**STATEMENT OF DEFICIENCIES AND PLAN OF CORRECTION**

**A. BUILDING PROVIDER/SUPPLIER/CLIA IDENTIFICATION NUMBER:**

345250

**STREET ADDRESS, CITY, STATE, ZIP CODE**

515 S GENERALS BOULEVARD LINCOLNTON, NC 28093

**NAME OF PROVIDER OR SUPPLIER**

BRIAN CTR HLTH & RET/LINCOLNTON

**DATE SURVEY COMPLETED**

03/13/2014

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<th>(X4) ID</th>
<th>SUMMARY STATEMENT OF DEFICIENCIES (EACH DEFICIENCY MUST BE PRECEDED BY FULL REGULATORY OR LSC IDENTIFYING INFORMATION)</th>
<th>(X5) COMPLETION DATE</th>
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<td>F 323</td>
<td>483.25(h) FREE OF ACCIDENT HAZARDS/SUPERVISION/DEVICES</td>
<td>3/25/14</td>
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The facility must ensure that the resident environment remains as free of accident hazards as is possible; and each resident receives adequate supervision and assistance devices to prevent accidents.

This REQUIREMENT is not met as evidenced by:

- Based on observations, record review, and staff interviews the facility failed to adjust the mixing valve to keep water temperatures in residents' rooms below 116 degrees Fahrenheit (F) for 6 out of 14 rooms sampled. (Room # 101, # 110, # 208, # 309, # 413, and # 100 hall shower room).

Findings included:

- On 3/10/14 at 4:26 PM water temperatures were checked in rooms #101 and #110 at the bathroom faucet. The water temperature felt too hot to touch when hand placed under water for a few seconds.

- On 3/10/14 at 4:45 PM interview with maintenance supervisor (MS) revealed that he had taken water temperatures that morning and the highest temperature was 112 degrees F. He also revealed that no one had reported the hot water was too hot that morning. Further interview revealed he used a digital thermometer to check the water temps. He revealed the digital thermometer was very accurate and when he calibrated it, he used a metal thermometer that was compared against the digital thermometer.

- To accomplish the corrective action for the alleged deficient practice, the Maintenance Director adjusted the water temp at the mixing valve immediately. The temps were checked again at 5:23PM and 7PM to ensure that temps were maintained at or below 116 degrees.

- The facility identified other areas with the potential to be affected by the alleged deficient practice by conducting immediate checks on each hall to monitor water temps throughout the facility. There were no other observations of elevated water temps greater than 116 observed.

- Measures put in place to ensure that the alleged deficient practice does not recur include: Maintenance Director continued to complete twice a day checks of water temps in multiple rooms per hall through 3-14-2014. On 3-12-2014 Criswell Service came to facility to check the temp. gauge and equipment and determined that the gauge and equipment was functioning.

**LABORATORY DIRECTOR'S OR PROVIDER/SUPPLIER REPRESENTATIVE'S SIGNATURE**

Electronically Signed

03/31/2014

Any deficiency statement ending with an asterisk (*) denotes a deficiency which the institution may be excused from correcting providing it is determined that other safeguards provide sufficient protection to the patients. (See instructions.) Except for nursing homes, the findings stated above are disclosable 90 days following the date of survey whether or not a plan of correction is provided. For nursing homes, the above findings and plans of correction are disclosable 14 days following the date these documents are made available to the facility. If deficiencies are cited, an approved plan of correction is requisite to continued program participation.
### Summary Statement of Deficiencies

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On 3/10/14 observations of the MS take water temperatures with a facility digital thermometer revealed the following temperatures:
- Hot water temp in room 110 was 127.2 degrees F at 4:59 PM
- Hot water temp in room 101 was 126.7 degrees F at 5:00 PM
- Hot water temp in sink in shower room on the 100 hall was 121.2 degrees F at 5:02 PM
- Hot water temp in room 208 bathroom was 117.4 degrees F at 5:03 PM
- Hot water temp in room 309 was 123.8 degrees F at 5:08 PM
- Hot water temp in room 413 was 116.4 degrees F at 5:10 PM

On 3/11/14 a review of the policy and procedure titled maintenance operations-monitoring water temperatures dated June, 2007 revealed water temperatures are checked periodically to ensure the safety and welfare of residents and employees. Further review revealed a procedure to check hot water temperatures at both individual and common resident use areas. Further procedure review revealed schedule sampling to check temperatures at a representative set of fixtures throughout the entire building every three days; sample problem areas daily. Rotate thru the sets so that all fixtures are covered over a period of time.

