UNITED ARAB EMIRATES
MINISTRY OF INTERIOR
GEN. COMMAND OF CIVIL DEFENSI

Table 9.29.A.: High Ceiling Sprinkler Protection Design Criteria				
HAZARD	CEILING HEIGHT 10 m TO 13.5 m	CEILING HEIGHT 13.5 m TO 18 m	CEILING HEIGHT 18 m TO 30 m	
3. HIGH HAZARD	K-factor- K11.2 (K160)	K-factor- K25.2 (K360)	K-factor- K25.2 (K360)	
	Min Pressure 12 psi (0.8 bar)	Min Pressure 7 psi (0.5 bar)	Min Pressure 7 psi (0.5 bar)	
	Min No of Sprinklers 06	Min No of Sprinklers 12	Min No of Sprinklers 12	
	Design Density gpm/ft ² (mm/m ²) 0.30 (12.0)	Pump Capacity Without hydrant- 1000 gpm With hydrants-1250 gpm	Pump Capacity Without hydrant- 1000 gpm With hydrants-1250 gpm	
	Design area ft ² (m ²) 3600 (340)			
	Pump Capacity Without hydrant- 1000 gpm With hydrants-1250 gpm			

