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Comments on proposed second draft of CSA B150.1 specification for domestic gas ranges (free standing unit)

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NATIONAL RESEARCH COUNCIL OF CANADA

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No.

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TECHNICAL NOTE

NOT FOR PUBLICATION

FOR INTERNAL USE

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CHECKED BY A.G.W.

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PREPARED FOR CSA Committee on Gas Burning
Appliances and Equipment

DATE September 1959

SUBJECT

COMMENTS ON PROPOSED SECOND DRAFT OF CSA B150.1
SPECIFICATION FOR DOMESTIC GAS RANGES (FREE
STANDING UNITS

The proposed second draft of the above CSA specification has been reviewed and the following comments, many of which refer to suggested editorial changes, are submitted.

- p.2 3.15 Delete word "Oven" before Thermostats.
- p.2 Contents Title for Section 4, word "performance" is misspelled.
- Title for Section 4 "for Use with Natural Gas" is repeated.
- p.3 4.20, 5.19 and 6.20. Delete "Oven" before Thermostats.
- p.3 Contents Item 6.19, word "Gauges" should read "Ranges".
- p.5 Para. 2. 1st line, word "is" is misspelled.
- p.5 Reference Publications should include
B33.1 Bolts, Cap Screws, Set Screws, Studs and Nuts.
B63 Welded and Seamless Steel Pipe.
- p.6 Definition for Automatic Lighters - word "lighters" is misspelled.
- p.9 Definition for Liquefied Petroleum Gas. There are two definitions given. The first should be deleted in order to be consistent with other specs.

- p.11 Definition for Single-purpose gas range burner valve.
Word "off" in second line is misspelled.
- p.12 Definition for "Tools, special". The underline below
"Tools" should continue also under "special".
- p.12 3.1.7 Line 2, Section 3.2.1 should read 3.21.
- p.13 3.1.11 Title of B33.1 should include "Set Screws" after
Cap Screws.
- p.18 3.2.8 Reference 1.3.6 should read "Clause 3.2.6".
- p.18 3.3.1 Add "and B63 Welded and Seamless Steel Pipe".
- p.19 3.4.3 Word "off" is misspelled.
- p.19 3.4.7 Word "liquefied" is misspelled.
- p.23 3.7.7 Word "a" should be inserted before "plane".
- p.27 3.15 Word "oven" should be deleted.
- p.28 3.16.4 Section 4.2.2 should read 4.22.
- p.29 3.21 Nos. C22.1 and C22.2 are omitted.
- p.31 3.24.4 Since the "optional" clause of 4.1.1 has been
removed when converting from U.S. to Canadian
specs. is not 3.24.4 therefore redundant?
- p.31 3.24.5 Word "approved" in first line of both (a) and
(c) should read "certified".
- p.32 4.2.2 Line 1. Should word "optional" be deleted or
replaced by the word "only"?
- p.33 4.3.3.1 Line 1 (ditto)
- p.33 4.3.4 Line 3. "2.4" should read "Section 4.4".
- p.34 4.5.1.1 Para. 2 Line 2 "optional"?
- p.37 4.5.2 Line 1 "optional"?
- p.37 4.5.2 Last para. Second last line. Words "Section 4.5.1"
should read "Clause 4.5.1."
- p.37 4.5.3.1 Line 2. (ditto)
- p.37 4.5.3.1 Line 4 "optional"?
- p.37 4.5.3.2 Line 3 "Section 4.5.1" should read "Clause 4.5.1."
- p.37 4.5.4.1 Line 2 (ditto)

- p.38 4.5.4.2 Lines 2, 3 and 4 (ditto)
- p.38 4.6.1.2 Line 1 word "to" should read "for".
- p.38 4.6.1.3 Line 1 "optional"?
- p.39 4.6.4.2 Line 2 "Section 4" should read "Section 4.4"
- p.39 4.6.4.2 Para. 5, line 1, second word "or" should read "on".
- p.41 4.6.8.1 Line 2 "extinguished" is misspelled.
- p.42 4.7.1.2 Line 1 "optional"?
- p.44 4.7.3.2 Line 7, word "burned" should read "turned".
- p.46 4.7.7.2 Second last line. Word "mechanical" is misspelled.
- p.46 4.8 This section should be headed "Automatic Pilots".
- p.46 4.8.2.2.2 Line 1 "optional"?
- p.47 4.8.4.2 The numbering of the paragraphs in this clause should be similar to 4.8.2.2, i.e., 4.8.4.2.1 and 4.8.4.2.2.
- p.47 4.8.4.2 Para.3 Line 1 "optional"?
- p.47 4.9 This section should be headed "Gas Valves".
- p.48 4.9.2.1 Para.2. Last line, second-last word "listing" should read "performance".
- p.48 4.11.1 Line 3, word "requirements" should be singular.
- p.49 4.11.2 Fourth line below formula. Figure "9.22" should read "0.22"
- p.50 4.12.2 Para.2. Line 3. There should be no period after "0.352 inch". Table 1 should be relocated so that it does not occur in the middle of a sentence.
- p.50 4.12.2 Para.3. Line 5 "liquefied" is misspelled.
- p.51 4.12.2 Para.3. Line 2 "130°F" should read "120°F"
- p.54 4.15.2 Para.5. Line 5 "bow" should read "bowl".

- p.57 4.19.2.2 Para.2. Line 2. Omit word "oven".
- p.57 4.20 Omit word "oven" from title.
- p.57 4.20.1 Line 1. Word "performance" is misspelled.
- p.59 4.20.4.2 Para.1. Line 1 "Clause 4.11" should read "Section 4.11".
- p.59 4.20.4.2 Para.2. First word "rest" should read "test".
- p.59 4.21.2 Line 2 "Clause 4.4" should read "Section 4.4".
- p.60 4.22.3.1 Line 4 "Clause 4.5" should read "Section 4.5"
- p.60 4.22.3.2 Para.2. Clause number should be changed to 4.22.4 and subsequent clause numbers changed accordingly.
- p.60 4.22.3.2 Para.2. Line 1 "Clause 4.2.2.3" should read "4.22.3"
- p.61 5.2.1 Heading in table should read Sp. gr (air=1.0) instead of Sp. gr (air-1.0)
- p.64 5.19 Word "Oven" should be deleted from title.
- p.64 5.21 Line 1 "Section 4" should read "Section 4.22".
- p.65 6.5 Line 1 "Section 4.5.1" should read "Clause 4.5.1".
- p.65 6.5 Line 2 "Clauses 6.2 and 6.3" should read "Sections 6.2 and 6.3".
- p.65 6.6 Line 2 (ditto)
- p.65 6.7 Line 2 (ditto)
- p.65 6.8 Line 2 (ditto)
- p.65 6.9 Line 2 (ditto)
- p.65 6.11 Line 2 (ditto)
- p.65 6.12 Line 2 (ditto)
- p.65 6.14 Line 2 (ditto)
- p.65 6.15 Line 2 (ditto)
- p.65 6.16 Line 2 (ditto)

p.66 6.17 to 6.22 Line 2 "Clauses 6.2 and 6.3" should read
"Sections 6.2 and 6.3".

p.66 6.19 Line 1 "Section 6.19" should read "Section 4.19".

- NOTES:
- (1) ASA Z21.1.1-1956 contains an Appendix on p.52. Is it intentional that this is omitted from B150.1?
 - (2) The second draft of B150.1 has obviously been based on ASA Z21.1.1-1956 and Z21.1.1a-1957 combined. A further addenda Z21.1.1b-1958 has been published by ASA. In order for B150.1 to agree with this latest addenda, further editorial corrections in addition to those above would be needed.