

ISO 4657:2022-01 (E)

Assessment specification of coalbed methane resources

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	General principles	2
4.1	Objective	2
4.2	Basic requirements	2
5	CBM resource evaluation workflow	2
5.1	General	2
5.2	Data collection and collation	2
5.2.1	Geophysical data	2
5.2.2	Regional geological data	2
5.2.3	Drilling data	3
5.2.4	Laboratory test data	3
5.3	Geological conditions analysis	3
5.3.1	Determination of exploration degree	3
5.3.2	Geologic map compiling	4
5.3.3	Comprehensive analysis	4
5.4	CBM resource calculation	4
5.4.1	General	4
5.4.2	Principles for input parameters value assignment for volumetric method	4
5.4.3	Volumetric method for CBM resources	5
5.4.4	Evaluation method for CBM reserves	6
5.5	Resource classification	7
6	Compilation of resource evaluation reports	8
6.1	Report requirements	8
6.2	Report text outline	8
6.3	Figures	8
6.4	Tables	8
Annex A (informative) Example of a CBM resource evaluation report outline		9
Bibliography		10