Healthcare Licensing and Surveys

STATEMENT OF DEFICIENCIES AND PLAN OF CORRECTION	(X1) PROVIDER/SUPPLIER/CLIA IDENTIFICATION NUMBER:	(X2) MULTIPLE CONSTRUCTION	(X3) DATE SURVEY COMPLETED
	WY0024	A. BUILDING: _____ B. WING _____	04/02/2014

NAME OF PROVIDER OR SUPPLIER	STREET ADDRESS, CITY, STATE, ZIP CODE
POWELL VALLEY CARE CENTER	777 AVENUE H POWELL, WY 82435

(X4) ID PREFIX TAG	SUMMARY STATEMENT OF DEFICIENCIES (EACH DEFICIENCY MUST BE PRECEDED BY FULL REGULATORY OR LSC IDENTIFYING INFORMATION)	ID PREFIX TAG	PROVIDER'S PLAN OF CORRECTION (EACH CORRECTIVE ACTION SHOULD BE CROSS-REFERENCED TO THE APPROPRIATE DEFICIENCY)	(X5) COMPLETE DATE
S3059	Ch 19 Sec 7 Construction/Remodeling Department of Health Chapter III, Construction Rules for Health Facilities apply. This State Rule and Regulation is not met as evidenced by: Based on observation and staff interview, the facility failed to maintain the existing plumbing and mechanical systems in a manner that is both in accordance with the original design and in a safe and sanitary condition. The findings were: 1. Observation of AHU-1 through 4 and HX-1 in the Air Handling Unit Room on 04/02/14 at 2:00 PM revealed that the cooling coil condensate traps were not adequately sized to accommodate the negative pressure generated by the supply fan. As a result, negative pressure developed by the supply air fan was drawing untreated air into the air handling unit through the condensate drain piping which will prevent the condensate from draining properly during cooling coil operation. Additionally, no service tee was provided with a capped port to allow for the addition of water to maintain the trap seal during periods of minimal cooling coil operation. Information is available at the following link for the facility to verify the trap dimensions required for proper operation http:/0323c7c.netsolhost.com/docs/Trane_-_Trapping_Design_Flaws%5B1%5D.pdf <http://0323c7c.netsolhost.com/docs/Trane_-_Trapping_Design_Flaws%5B1%5D.pdf> . Interview with the facility maintenance staff at the time of the observation confirmed that the traps were operating under negative pressure and allowing airflow through the drainage piping. (Reference IMC, Section 307 and IPC, Section 1002)	S3059	The facility shall ensure that existing plumbing and mechanical systems are maintained in a manner that is both in accordance with the original design and in a safe and sanitary condition. 1. A. The Engineering Technician will install the cooling coil condensation traps in accordance with the required dimensions. B. All residents, visitors, and staff members have the potential to be affected by failure to ensure that existing plumbing and mechanical systems are maintained in a manner that is both in accordance with the original design and in a safe and sanitary condition C. Education will be provided to all Engineering Technicians regarding the need to ensure that traps are not operating under negative pressure and to ensure proper draining through regular visual inspections. The Plant Operations Director or designee will perform monthly visual inspections of the air handling units. D. The Plant Operations Director will aggregate monthly data and report results to the Administrator, Care Center Medical Director, and Quality	

LABORATORY DIRECTOR'S OR PROVIDER/SUPPLIER REPRESENTATIVE'S SIGNATURE: Nicole Ostermiller — TITLE: Administrator — (X6) DATE: 5/20/14

