



AIR POLLUTION SELF-ASSESSMENT TEST LESSON 4

State whether each of the following statements about **Industrial Emission Reduction and Control Technologies** is True (T) or False (F)

1	Emission factors assume a linear relationship between the intensity of an activity and the emission resulting from this activity	T	F
2	BREF reports are published periodically collecting the Best Available Techniques for each industrial process	T	F
3	The fractional separation efficiency decreases with increasing particle size	T	F
4	Cyclones are usually employed as pre-cleaners	T	F
5	For a high-temperature gas, an adequate pretreatment to remove large PM would be a bag filter made of cotton	T	F
6	Electrostatic precipitators are not suitable for combustible particles.	T	F
7	Venturi washers are designed to effectively use the energy of the dirty gas stream to atomize the scrubbing liquid.	T	F
8	EPS's efficiency is inversely related to the area of the collecting electrodes	T	F
9	Absorption requires materials with extremely large surface-to-volume ratios	T	F
10	Biological systems are mainly used for removal of organic compounds.	T	F