

CERTIFICATION OF WORK
PREVENTIVE MAINTENANCE

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

FACID/Building: FA0061-194 Date of Visit: 4-8-19

Contractor Personnel on Site:

1. <u>Dominic Stango</u>	3. _____
2. <u>Scott Renders</u>	4. _____

Work Performed:

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

1. WOT# 8272
2. _____
3. _____
4. _____
5. _____

CERTIFICATION OF WORK

To be signed by the Contractor:

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

Signed: Dominic N 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: Eddy R Valdes

E-Mail: eddy.valdes@usmc.mil

Zone	Location	WO #	Asset #	PM #	Model #	Serial #	Asset Description	Tech Name/ Company	Tech Scheduled Onsite
B5	PA051-19401	8272	5483	PM-AN-5483	boiler	J-1502000-17-11-pc Thermostat Analog	Kanders/Sentry	4/8 thru 4/12	
B5	PA051-19401	8272	5486	PM-AN-5483	boiler	J-1502000-17-11-pc Thermostat Analog	Kanders/Sentry	4/8 thru 4/12	
B5	PA051-19401	8272	5490	PM-AN-5483	boiler	J-1502000-17-11-pc Thermostat Analog	Kanders/Sentry	4/8 thru 4/12	
B5	PA051-19401	8272	5497	PM-AN-5483	boiler	J-1502000-17-11-pc Thermostat Analog	Kanders/Sentry	4/8 thru 4/12	
B5	PA051-19401	8272	5755	PM-AN-5483	boiler	J-1502000-17-11-pc Thermostat Analog for UH Rm 120A	Kanders/Sentry	4/8 thru 4/12	
B5	PA051-19401	8272	5757	PM-AN-5483	boiler	J-1502000-17-11-pc Thermostat Analog for VAV-03-05	Kanders/Sentry	4/8 thru 4/12	
B5	PA051-19401	8272	5772	PM-AN-5483	boiler	J-1502000-17-11-pc Thermostat Analog for VAV-1-05	Kanders/Sentry	4/8 thru 4/12	
B5	PA051-19401	8272	5777	PM-AN-5483	boiler	J-1502000-17-11-pc Thermostat Analog for VAV-1-09	Kanders/Sentry	4/8 thru 4/12	
B5	PA051-19401	8272	5782	PM-AN-5483	boiler	J-1502000-17-11-pc Thermostat Analog for VAV-1-12	Kanders/Sentry	4/8 thru 4/12	
B5	PA051-19401	8272	5786	PM-AN-5483	boiler	J-1502000-17-11-pc Thermostat Analog for VAV-1-13, 14, 16, 17 for R 113, 114, 115	Kanders/Sentry	4/8 thru 4/12	
B5	PA051-19401	8272	5787	PM-AN-5483	boiler	J-1502000-17-11-pc Thermostat Analog for VAV-1-15	Kanders/Sentry	4/8 thru 4/12	
B5	PA051-19401	8272	5788	PM-AN-5483	boiler	J-1502000-17-11-pc Thermostat Analog for VAV-1-19	Kanders/Sentry	4/8 thru 4/12	
B5	PA051-19401	8272	5790	PM-AN-5483	boiler	J-1502000-17-11-pc Thermostat Analog for VAV-1-19	Kanders/Sentry	4/8 thru 4/12	
B5	PA051-19401	8272	5805	PM-AN-5483	boiler	J-1502000-17-11-pc Thermostat Analog for VAV-2-02	Kanders/Sentry	4/8 thru 4/12	
B5	PA051-19401	8272	5807	PM-AN-5483	boiler	J-1502000-17-11-pc Thermostat Analog for VAV-2-12	Kanders/Sentry	4/8 thru 4/12	
B5	PA051-19401	8272	5821	PM-AN-5483	boiler	J-1502000-17-11-pc Thermostat Analog for VAV-1-18	Kanders/Sentry	4/8 thru 4/12	
B5	PA051-19401	8272	5825	PM-AN-5483	boiler	J-1502000-17-11-pc Thermostat Analog for VAV1-25	Kanders/Sentry	4/8 thru 4/12	
B5	PA051-19401	8272	5836	PM-AN-5483	boiler	J-1502000-17-11-pc Thermostat Analog for VAV2-10	Kanders/Sentry	4/8 thru 4/12	
B5	PA051-19401	8272	5836	PM-AN-5483	boiler	J-1502000-17-11-pc Thermostat Analog for VAV2-11	Kanders/Sentry	4/8 thru 4/12	
B5	PA051-19401	8272	5846	PM-AN-5483	boiler	J-1502000-17-11-pc Thermostat Analog for VAVRC-20	Kanders/Sentry	4/8 thru 4/12	
B5	PA051-19401	8272	5847	PM-AN-5483	boiler	J-1502000-17-11-pc Thermostat Analog for wall heater	Kanders/Sentry	4/8 thru 4/12	
B5	PA051-19401	8272	5848	PM-AN-5483	boiler	J-1502000-17-11-pc Thermostat Analog for wall heater	Kanders/Sentry	4/8 thru 4/12	
B5	PA051-19401	8272	5924	PM-AN-5483	boiler	J-1502000-17-11-pc Thermostat Analog Rm 120A	Kanders/Sentry	4/8 thru 4/12	
B5	PA051-19401	8272	6131	PM-AN-5483	boiler	J-1502000-17-11-pc Thermostat Digital for ceiling LiebertAC	Kanders/Sentry	4/8 thru 4/12	
B5	PA051-19401	8272	6263	PM-AN-5483	boiler	J-1502000-17-12-pc Thermostat Analog for wallheater	Kanders/Sentry	4/8 thru 4/12	
B5	PA051-19401	8272	6316	PM-AN-5483	boiler	J-1502000-17-13-pc Thermostat Analog for UH	Kanders/Sentry	4/8 thru 4/12	

