DIN CEN ISO/TS 3250:2023-06 (E)

Petroleum, petrochemical and natural gas industries - Calculation and reporting production efficiency in the operating phase (ISO/TS 3250:2021); English version CEN ISO/TS 3250:2022

Coı	ntents	F	Page	
Fore	eword		v	
Intr	oductio	n	v i	
1	Scop	е	1	
2	-	ormative references		
3				
	3.1	s, definitions and abbreviated terms Terms and definitions		
	3.2	Abbreviations		
4	Annli	ication		
	4.1	Users of this document		
	4.2	Framework conditions		
		4.2.1 General	14	
		4.2.2 Quality assurance		
		4.2.3 HSE considerations		
		4.2.4 Sustainability and climate change considerations		
	4.3	Business category	17	
	4.4	Overview of PE calculation and reporting work process		
	4.5 4.6	LimitationsPE data exchange between operators in benchmarking		
5		ormance measures		
	5.1	General		
	5.2	Production efficiency		
		5.2.1 PE forecasting		
		5.2.3 Initial production performance		
	5.3	PE measurement		
	5.4	PE calculation methodology		
		5.4.1 PE calculation formula		
		5.4.2 PE boundary conditions and reporting period	23	
	5.5	Injection efficiency calculation formula	23	
6	Prod	uction	24	
	6.1	General	24	
	6.2	Material balance		
	6.3	Export – measured product		
	6.4	Conversion factors for oil equivalents		
	6.5	Injection		
	6.6 6.7	Disposal – general		
	0.7	6.7.1 Production facilities with a gas export route (to sales)		
		6.7.2 Production facilities with a gas export route (to sales)		
		6.7.3 Production facilities with no gas export route or other gas disposal routes		
		6.7.4 Flaring restrictions		
	6.8	Disposal – venting of small volumes		
	6.9	Fuel	27	
	6.10	Import		
	6.11	Artificial lift	28	
7	Prod	uction potential	28	

	7.1	General	28
	7.2	Methods for determination of production potential	28
	7.3	Structural maximum production potential (Method A)	
	7.4	Achieved production potential (Method B)	30
	7.5	Differences between Method A and Method B	30
	7.6	Adjusting the production potential	31
	7.7	Schedule delays	
	7.8	Injection potential	
8	Prod	luction loss categories	35
	8.1	General	35
	8.2	Planned and unplanned events	35
	8.3	Turnaround	35
	8.4	Modification	36
	8.5	Pre-production	
	8.6	Flaring and venting of gas	36
	8.7	Injection	36
	8.8	Accounting period	
Ann	ex A (no	ormative) Production loss categorization	38
Ann	ex B (in	formative) Performance measures for production availability	49
Ann	ex C (no	ormative) Taxonomy classification	52
Ann	ex D (in	nformative) Production loss subdivision with respect to system and equip	ment class 53
Ann	ex E (in	formative) Examples	59
Bibl	iogranl	ny	71