FirePro. Reinventing Fire Suppression AS 4487 General Appl					lication					Date		2/05/2019 AFP-11.2	
CERTIFICATION	AS 4487 General Application		Γ	Model	L2	L3	Stream Length	Agent	Concent	tration		Secondary	
ROOM NAME & No.	Kaibia Telephone Exchange Equipment room				(mm)	(mm)	(mm)	Qty	Primary	Secondary	Quantity	Quantity	
Risk Area	Electrical equipment			P-0020 P-0040	0	100 100	300 1200	20 40	-	-	-	-	
Constructed from	Gyprock solid walls & ceiling			P-0040 P-0080	0	100	2000	80	-	-	-	-	
Classes of Fire	✓ Class A ✓ Class B ✓ Class E Class F		_	P-0100	0	100	1000	100	-	-	-	-	
Classes of File			F	P-0200	100	300	1500	200	-	-	-	-	
			F	P-0500	200	500	2500	500	-	-	-	-	
STREAM (m)	2.0 < SL < 4.0		F	P-1200	200	1200	3500	1,200	-	-	-	-	
GROSS DIMENSIONS	Length Width Height Enter	Not Used		P-2000	200	1200	3500	2,000	-	-	-	-	
(All in Meters) 6.50 X 12.00 X 3.00		- n	13	P-3000	700	1700	4000	3,000	3,000	-	1	-	
	Actual Leakage Meaurement = - m2				FP-5700 800 1800 8000 5,700 22,800 - 4								
	Leakage Allowance without additional Agent = 0.59 m2			Total Concentration Required Concentration					25,800 25,553	-			
				% Required Concentration 101% 0%									
	GROSS Volume used for Calculation = 234.00 m3			Design Calculation has been Confirmed									
PRIMARY AGENT DISCHARGE 25,552.80 g			~	FirePro Units have suitable STREAM length for Risk Area Coverage									
	PRIMARY AGENT DISCHARGE 25,552.80 g			Leakage compensation made in Primary Discharge									
Secondary Agent Discharge Not Required													
Aust.Std Design Notes							AP	PR	ROV	ED			
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.					Prepare RJI					Comp FS			
Minimum Extinguishing Factors (mef) 84 X 1.3 = 109 g/m3													
	nce required where the temprature of the discharge is less than nce required where the temprature of the discharge is less than												

FirePro. Reinventing	AS 4487 Ge	pli	lication						Date	te 2/05/2019 AFP-11.2			
CERTIFICATION	AS 4487 General Application			Model	L2 (mm)	L3	Stream	Agent	Concentration		Primary	Secondary	
ROOM NAME & No.	Kaibia Telephone Exchange Power Battery room			wodei		(mm)	Length (mm)	Qty	Primary	Secondary	Quantity	Quantity	
			_	FP-0020	0	100	300	20	-		-	-	
Risk Area	Electrical equipment			FP-0040	0	100	1200	40	-	-	-	-	
Constructed from	Gyprock solid walls & ceiling			FP-0080	0	100	2000	80	-	-	-	-	
Classes of Fire	✓ Class A ✓ Class B ✓ Class E □ Class F			FP-0100	0	100	1000	100	-	-	-	-	
				FP-0200	100	300	1500	200	-	-	-	-	
				FP-0500	200	500	2500	500	-	-	-	-	
STREAM (m)	2.0 < SL < 4.0			FP-1200	200	1200	3500	1,200	-	-	-	-	
GROSS DIMENSIONS	Length Width Height Enter	Not Used		FP-2000	200	1200	3500	2,000	-	-	-	-	
(All in Meters)	2.50 × 6.50 × 3.00 VOLUME	-	m3	FP-3000 FP-5700	700 800	1700 1800	4000 8000	3,000	6,000	-	2	-	
	Actual Leakage Meaurement = - m2						8000	5,700	-	-	-	-	
	Leakage Allowance without additional Agent = 0.12 m2			Total Concentration Required Concentration					6,000 5,324	-			
				% Req	oncent	ration		113%	113% 0%				
	GROSS Volume used for Calculation = 48.75 m3				Design Calculation has been Confirmed								
	PRIMARY AGENT DISCHARGE 5,323.50 g				FirePro Units have suitable STREAM length for Risk A							Area Coverage	
					Leakage compensation made in Primary Discharge								
Secondary Agent Discharge Not Required													
Aust.Std Design Notes				APPROVED									
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.				Prepared By: Company RJM FSE									
Minimum Extinguishing Factors (mef) 84 X 1.3 = 109 g/m3													
	ce required where the temprature of the discharge is less than nee required where the temprature of the discharge is less that												

FirePro. Reinventing Fire Suppression	on AS 4487 G	ication						Date 2/05		/2019 AFP-11.2		
CERTIFICATION	AS 4487 General Application			Model	L2 (mm)	L3	Stream Length (mm)	Agent	Concentration		Primary	Secondary
ROOM NAME & No.	Kaibia Telephone Exchange TTV Room		-	Woder		(mm)		Qty	Primary	Secondary	Quantity	Quantity
				FP-0020	0	100	300	20	-	-	-	-
Risk Area	Electrical equipment			FP-0040	0	100	1200	40	-	-	-	-
Constructed from	Gyprock solid walls & ceiling			FP-0080	0	100	2000	80	-	-	-	-
Classes of Fire	✓ Class A ✓ Class B ✓ Class E Class F			FP-0100	0	100	1000	100	-	-	-	-
				FP-0200	100	300	1500	200	-	-	-	-
				FP-0500	200	500	2500	500	-	-	-	-
STREAM (m)	2.0 < SL < 4.0			FP-1200	200	1200	3500	1,200	-	-	-	-
GROSS DIMENSIONS	Length Width Height Enter	Not Used		FP-2000	200	1200	3500	2,000	-	-	-	-
(All in Meters)	4.40 X 6.50 X 3.00 VOLUME	= -	m3	FP-3000	700	1700	4000	3,000	-	-	-	-
	Actual Leakage Meaurement	=	m2	FP-5700	800	1800	8000	5,700	11,400 11,400	-	2	-
					Total Concentration Required Concentration					-		
	Leakage Allowance without additional Agent = 0.21 m2				equired Concentration				9,369 122%	0%		
	GROSS Volume used for Calculation = 85.80 m3				Design Calculation has been Confirmed							
PRIMARY AGENT DISCHARGE 9,369.36 g				FirePro Units have suitable STREAM length for Risk Area Coverage								erage
	PRIMARY AGENT DISCHARGE 9,369.36 g				Leakage compensation made in Primary Discharge							
Secondary Agent Discharge Not Required												
Aust.Std Design Notes				APPROVED								
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.				Prepared By: Company RJM FSE								
Minimum Extinguishing Factors (mef) 84 X 1.3 = 109 g/m3												
	nce required where the temprature of the discharge is less the nce required where the temprature of the discharge is less t											