On 3/10/14 interview with MS at 5:30 PM revealed that the hot water was supplied to the building by 2 boilers. One boiler supplied the 100, 200, and 300 halls. The 400 and 500 halls were supplied by the second boiler. He also revealed that he checked the water temperatures once a properly. The Maintenance Director contacted Criswell Service to order a sensor probe for water temps. On 3-25-14 a water temp probe alarm was installed in the boiler room to alarm if the water temp reached 116 degrees. The Maintenance Director will continue to complete daily (Mon. through Fri.) checks of water temps in at least one room per hall.

* To monitor the effectiveness of the above action plan for elevated water temps the Administrator and Maintenance Director will review the findings of water temperatures weekly and review in the QAPI meeting monthly for 3 months beginning 3/20/2014. The QAPI Committee will evaluate the effectiveness of the plan for elevated water temps and make recommendations for changes in the plan as indicated.
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day by spot checking rooms on the halls. The MS revealed he also checked all the shower temps in the shower rooms every day, and checked the rooms closest, and farthest from the mixing valve on the halls. Further interview revealed that there were 2 boilers outside that went to a large holding tank, and then went to laundry and dietary. The water then re-circulated through water pipes in the ceiling and then flowed into domestic water pipes. There was a gauge on both domestic water pipes and a mixing valve between the two water pipes. He also revealed that he kept hot water temperature logs.

On 3/10/14 at 5:45 PM observation of the mixing valve gauge for 400 and 500 halls read 116 degrees F.

On 3/10/14 at 5:45 PM observation of the mixing valve gauge for 100, 200, and 300 halls read 118 degrees F.

On 3/10/14 interview at 5:49 PM with MS revealed that he did not know why the mixing valve for the 100, 200, and 300 halls was set at 118 degrees F and 116 degrees F for the 400 and 500 halls. The MS revealed that staff had never complained that the water was too hot, but they had complained when the water was too cold. Further interview revealed he usually set the mixing valves at 109 degrees F on the 100, 200, and 300 halls and 111 degrees F on the 400 and 500 halls in order to keep the water temperatures in the rooms at or below 112 degrees F. He also revealed that the protocol he followed when the water temperature was running hot was to adjust
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<td>the temperature lower by setting the mixing valve to a lower temperature. The MS then took water temperatures until the water temps were between 109 and 112 degrees F in random rooms on all halls, all shower rooms, the kitchen, and nourishment rooms. The MS also revealed that annually the mixing valves were taken apart and cleaned. He also revealed that the showers operated on a recirculation process, so they were never too hot.</td>
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<td>On 3/10/14 Interview with NA #1 at 6:00 PM revealed that water temps had been not too hot. She also revealed that if the water temp was too hot she would let maintenance know.</td>
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<td>On 3/10/14 interview with nurse #1 at 6:09 PM revealed that the hot water had never been too hot as far as she had been aware, and if the water was too hot she would notify maintenance.</td>
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<td>On 3/10/14 interview with NA #2 at 6:10 PM revealed that she had not been aware of the water being hot as she mixed the water when she turned it on. She also revealed that if she found the water to be too hot she would notify maintenance right away.</td>
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<td>On 3/10/14 at 6:30 PM interview with the Administrator revealed that the water temperatures were checked once a day by spot checking different rooms on the different halls. Further interview revealed that the water logs were checked by the administrator once a week and the safety committee reviewed the water temperatures once a month.</td>
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<td>On 3/13/14 interview with MS at 11:00 AM revealed that he had the boiler system checked</td>
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<td>yesterday by an outside boiler service and the system was working the way it should. He revealed it was unknown why the mixing valve gauges read 118 degrees F on the 100, 200, and 300 halls and 116 degrees F on the 400 and 500 halls on 3/10/14.</td>
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