

CLIENT NAME

Risk Description

Constructed from

Class A
 Class B
 Class E
 Class D
 Class F

GROSS DIMENSIONS

x
 x
 =
 m³

Actual Leakage Measurement - m² = m²

Leakage Allowance without additional Agent = m²

GROSS Volume used for Calculation = m³

PRIMARY AGENT DISCHARGE = g

Secondary Agent Discharge =

Model	L2 (mm)	L3 (mm)	Stream (mm)	Agent Qty	Concentration		Primary Quantity	Secondary Quantity
					Primary	Secondary		
FP-0020	0	0	1000	20	-	-		
FP-0040	0	0	1000	40	-	-		
FP-0080	0	0	1000	80	-	-		
FP-0100	0	200	1000	100	-	-		
FP-0200	0	300	2000	200	-	-		
FP-0500	100	500	2000	500	-	-		
FP-1200	0	1500	3500	1,200	-	-		
FP-2000	0	1500	3500	2,000	-	-		
FP-3000	600	2000	3500	3,000	-	-		
FP-5700	600	2000	8400	5,700	11,400	-	2	

Total Concentration	11,400	-
Required Concentration	8,736	-
% Required Concentration	130%	

- Design Calculation has been Confirmed
- FirePro Units have suitable STREAM length for Risk Area Coverage
- Leakage compensation made in Primary Discharge
- Additional HOLD time Required for the risk

Aust. Std Design Notes

Pre-Engineered Design Calculation

CALCULATION OF VOLUME : Calculation is based on Gross Volume with NO deductions for any Objects that occupy volume within the protected space. This category covers fixed condensed aerosol extinguishing system units intended for total flooding applications. AS 4487 and AS5062.

Minimum Extinguishing Factor (mef) 84 X 1.3 = 109.2

- L2 is the thermal clearance required where the temperature of the discharge is less than 200° C
- L3 is the thermal clearance required where the temperature of the discharge is less than 75° C

APPROVED

Prepared By:

RJM

Company

FSE