POC ACCEPTED ON 05/27/14 W/NICOLE OSTERMILLER. JW

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S3059	Continued From page 1 2. Observation of the atmospheric vacuum breakers throughout the facility on 04/02/14 at 2:25 PM and throughout the survey revealed that no policy has been provided for routine inspection and maintenance of the existing vacuum breakers to ensure proper operation and backflow prevention. Interview with the facility maintenance staff at the time of the first observation confirmed that no policy was available. 3. Observation of the Boiler Room on 04/02/14 at 2:30 PM revealed that a new forced-draft gas-fired water heater, gas-fired boiler, and hot water storage tank for domestic hot water generation had been installed within the past four months without the required plan submittal for HLS review. Upon further investigation, it was identified that all combustion air for the space was provided via a blower coil unit with recirculation and ducted outside air. Also, the space was provided with an exhaust fan which operated continuously. Other gas-fired appliances within the space included (2) 105 BHP scotch marine boilers and an additional water heater for a total input rating of 4,250,000 Btuh. It could not be established that the ducted outside air portion of the blower coil provided 1 cfm/sq.ft. of combustion air as required by the 2006 IMC, Section 706.1 in additional to space ventilation requirements and also in addition to the make-up air required for the exhaust fan to prevent the space from becoming negatively pressurized. Additionally, per Section 706.1 all forced combustion air systems must be interlocked to each appliance to prevent operation of the appliance when the mechanical ventilation system is not in operation. Interview with the facility maintenance staff at the time of the	S3059	Cont. Council quarterly. Quality Council will have the overall responsibility to ensure the facility is in compliance. Completion Date 2. A. The Plant Operations Director will develop a policy for the routine inspection and maintenance of vacuum breakers. B. All residents, staff, and visitors have the potential to be affected by lack of a policy for routine inspection and maintenance of vacuum breakers. C. Education will be provided to all Engineering Technicians regarding the policy once developed. The Plant Operations Director or designee will perform monthly audits to ensure routine maintenance and inspection is completed in accordance with the policy. D. The Plant Operations Director will aggregate random monthly data and report results to the Administrator, Care Center Medical Director, and Quality Council quarterly. Quality Council will have the overall responsibility to ensure the facility is in compliance. Completion Date	05/26/2014 05/26/2014

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S3059	Continued From page 2 observation confirmed that the equipment manufacturers were also concerned about the combustion air and have discussed voiding all warranties due to the inadequate design. At the time of the observation, the facility maintenance staff confirmed that the forced combustion air system is not provided with the required interlocks. 4. Observation of the emergency eye wash in the Boiler Room on 04/02/14 at 2:43 PM revealed that tepid water was not provided via an ASSE 1071 mixing valve in compliance with ANSI Z358.1. At the time of the observation, the facility maintenance staff confirmed that the eyewash was connected only to the cold water supply piping. On-site measurement of the eyewash revealed that the water temperature was 40°F versus a required temperature range of 60° to 100°F. (Reference 2006 IPC, Section 411) 5. Observation of the emergency eye wash in the Janitor ' s Closet adjacent to the Boiler Room on 04/02/14 at 2:45 PM revealed that tepid water was not provided via an ASSE 1071 mixing valve in compliance with ANSI Z358.1. At the time of the observation, the facility maintenance staff confirmed that the eyewash was connected only to the cold water supply piping. On-site measurement of the eyewash revealed that the water temperature was 40°F versus a required temperature range of 60° to 100°F. (Reference 2006 IPC, Section 411) 6. Observation of the hand sink located in the Physical Therapy Room on 04/02/14 at 3:05 PM revealed that a faucet-mounted eyewash had been installed without a tempering device in compliance with ANSI Z358.1. The faucet-mounted eyewash requires the user to	S3059	3. A. The plans for this existing project will be submitted to HLS for review. Combustion air will be provided at 1cfm/sq. ft. as required to prevent the space from becoming negatively pressurized. Mechanical air supply will be interlocked with all gas-fired equipment within the space. B. All residents, staff, and visitors have the potential to be affected by failure to ensure existing plumbing and mechanical systems are maintained in a manner that is both in accordance with the original design and in a safe and sanitary condition. C. The Plant Operations Director or designee will perform monthly visual safety inspections of the boiler room. D. The Plant Operations Director will aggregate random monthly data and report results to the Administrator, Care Center Medical Director, and Quality Council quarterly. Quality Council will have the overall responsibility to ensure the facility is in compliance. Completion Date 4. A. An ASSE 1071 mixing valve will be installed on the emergency eye wash station in the Boiler Room.	Waiver Requested.

