

# ISO 13500:2008-11 (E)

## Petroleum and natural gas industries - Drilling fluid materials - Specifications and tests

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	Scope .....	1
2	Normative references .....	1
3	Terms, definitions, symbols and abbreviations .....	1
4	Requirements .....	4
5	Calibration .....	4
6	Packaged material .....	11
7	Barite .....	13
8	Haematite (hematite) .....	22
9	Bentonite .....	30
10	Non-treated bentonite .....	34
11	OCMA grade bentonite .....	36
12	Attapulgitite .....	40
13	Sepiolite .....	43
14	Technical-grade low-viscosity CMC (CMC-LVT) .....	46
15	Technical-grade high-viscosity CMC (CMC-HVT) .....	50
16	Starch .....	55
17	Low-viscosity polyanionic cellulose (PAC-LV) .....	59
18	High-viscosity polyanionic cellulose (PAC-HV) .....	66
19	Drilling-grade xanthan gum .....	71
Annex A (informative) Mineral impurities in barite .....		83
Annex B (informative) Test precision .....		84
Annex C (informative) Examples of calculations .....		89
Bibliography .....		93