

Terminology Used in OSHA Safety and Health Standards (29 CFR 1910)**Permissible Exposure Limit - 8-Hour**

This term is synonymous with the 8-hour time weighted average exposure limit. It represents the maximum 8-hour average exposure concentration which may occur in any 8-hour work shift of a 40 hour work week.

Action Level

An 8-hour time weighted average concentration of a contaminant in air (usually equal to 1/2 the PEL) at which some provisions of the standard apply. Medical monitoring is required for some contaminants when exposure exceeds the action level.

Ceiling Concentration

The maximum airborne concentration not to be exceeded during any 8-hour work shift. Ceiling concentrations may only be exceeded if a peak value is specified by OSHA.

Peak Exposure Concentration

A maximum concentration above the ceiling concentration to which an employee may be exposed for a brief period (usually 5-10 minutes). Acceptable peak concentrations are specified for only 21 compounds.

**OSHA EXPOSURE LIMITS FOR POTENTIAL
BELL SYSTEM AIR CONTAMINANTS**

	<u>8-Hour PEL</u>	<u>8-Hour Action Level</u>	<u>Ceiling Concentration</u>	<u>Peak Concentration</u>
Asbestos	2 fibers/cm ³	0.1 fibers/cm ³	10 fibers/cm ³	-
Lead	50 µg/m ³	30 µg/m ³	-	-
Benzene	30 mg/m ³ (10 ppm)	-	80 mg/m ³ (25 ppm)	160 mg/m ³ (50 ppm)