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S3059	Continued From page 3 manually adjust both the hot and cold water valves to achieve the proper supply temperature. Interview with the facility maintenance staff at the time of the observation verified that the eyewash was not provided with the required tempering valve. (Reference 2006 IPC, Section 411) 7. Observation of the hand sink located in the Activities Room on 04/02/14 at 3:12 PM revealed that a faucet-mounted eyewash had been installed without a tempering device in compliance with ANSI Z358.1. The faucet-mounted eyewash requires the user to manually adjust both the hot and cold water valves to achieve the proper supply temperature. Interview with the facility maintenance staff at the time of the observation verified that the eyewash was not provided with the required tempering valve. (Reference 2006 IPC, Section 411) 8. Observation of the hand sink located in the Soiled Linen Room on 04/02/14 at 3:29 PM revealed that a faucet-mounted eyewash had been installed without a tempering device in compliance with ANSI Z358.1. The faucet-mounted eyewash requires the user to manually adjust both the hot and cold water valves to achieve the proper supply temperature. Interview with the facility maintenance staff at the time of the observation verified that the eyewash was not provided with the required tempering valve. (Reference 2006 IPC, Section 411) 9. Observation of the mop service basins in all Janitor Closets throughout the facility on 04/02/14 at 2:45 PM and throughout the survey revealed that a chemical dispensing system was connected to the faucet via a hose and shut-off valve. The faucet was not provided with a vacuum breaker capable of operating under	S3059	B. All residents, staff, and visitors have the potential to be affected by failure to maintain the appropriate water temperature at the eye wash stations. C. The Plant Operations Director or designee will perform monthly visual audits to ensure the water temperature for eye wash stations is between 60 to 100 degrees Fahrenheit. D. The Plant Operations Director will aggregate random monthly data and report results to the Administrator, Care Center Medical Director, and Quality Council quarterly. Quality Council will have the overall responsibility to ensure the facility is in compliance. Completion Date 5. A. An ASSE 1071 mixing valve will be installed on the emergency eye wash station in the Janitor's Closet next to the Boiler Room. B. All residents, staff, and visitors have the potential to be affected by failure to maintain the appropriate water temperature at the eye wash stations.	05/26/2014

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S3059	Continued From page 4 pressure and therefore the means of backflow prevention had been disabled. Additionally, use of the downstream shutoff valve provides the opportunity for the faucet valves to remain open causing a source of cross-connection. Interview with the facility maintenance staff at the time of the observation verified that cross connection had been an issue as cold water was infiltrating the hot water piping and to remedy the situation, the staff had disabled the hot water valve to remain in the closed position. (Reference 2006 IPC Sections 608.6 and 608.13) 10. Observation of the Tub Room on 04/02/14 at 3:24 PM revealed that a new hydrotherapy tub had been installed without submittal to HLS for review per the requirements of the Wyoming Department of Health Chapter 3 Construction Rules and Regulations for Healthcare Facilities. Interview with the facility maintenance staff at the time of the observation revealed that the facility was unaware of the project submittal status. REFERENCES Wyoming Department of Health Chapter (3) Construction Rules and Regulations for Healthcare Facilities Section (2)(a)Applicability These rules shall apply to and govern the construction, remodel, or expansion of healthcare facilities, on and after the effective date of these rules. Section (2)(c) Applicability The incorporation by reference of any external standard intended to be the incorporation of that standard as it is in effect on the effective date of these rules and regulations.	S3059	C. The Plant Operations Director or designee will perform monthly visual audits to ensure the water temperature for eye wash stations is between 60 to 100 degrees Fahrenheit. D. The Plant Operations Director will aggregate random monthly data and report results to the Administrator, Care Center Medical Director, and Quality Council quarterly. Quality Council will have the overall responsibility to ensure the facility is in compliance. 6. Completion Date A. An ASSE 1071 mixing valve will be installed on the emergency eye wash station in the Physical Therapy Room. B. All residents, staff, and visitors have the potential to be affected by failure to maintain the appropriate water temperature at the eye wash stations. C. The Plant Operations Director or designee will perform monthly visual audits to ensure the water temperature for eye wash stations is between 60 to 100 degrees Fahrenheit. Eye wash units shall be activated weekly to verify proper operation and the testing shall be documented.	05/26/2014

