FIRE FLOW CALCULATION SHEET

(for Determination of Required
Fire Flow" by Fire Underwriter's Survey)

Project: _____   Date: _____

1. Type of Construction: _____

    Coefficient (C) based on type of construction = _____

    Total Floor Area: _____ ft^2 _____ m^2

    Fire Flow From Formula (F = 220 C A$^{0.5}$):   (rounded)   _____ l/min. (a)

2. Type of Occupancy: _____   Hazard: _____

    Hazard Allowance: _____   x (a) =   _____ l/min.

    Sub-Total: _____ l/min. (b)

3. Automatic Sprinklers: _____

    Sprinkler Allowance: _____   x (b) =   _____ l/min. (c)

4. Exposures:

		m	Max. Charge	Exposure	Hazard	Charge	
.1	North	>45m	0%	Institutional	Low	_____	
.2	South	>45m	0%	Dwelling	Low	_____	
.3	East	>45m	0%	Dwelling	Low	_____	
.4	West	>45m	0%	Dwelling	Low	_____	

    Exposure Allowance: _____   x (b) =   _____ l/min. (d)

    TOTAL FIRE FLOW REQUIRED: (rounded)   _____ l/min. (b-c+d)
    TOTAL FIRE FLOW REQUIRED: _____ l/s
    REQUIRED DURATION OF FIRE FLOW: _____ hours