AS 4487 General Application

FirePro. Reinventing Fire Suppression

Date	**9/07/2018**							FSE-15.1

CERTIFICATION — AS 4487 General Application

CLIENT NAME — Wormald

Risk Description — Atlas Compressors Model: XATS1050CD7

Constructed from — Steel

Classes of Fire — ☑ Class A   ☑ Class B   ☑ Class E   ☐ Class F

STREAM (m) — 2.0 < SL < 4.0

GROSS DIMENSIONS (All in Meters)

Length **3.86** x Width **2.10** x Height **1.95**

Enter VOLUME = Not Used **-** m³

Actual Leakage Meaurement = **-** m²

Leakage Allowance without additional Agent = **0.03** m²

= **15.81** m³

PRIMARY AGENT DISCHARGE — **1,726.09** g

Secondary Agent Discharge — **Not Required**

Model	L2 (mm)	L3 (mm)	Stream Length (mm)	Agent Qty	Concentration Primary	Concentration Secondary	Primary Quantity	Secondary Quantity
FP-0020	0	100	300	20	-	-	-	-
FP-0040	0	100	1200	40	-	-	-	-
FP-0080	0	100	2000	80	-	-	-	-
FP-0100	0	100	1000	100	-	-	-	-
FP-0200	100	300	1500	200	-	-	-	-
FP-0500	200	500	2500	500	-	-	-	-
FP-1200	200	1200	3500	1,200	-	-	-	-
FP-2000	200	1200	3500	2,000	2,000	-	1	-
FP-3000	700	1700	4000	3,000	-	-	-	-
FP-5700	800	1800	8000	5,700	-	-	-	-

Total Concentration	2,000	-
Required Concentration	1,726	-
% Required Concentration	116%	

☑ **Design Calculation has been Confirmed**

☑ **FirePro Units have suitable STREAM length for Risk Area Coverage**

☑ **Leakage compensation made in Primary Discharge**

APPROVED

Prepared By:	Company
PM	FSE

Aust.Std Design Notes

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.

Minimum Extinguishing Factors (mef)   84   X   1.3   =   109   g/m3

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