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S3059	Continued From page 5 Section (6)(a)(i)(A)Submission of Plans and Specifications Plans and specifications for new construction must be submitted to the Department for evaluation and approval. No construction shall begin prior to approval of the plans by the Department. International Plumbing Code, 2006 Edition 102.3 Maintenance All plumbing systems, materials and appurtenances, both existing and new, and all parts thereof, shall be maintained in proper operating condition in accordance with the original design in a safe and sanitary condition. All devices or safeguards required by this code shall be maintained in compliance with the code edition under which they were installed. The owner or the owner ' s designated agent shall be responsible for maintenance of plumbing systems. To determine compliance with this provision, the code official shall have the authority to require any plumbing system to be reinspected. 102.4 Additions, alterations or repairs Additions, alterations, renovations or repairs to any plumbing system shall conform to that required for a new plumbing system without requiring the existing plumbing system to comply with all the requirements of this code. Additions, alterations or repairs shall not cause an existing system to become unsafe, insanitary or overloaded. Minor additions, alterations, renovations and repairs to existing plumbing systems shall be permitted in the same manner and arrangement as in the existing system, provided that such	S3059	D. The Plant Operations Director will aggregate random monthly data and report results to the Administrator, Care Center Medical Director, and Quality Council quarterly. Quality Council will have the overall responsibility to ensure the facility is in compliance. 7. Completion Date A. An ASSE 1071 mixing valve will be installed on the emergency eye wash station in the Activities Room. B. All residents, staff, and visitors have the potential to be affected by failure to maintain the appropriate water temperature at the eye wash stations. C. The Plant Operations Director or designee will perform monthly visual audits to ensure the water temperature for eye wash stations is between 60 to 100 degrees Fahrenheit. Eye wash units shall be activated weekly to verify proper operation and the testing shall be documented. D. The Plant Operations Director will aggregate random monthly data and report results to the Administrator, Care Center Medical Director, and Quality Council quarterly. Quality	05/26/2014 05/26/2014

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S3059	Continued From page 6 repairs or replacement are not hazardous and are approved. International Mechanical Code, 2006 Edition 102.3 Maintenance Mechanical systems, both existing and new, and parts thereof shall be maintained in proper operating condition in accordance with the original design and in a safe and sanitary condition. Devices or safeguards which are required by this code shall be maintained in compliance with the code edition under which they were installed. The owner or the owner ' s designated agent shall be responsible for maintenance of mechanical systems. To determine compliance with this provision, the code official shall have the authority to require a mechanical system to be reinspected.	S3059	Council will have the overall responsibility to ensure the facility is in compliance. 8. A. An ASSE 1071 mixing valve will be installed on the emergency eye wash station in the Soiled Linen Room. B. All residents, staff, and visitors have the potential to be affected by failure to maintain the appropriate water temperature at the eye wash stations. F. The Plant Operations Director or designee will perform monthly visual audits to ensure the water temperature for eye wash stations is between 60 to 100 degrees Fahrenheit. Eye wash units shall be activated weekly to verify proper operation and the testing shall be documented. C. The Plant Operations Director will aggregate random monthly data and report results to the Administrator, Care Center Medical Director, and Quality Council quarterly. Quality Council will have the overall responsibility to ensure the facility is in compliance. Completion Date	05/26/2014

9.

A. A pressure indicating tee will be installed in all Janitors' Closets faucets to prevent backflow.
B. All residents, staff, and visitors have the potential to be affected by failure to prevent backflow of chemicals.
C. Education will be provided to the Engineering Techs and Housekeeping staff to ensure pressure indicating tees are in place for each faucet to prevent backflow. The Plant Operations Director or designee will perform monthly inspections to ensure the pressure indicating tees is in place for each faucet in all Janitor's Closets.
D. The Plant Operations Director will aggregate random monthly data and report results to the Administrator, Care Center Medical Director and Quality Council quarterly. Quality Council will have the overall responsibility to ensure the facility is in compliance.

Completion Date 05/26/201

10.

A. The specifications for the hydrotherapy tub will be submitted to HLS for review. Per Chapter 3 Construction Rules and Regulations for Healthcare Facilities, all plans will be submitted to HLS prior to installation.

B. All residents, staff, and visitors have the potential to be affected by failure to submit plans for review prior to installing new equipment/new construction.

C. Education will be provided to the Engineering Technicians to ensure submittal of plans to HLS per the requirements listed in Chapter 3. The Plant Operations Director or designee will perform monthly audits on any new projects or installations that fall under the Chapter 3 regulatory guidelines to ensure the plans and specifications have been sent to HLS.

D. The Plant Operations Director will aggregate random monthly data and report results to the Administrator, Care Center Medical Director and Quality Council quarterly. Quality Council will have the overall responsibility to ensure the facility is in compliance.

Completion Date 05/26/2014