HW VALUE → MECHANICAL

Room 111

101 no tag
waiting area no tag

102 no tag
113 no tag

117 no tag

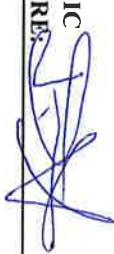
Stair well no tags
108 no tag

MEZ no tag
121 no tag

HW VALUE → MECHANICAL

204 no asset tag
201 no tag
205 no tag
up stairs is tag all no tag

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST
THERMOSTATS

SIGNATURE: 

SITE AND BLDG #: BoB51-104

LOCATION/RM #: entrance **WO#** 8272 **ASSET #** 5790

START TIME: 11:40

DATE: 5-8-19

FINISH TIME: 11:45

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"/>		
TO BE PERFORMED AT EACH INSPECTION SERVICE				
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.	<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	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 #: 9A051-19401

MECHANIC SIGNATURE: Scott Kerecda **DATE:** 4/8/19

LOCATION/RM #: 202 **WO#** 8272 **ASSET #** 5805

START TIME: 12 30 **FINISH TIME:** 1235

CHECK POINT	CHECKPOINT DESCRIPTION	TASK COMPLETE		SPECIAL INSTRUCTIONS	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.	✓			
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 #: 9A051-1A401

MECHANIC SIGNATURE: Scott Kuehne **DATE:** 4/8/19

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

START TIME: 12 40 **FINISH TIME:** 1245

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.			
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 Kinsler **DATE:** 4/8/19

LOCATION/RM #: 118 **WO#** 8272 **ASSET #** 5821

START TIME: 12:45 **FINISH TIME:** 12:50

CHECK POINT	CHECK POINT DESCRIPTION	TO BE PERFORMED AT EACH INSPECTION SERVICE		NOTES/ ACTIONS (IF TASK COMPLETE IS CHECKED NO. PROVIDE EXPLANATION)
		TASK COMPLETE YES	TASK COMPLETE 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.	✓		
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.	✓		
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

LOCATION/RM #: 125

WO# 5825 **ASSET #** 5825

START TIME: 12:50

FINISH TIME: 12:55

MECHANIC SIGNATURE: *Scott Kunkles* **DATE:** 4/8/19

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.	✓		
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 #: Phase 1 - R401

MECHANIC SIGNATURE: Scott Kershner **DATE:** 4/8/19

LOCATION/RM #: 210 **WO#** **ASSET #** 5835

START TIME: 12:55 **FINISH TIME:** /

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.	✓		
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.	✓		
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 #: Pha051 - 19401

MECHANIC SIGNATURE: Scott Kunkel **DATE:** 4/8/19

LOCATION/RM #: 211 **WO#** 8272 **ASSET #** 5836

START TIME: 1 **FINISH TIME:** 105

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.	✓		
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 - 1A401

MECHANIC SIGNATURE: Scott Kovalus **DATE:** 4/8/19

LOCATION/RM #: MEZZ. **WO#** 8277 **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	
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: