



FSICA 消防商會特刊

NEWSLETTER

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THE ASSOCIATION OF REGISTERED FIRE SERVICE INSTALLATION CONTRACTORS
OF HONG KONG LIMITED.

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FROM THE EDITOR 編者的話

首先以很興奮的心情告訴大家這特刊已被設置國際電腦網絡上，此後大家可於
www.fsica.org.hk 的網址上詳細



FSICA ACTIVITIES ONLINE 商 會 活 動

第五屆消防商會會員大會已於一九九七年八月八日晚上，假座於上環信德中心東翼一樓賽馬會所舉行。當晚除了各董事及23間會員公司共108人出席外，本會更誠邀多位嘉賓出席。晚會開始時由商會主席林煦基先生及副主席梅享國先生報告過去一年本會舉辦及參與過的活動及工作，同時正式公佈新一屆的董事會選舉結果如下：






職 銜	公 司	代 表
主 席	集保香港有限公司	林煦基先生
副 主 席	民信消防有限公司	梅享國先生
名 譽 書 記	安樂工程有限公司	羅偉強先生
名 譽 副 書 記	李耀記防火工程有限公司	張嘉富先生
名 譽 司 庫	裕生工程有限公司	梁志剛先生
名 譽 副 司 庫	菱電工程有限公司	賴家賢先生
公 共 關 係 關 理 事	江森自控香港有限公司	胡開禮先生
公 共 關 係 關 副 理 事	佳定工程有限公司	林文光先生
理 事	香港西伯樂斯有限公司	韋 謙先生
理 事	怡和工程有限公司	張偉權先生
理 事	信益有限公司	譚啟聰先生
理 事	衛保消防顧問工程有限公司	潘正強先生



於大合照後，晚會便隨即開始。各人亦在一片熱鬧融洽的氣氛下，盡慶而回。

TECHNICAL BULLETIN 技術之窗

Type of fire Extinguisher 滅火筒 種類 Suitable for 適用於	Water 流水滅火筒 	Foam 泡沫滅火筒 	Dry Powder 乾粉滅火筒 	Carbon Dioxide 二氧化碳 滅火筒 	Halon* 溴氯二氧甲烷 氣滅火筒 
Class A Cloth, wood and paper 產品木材及產品					

等 	✓	✓	✓		✓
Class B Flammable Equids 		✓	✓	✓	✓
Class C Flammable Gases 			✓	✓	✓
Electrical hazards 電器設備 			✓	✓	✓
Vehicle protection 汽車 		✓	✓		✓

*THE ENVIRONMENTAL IMPACT OF HALON(BCF) Halon(BCF) contributes to the harmful depletion of the ozonelayer. Its proudction and use are controlled under the Montreal Protocol. It has been banned to import by the HK Government for years.

*HALON 環境的影響因 HALON(BCF) 會對臭氣會造成破壞，生產及使用 HALON 現已由 MONTREAL PROTOCOL 監督，香港多前已禁止入口。



SPECIAL TOPIC 專題深討

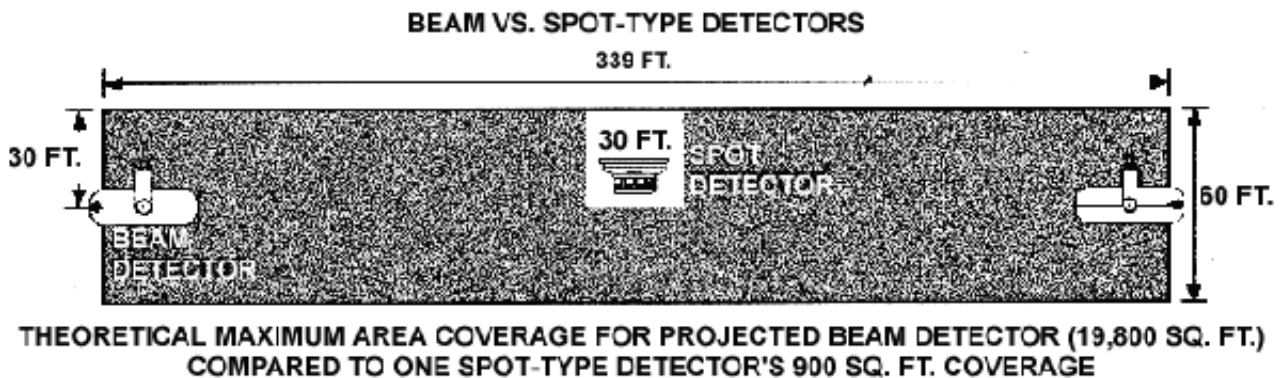
Beam Detector

Beam Detector can be a complementary device to other types of detectors in the fire alarm system. It can overcome many problems and limitations of spot smoke detectors.

The Beam Detector consists of a transmitter that projects an infrared beam across the protected area to a receiver containing a photosensitive cell which monitors the light intensity. The detector works on the principle of light obscuration. The receiver can be calibrated to a preset sensitivity level.

Beam Detectors are generally less responsive to the color of smoke. However, they are sensitive to the cumulative obscuration presented by a smoke field created by a combination of two factors, (1) smoke density and (2) the linear distance of smoke field across the projected light beam. Since the sudden and total obscuration of the light beam is not a typical smoke signature, the detector will see this as a trouble condition, not an alarm. The alarm threshold is typically set at a sensitivity level exceeding 90% to 95% total obscuration. This minimizes the possibility of unwanted alarm, such as when a solid object a sign or ladder being inadvertently placed in the beam path.

Beam Detector can allow a maximum coverage 19,800 sq. ft. (330x60) whereas spot type detector can cover 900 sq. ft. max. (30x30). In theory, a beam detector can cover an area which requires a dozen or even more spot detectors. It is more cost effective to use beam detector in application. (Typical applications: theatre, convention hall, exhibition hall, atrium, arrival concourse, high ceiling storage area etc*)





SHOWS & EXHIBITIONS 會展巡禮



READER WORLD 讀者天地

自創刊至今，特別受到讀者們的捧場，各成員感到十分鼓舞，我們要收到一些鼓勵的信件，就如注下強心針一樣。

最近本刊收到一份來自香港浸會大 Estate Office 的英文傳真信件， Mr.K.C.Lee