BUILDING CODE ADMINISTRATION PROGRAM 4202 E. FOWLER AVENUE, OPM 100 FACILITIES MANAGEMENT EDITION: OCTOBER 17, 2016

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USF TAMPA HVAC REPLACEMENT REQUIREMENTS SUMMARY

BCA DIRECTIVE -- 09

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PURPOSE: Α

This BCA Directive promulgates summary of code requirements for HVAC replacement equipment in 2014

809.3 Local exhaust. All newly introduced devices, equipment, or operations that produce airborne particulate matter, odors, furnes, vapor, combustion products, gaseous contaminants, pathogenic and allergenic organisms, and microbial contaminants in such quantities as to affect adversely or impair health or cause discomfort to occupants shall be provided with local exhaust.

811.1 Minimum requirements. Alterations subject to this Chapter shall comply with the requirements of the Florida Building Code, Energy Conservation.

LEVEL 3 ALTERATION:

505.1 Scope. Level 3 alterations apply where the work area exceeds 50 percent of the aggregate area of the building.

908.1 Minimum requirements. Alterations subject to this chapter shall comply with the requirements of the Florida Building Code, Energy Conservation.

CHANGE OF OCCUPANCY:

1009.1 Mechanical requirements. Where the occupancy of an existing building or part of an existing building is changed such that the new occupancy is subject to different kitchen exhaust requirements or to increased mechanical ventilation requirements in accordance with the Florida Building Code, Mechanical, the new occupancy shall comply with the intent of the respective Florida Building Code, Mechanical provisions.

FBC ENERGY CODE:

C403.2.1:

Exception: Where mechanical systems are designed by a registered engineer, the engineer has the option of submitting a signed and sealed summary sheet to the building department in lieu of the complete sizing calculation(s). Such summary sheet shall include the following (by zone):

- 1. Project name/owner
- 2. Project address
- 3. Area in square feet
- 4. Sizing method used
- 5. Outdoor dry bulb use
- 6. Indoor dry bulb
- 7. Outdoor wet bulb used
- 8. Grains water (difference)
- 9. Total sensible gain
- 10. Total latent gain
- 11. Relative humidity
- 12. Total cooling required with outside air
- 13. Total heating required with outside air

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