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Texas Administrative Code

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(a) Plumbing systems. The inspector shall:

(1) report:

(A) static water pressure;

(B) location of water meter; and

(C) location of main water supply valve; and

(2) report as Deficient:

(A) the presence of active leaks;

(B) the lack of fixture shut-off valves;

(C) the lack of dielectric unions, when applicable;

(D) the lack of back-flow devices, anti-siphon devices, or air gaps at the flow end of fixtures;

(E) water pressure below 40 psi or above 80 psi static;

(F) the lack of a pressure reducing valve when the water pressure exceeds 80 PSI;

(G) the lack of an expansion tank at the water heater(s) when a pressure reducing valve is in place at the water supply line/system; and

(H) deficiencies in:

(i) water supply pipes and waste pipes;

(ii) the installation and termination of the vent system;

(iii) the operation of fixtures and faucets not connected to an appliance;

(iv) water supply, as determined by viewing functional flow in two fixtures operated simultaneously;

(v) functional drainage at fixtures;

- (vi) orientation of hot and cold faucets;
 - (vii) installed mechanical drain stops;
 - (viii) installation, condition, and operation of commodes;
 - (ix) fixtures, showers, tubs, and enclosures; and
 - (x) the condition of the gas distribution system.
- (b) Specific limitations for plumbing systems. The inspector is not required to:
- (1) operate any main, branch, or shut-off valves;
 - (2) operate or inspect sump pumps or waste ejector pumps;
 - (3) inspect:
 - (A) any system that has been winterized, shut down or otherwise secured;
 - (B) circulating pumps, free-standing appliances, solar water heating systems, water-conditioning equipment, filter systems, water mains, private water supply systems, water wells, pressure tanks, sprinkler systems, swimming pools, or fire sprinkler systems;
 - (C) the inaccessible gas supply system for leaks;
 - (D) for sewer clean-outs; or
 - (E) for the presence or operation of private sewage disposal systems;
 - (4) determine:
 - (A) quality, potability, or volume of the water supply; or
 - (B) effectiveness of backflow or anti-siphon devices; or
 - (5) verify the functionality of clothes washing drains or floor drains.
- (c) Water heaters. The inspector shall:
- (1) report the energy source;
 - (2) report the capacity of the unit(s);
 - (3) report as Deficient:
 - (A) inoperative unit(s);
 - (B) leaking or corroded fittings or tank(s);

- (C) broken or missing parts or controls;
- (D) the lack of a cold water shut-off valve;
- (E) if applicable, the lack of a pan and drain system and the improper termination of the pan drain line;
- (F) an unsafe location;
- (G) burners, burner ignition devices or heating elements, switches, or thermostats that are not a minimum of 18 inches above the lowest garage floor elevation, unless the unit is listed for garage floor installation;
- (H) inappropriate location;
- (I) inadequate access and clearances;
- (J) the lack of protection from physical damage;
- (K) a temperature and pressure relief valve that:
 - (i) does not operate manually;
 - (ii) leaks;
 - (iii) is damaged;
 - (iv) cannot be tested due to obstructions;
 - (v) is corroded; or
 - (vi) is improperly located; and
- (L) temperature and pressure relief valve discharge piping that:
 - (i) lacks gravity drainage;
 - (ii) is improperly sized;
 - (iii) has inadequate material; or
 - (iv) lacks proper termination;
- (4) in electric units, report as Deficient deficiencies in:
 - (A) operation of heating elements; and
 - (B) condition of conductors; and
- (5) in gas units, report as Deficient:
 - (A) gas leaks;

- (B) lack of burner shield(s);
- (C) flame impingement, uplifting flame, improper flame color, or excessive scale build-up;
- (D) the lack of a gas shut-off valve; and
- (E) deficiencies in:
 - (i) combustion and dilution air;
 - (ii) gas shut-off valve(s) and location(s);
 - (iii) gas connector materials and connections; and
 - (iv) vent pipe, draft hood, draft, proximity to combustibles, and vent termination point and clearances.
- (d) Specific limitations for water heaters. The inspector is not required to:
 - (1) verify the effectiveness of the temperature and pressure relief valve, discharge piping, or pan drain pipes;
 - (2) operate the temperature and pressure relief valve if the operation of the valve may, in the inspector's reasonable judgment, cause damage to persons or property; or
 - (3) determine the efficiency or adequacy of the unit.
- (e) Hydro-massage therapy equipment. The inspector shall report as Deficient:
 - (1) inoperative unit(s) and controls;
 - (2) the presence of active leaks;
 - (3) inaccessible pump(s) or motor(s);
 - (4) the lack or failure of required ground-fault circuit interrupter protection; and
 - (5) deficiencies in the ports, valves, grates, and covers.
- (f) Specific limitation for hydro-massage therapy equipment. The inspector is not required to determine the adequacy of self-draining features of circulation systems.

Source Note: The provisions of this §535.231 adopted to be effective February 1, 2009, 33 TexReg 9242

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