

SYNOPSIS

Number and Title of the Indian Standard	CHD 35 (12537) PERFORMANCE CHARACTERISTICS OF AUTOMATED MEASUREMENT SYSTEMS Part 4 Nitrogen Oxides from Stationary Sources
a) Scope:	<p>This Indian Standard specifies the fundamental structure and the most important performance characteristics of automated measuring systems for oxides of nitrogen to be used on stationary source emissions, for example combustion plants.</p> <p>The procedures to determine the performance characteristics are also specified. Furthermore, it describes methods and equipment to determine NO or NO_x (NO + NO_x) in flue gases including the sampling system and sample gas conditioning system. Dinitrogen monoxide (N₂O) is not determined by the methods described in this Indian Standard.</p> <p>The given performance characteristics refer to the complete measuring system, from sampling to analyser. This Indian Standard describes extractive and non-extractive systems in connection with a range of analysers that operate using, for example, the following principles:</p> <ul style="list-style-type: none"> - chemiluminescence - non-dispersive infrared spectroscopy - non-dispersive ultraviolet spectroscopy - differential optical absorption spectroscopy
b) Salient features of content:	Definitions, principle, description and requirements of measuring equipment
c) Types/grades/classes, if any covered in the standard:	
d) Disclaimer (to be automatically provided by the program/software)	