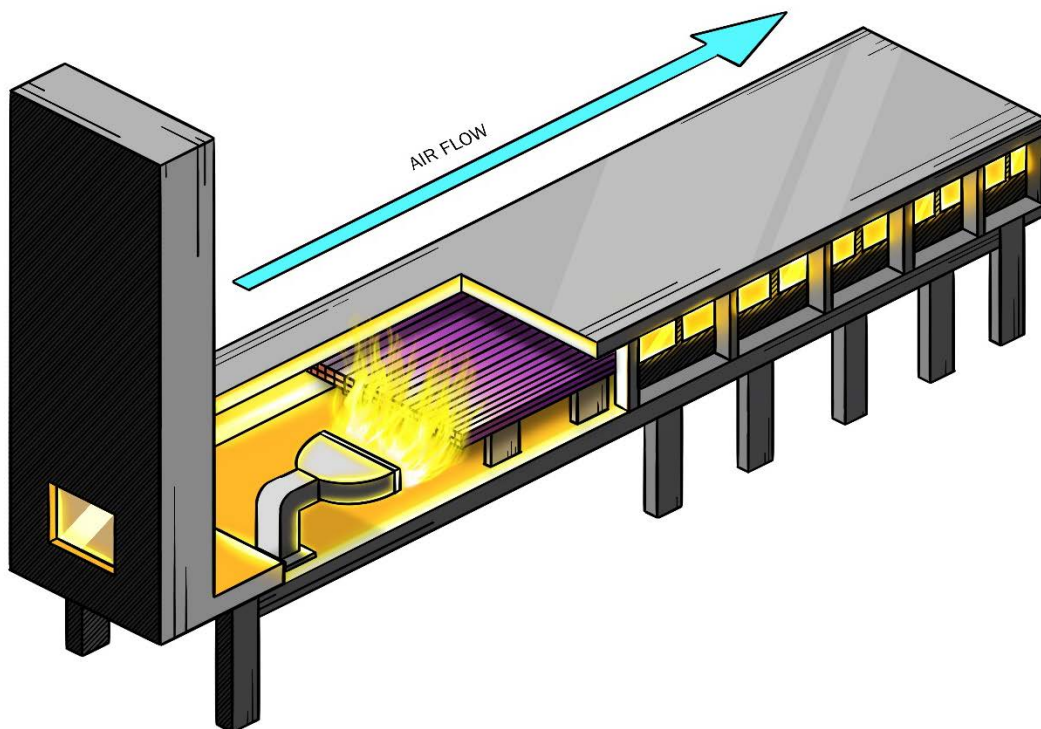


B3 INTERNATIONAL

CMP UL 910



This is a test for Flame-propagation and Smoke-Density Values for electrical and Optical-Fibre Cables used in spaces transporting environmental air.

Lay the specimens into a $7.3\text{m} \pm 51\text{mm}$ long ladder cable tray in straight, parallel rows to fill the width of the tray ($286 \pm 3\text{mm}$) without any space between adjacent specimens. The ignition burner flame is fuelled with bottled methane gas of uniform quality and with the higher heating value of 8.9 ± 0.1 kilocalories/ m^3 . The air velocity shall be obtained as 73.2 ± 1.5 m/min, Terminate the test 20minutes after the start of the test by shutting off the methane gas supply.

The Maximum flame propagation distance shall not exceed 152mm beyond the initial 137cm ignition burner flame, the peak optical density of the smoke produced shall not exceed 0.50. The average optical density of the smoke produced shall not exceed 0.15.