

Flame temperature	Given by the burner (154.5 kW) and the gas flow rate (1657 cm ³ /s)
Burner type	As specified in UL 1666, Fig. 4.3 (burner with diffusion plate of size 305x305 mm)
Sample position and Length	Vertical (in shaft) / 5.33 m (the number of samples has to be calculated)
Flame duration	30 min.
Conditions	The flame propagation height of each set of cable specimens shall not equal or exceed 12 ft, 0 in (3.66 m), and the temperature of any thermocouple shall not exceed 580°F (454.4°C). The difference between the flame propagation heights obtained with the two sets of cable specimens shall not be greater than 15%.

