

EPA Regulations

WHAT IS NO_x?

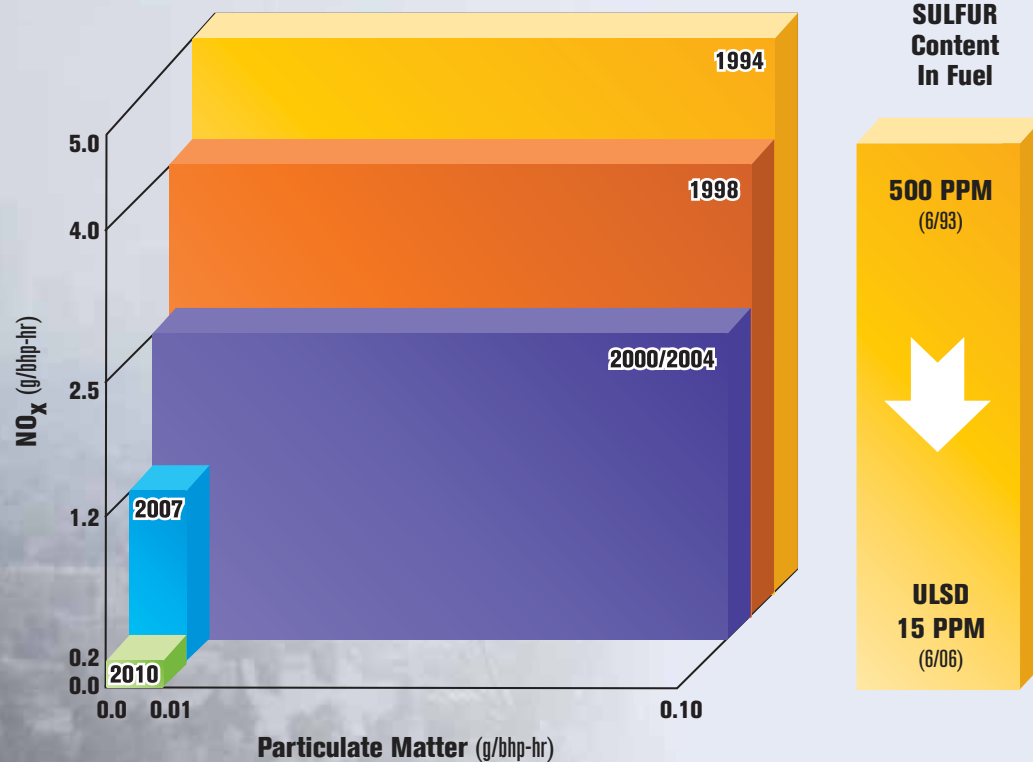
The atmosphere is 78% Nitrogen. High combustion temperatures inside an engine form NO_x. Once in the atmosphere, NO_x results in ground level ozone formation and smog.



How can we control NO_x emissions? Either by adding more equipment to the exhaust system to clean them up, or by reducing combustion temperatures to avoid creating the NO_x in the first place.



EPA regulations for NO_x (Oxides of Nitrogen) and PM (Particulate Matter or soot) have tightened.



In 2010 NO_x emissions must be reduced from 1.2 g/bhp-hr (grams per brake horsepower hour) to 0.2 g/bhp-hr.