

**BC BUILDING CODE INTERPRETATION COMMITTEE
AIBC, APEGBC, BOABC, POABC**

File No: 98-0077

INTERPRETATION

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Interpretation Date: May 21, 2003

Building Code Edition: BC Building Code 1998

Subject: Relief Valve Discharge Piping

Keywords: Relief Valve, Piping

Building Code Reference(s): 7.6.1.7. (6) (a) (b) (c) (d) 7.2.5.7. (1) (a) (b)

Question:

Would PVC Schedule 40 pipe be acceptable for discharge piping from a temperature and / or pressure relief valve to a safe location.

Interpretation:

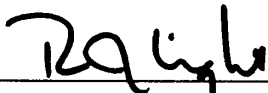
No -- All PVC pipe and fittings do not have the required temperature rating, and therefore must not be accepted for relief valve discharge piping,

Clause 7.6.1.7. (6) (d) states that the piping must be capable of operating at 99 degrees C (210 degrees F)

PVC pipe must be certified to CSA B137.3 Standard which gives such pipe a temperature rating of maximum 23 degrees C (73.4 degrees F)

The 1998 BC Building Code Clause 7.6.1.7. (6) (b) requires rigid piping which slopes downward to be self draining.

Also note that the manufacturers of PVC pipe indicate that it should not be used for this purpose



R. J. Light, Committee Chair

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