

# Memo



**Date:** July 2, 2010

**File:**

**To:** City Manager

**From:** Acting Fire Chief

**Subject:** Amendment to Fire Prevention Regulation Bylaw No.6110-88

Report Prepared by: Thomas Doherty, Assistant Fire Chief, Fire Prevention

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## **Recommendation:**

THAT Bylaw No. 10375, being Amendment No. 14 to the Fire Prevention Regulation bylaw No. 6610-88 be forwarded for reading consideration.

## **Purpose:**

To amend the Fire Prevention Regulations Bylaw regarding high rise fire fighting equipment to allow for an operational change in the department to enhance fire fighter safety and suppression efforts. The department will be changing the high rise hose and appliances from 1 ¾" diameter to 2 ½" diameter.

## **Background:**

High rise operations create a unique challenge to fire fighters, the proposed increase in hose diameter provides fire fighters with a much larger water supply and increases the ability to suppress fires in high rise buildings much quicker and creates a safer environment for fire fighters.

The current Fire Prevention Bylaw lists fire fighting equipment required in storage areas in high rise buildings under sub-paragraph 6.6 (d)(iii) of **PART VI-REGULATIONS**. For fire fighter safety and more efficient suppression operations the department requires an amendment by deleting the current sub-paragraph 6.6 (d)(iii) to the bylaw changing the equipment list to reflect the following:

(iii)

- Four (4) lengths of 2 1/2 inch x 50 feet Ultra-Lite Supreme High Rise fire fighting hose with BCT, meeting the requirements of NFPA 1961 latest edition and ULC. Orange in Color.
- Twelve (12) 2 ½" High Rise Hose Straps: Dimensions - 2" wide webbing, 24" long, 2" welded steel loop, 4" red indicator pull tab.
- One (1) J140F TFT 65 X 38 shutoff w/1 3/8" waterway 2.5" threads BAT/BCT

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- One (1) FSS10 -IF TFT smooth bore tip w/1 1/8" (28mm) TIP/ 1.5" NPSH threads
- Two (2) 65mm female swivel BAT X 60 degree elbow with male BAT 65mm discharge, firelite anodized aluminum.
- One (1) 2.5"M/BAT X 1.5"F/NPSH firelite adapter
- One (1) 2 1/2" Inline Pressure Gauge BAT/BCT threads - Akron Style 35
- Two (2) hose spanners.
- One (1) High Rise Appliance Bag (to carry adapters and appliances)

**Internal Circulation:** Kelowna Fire Department Operations, Training and Prevention Branch, Development Services/Community Services, Office of the City Clerk

**Financial/Budgetary Considerations:** Fire Fighter equipment rooms are funded by the developer. The change in equipment results in an estimated 25% cost reduction to the developer.

**Considerations not applicable to this report:**

Legal/Statutory Authority:

Legal/Statutory Procedural Requirements:

Existing Policy: N/A

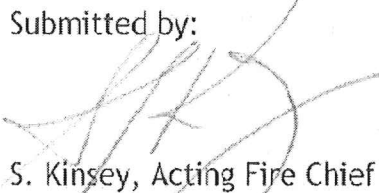
Personnel Implications: N/A

External Agency/Public Comments: N/A

Community & Media Relations Comments: N/A

Alternate Recommendation: N/A

Submitted by:



S. Kinsey, Acting Fire Chief

Approved for inclusion:



cc: Kelowna Fire Department Operations  
Training and Prevention Branch  
Office of the City Clerk  
Planning Department