

DIN CEN ISO/TS 17969:2018-02 (E)

Petroleum, petrochemical and natural gas industries - Guidelines on competency management for well operations personnel (ISO/TS 17969:2017); English version
CEN ISO/TS 17969:2017

Contents		Page
Foreword.....		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Competency management system	3
4.1	General.....	3
4.2	Benefits of a CMS.....	3
4.3	Comparison of a CMS with an appraisal system.....	3
4.4	Development of a CMS.....	4
4.4.1	CMS cycle.....	4
4.4.2	Phase 1 — Establish requirements for the CMS.....	5
4.4.3	Phase 2 — Design the CMS.....	6
4.4.4	Phase 3 — Implement the CMS.....	7
4.4.5	Phase 4 — Maintain and develop competence.....	8
4.4.6	Phase 5 — Verify, audit and review the CMS.....	10
5	Application of CMS requirements to well operations personnel	11
5.1	General.....	11
5.2	Recommended risk-based approach for well operations.....	12
5.3	Competency model.....	13
5.3.1	Well competency catalogue.....	13
5.3.2	Proficiency levels.....	15
5.3.3	Competency profile.....	16
5.4	Team competence.....	16
5.5	Leadership skills.....	16
5.6	Contract personnel.....	17
5.7	Roadmap to ensure competency.....	17
6	Examples of competency profiles	19
Annex A (informative) Example competency assessment information		20
Annex B (informative) Example of competency profile for drilling supervisor		24
Annex C (informative) Example of competency profile for senior drilling engineer		25
Annex D (informative) Example of competency profile for well examiner		26
Annex E (informative) Example of competency profile for operations geologist		27
Bibliography		28