

DIN CEN ISO/TS 17969:2015-11 (E)

Petroleum, petrochemical and natural gas industries - Guidelines on competency for personnel (ISO/TS 17969:2015); English version CEN ISO/TS 17969:2015

Contents		Page
Foreword		4
1	Scope	5
2	Terms and definitions	5
3	Competency management system	6
3.1	General	6
3.2	Benefits of a CMS	6
3.3	Comparison of a CMS with an appraisal system	7
3.4	Creation of a CMS	7
3.4.1	CMS cycle	7
3.4.2	Phase 1 — Establish requirements for the CMS	9
3.4.3	Phase 2 — Design the CMS	10
3.4.4	Phase 3 — Implement the CMS	11
3.4.5	Phase 4 — Maintain and develop competence	11
3.4.6	Phase 5 — Verify, audit and review the CMS	13
4	Application of CMS requirements to well operations personnel	14
4.1	General	14
4.2	Recommended risk-based approach for well operations	15
4.3	Competency model	16
4.3.1	Well competency catalogue	16
4.3.2	Proficiency levels	17
4.3.3	Competency profile	19
4.4	Team competence	19
4.5	Leadership skills	19
4.6	Contract personnel	19
4.7	Roadmap to ensure competency	19
5	Examples of competency profiles	21
Annex A (informative)	Example competency assessment information	22
Annex B (informative)	Example of competency profile for drilling supervisor	27
Annex C (informative)	Example of competency profile for senior drilling engineer	28
Annex D (informative)	Example of competency profile for well examiner	29
Annex E (informative)	Example of competency profile for operations geologist	30
Bibliography		31