

ISO/TR 17910:2024-01 (E)

Natural gas - Coal-based synthetic natural gas quality designation and the applicability of ISO/TC 193 standards

Contents		Page
Foreword		iv
Introduction		v
1 Scope		1
2 Normative references		1
3 Terms and definitions		1
4 Symbols and units		4
5 Brief introduction to CBSNG		4
5.1 The production progress of CBSNG.....		4
5.2 The distribution of CBSNG.....		5
5.3 Components and composition range of typical CBSNG.....		6
6 Applicability of sampling standard		6
7 Applicability of test and calculation standard		7
7.1 General.....		7
7.2 Gas composition.....		7
7.2.1 General.....		7
7.2.2 Major components.....		7
7.2.3 Minor components.....		9
7.2.4 Trace constituents.....		11
7.3 Gas properties.....		12
7.3.1 General.....		12
7.3.2 Physical properties.....		12
7.4 Solid particulate matter.....		14
Annex A (informative) Technical requirements and test methods for CBSNG		15
Annex B (informative) Test methods for hydrogen		16
Annex C (informative) Test methods for ammonia		17
Annex D (informative) Applicability of interchangeability		18
Bibliography		21