type="checkbox"/>		
2	Review all zone set points at the server.	<input checked="" type="checkbox"/>		
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.	<input checked="" type="checkbox"/>		
4	Remove thermostat cover and lightly blow away any accumulated dust with canned low pressure air.	<input checked="" type="checkbox"/>		
5	Check time-of-day schedule to confirm consistency with facility operation.	<input checked="" type="checkbox"/>		
6	Adjust schedule as needed.	<input checked="" type="checkbox"/>		
	If applicable, replace battery as needed.	<input checked="" type="checkbox"/>		

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:

# **PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST** **THERMOSTATS**

SITE AND BLDG #: PA051-19401

MECHANIC SIGNATURE: Scott Kurlus

DATE: 4/8/19

LOCATION/RM #: ME22 WO# 8272 ASSET # 5846

START TIME: 105

FINISH TIME: 110

CHECK POINT	CHECKPOINT DESCRIPTION	TASK COMPLETE		NOTES/ ACTIONS  (IF TASK COMPLETE IS CHECKED NO, PROVIDE EXPLANATION)
		YES	NO	
		SPECIAL INSTRUCTIONS		
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.	✓		
TO BE PERFORMED AT EACH INSPECTION SERVICE				
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. Adjust schedule as needed.	✓		
6	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: