

目次

综述·实验研究·完整性



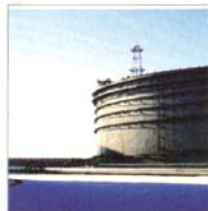
- 美国油气管道维抢修应急响应程序 石蕾,郝建斌,郭正虹等(881)
- 苏丹3/7区原油管道的停输安全性 王乾坤,徐诚,毛珊等(885)
- 控应变流变仪测试含蜡原油的胶凝过程 李其抚,苗青,胡森等(891)
- 新型载体Z-N催化剂在减阻剂制备中的应用 杨法杰,李志文,李春漫等(893)
- 油田注水系统结垢腐蚀机理 谢飞,吴明,陈旭等(896)
- 静态平面O形橡胶圈密封失效原因与选型设计 高慧(900)
- 高压天然气管道泄漏燃烧爆炸后果 冯文兴,项小强,闫啸等(903)

设计计算·计量技术



- 输气管道泄漏仿真 赵会军,曹波,周宁等(905)
- 提高成品油管道混油界面跟踪精度的新方法 郭祎(908)
- 天然气长输管道焊口开裂泄漏原因 常兴(910)
- 管道顺序输送混油浓度一维模型的应用 胡焯,陈世一(913)
- 基于ANSYS的双点腐蚀缺陷管道剩余强度评价 洪来凤,孙铁,赵志海(916)
- 油罐综合计量系统研制与应用 罗时金,陆春红,李自力等(918)
- 超声计量系统的远程诊断 李锴,牛树伟,高洪智(921)

问题讨论·经验交流



- 管道试压的ASME标准和SNIP标准对比 岳新民,唐智树,孙增武(925)
- 大型储罐检测标准对比分析 赵彦修,闫河(929)
- 国内外大型储罐的设计标准对比 吴龙平,明斐卿,罗丽华等(933)
- 腰轮流量计运行管理中存在的问题 万建军,李汲峰,赵璟(937)
- 超高分子量聚乙烯钢骨架复合管的应用可行性 郭正虹,石蕾,刘末等(939)
- 东北管道内检测缺陷的开挖定位 张华兵,程五一,王富才等(941)

机械设备·实践天地·检测技术



- 异形浮动螺旋动力密封设计 王克华,张晓萍(943)
- 原油含水率测定误差的产生原因与处理措施 史培玉,徐亮,康厂等(947)
- 压缩机组差压式液位计运行故障与处理 康亮,王崇,熊寅铭(950)
- 兰郑长成品油管道投产运行问题 高宏扬,王鹏,张昊等(952)
- 抚顺一鲅鱼圈成品油管道调度运行管理系统 刘学志,吴明,王维强等(954)
- 基于SCADA的原油管道泄漏监测系统 孙伟,叶建华,张宇(957)

简讯

本刊加入“中国知网”学术期刊优先数字出版平台(932) 下期要目(953)

OIL & GAS STORAGE AND TRANSPORTATION

(MONTHLY)

Vol. 29 No. 12 (Total No. 264) Dec. 25, 2010

CONTENT

OVERVIEW · EXPERIMENT & RESEARCH · INTEGRITY ·

- Emergency Response Procedure of Repair in American Oil and Gas Pipelines
..... Shi Lei, Hao Jianbin, Guo Zhenghong, et al (881)
- Shutdown Safety of Crude Oil Pipeline in Sudan Block 3/7
..... Wang Qiankun, Xu Cheng, Mao Shan, et al (885)
- Waxy Crude Oil Gelling Properties Test by Strain-controlled Rheometer
..... Li Qifu, Miao Qing, Hu Sen, et al (891)
- Application of New Supported Z-N Catalyst in Preparation of Drag Reducing Agent
..... Yang Fajie, Li Zhiwen, Li Chunman, et al (893)
- Mechanism of Scaling Corrosion for Water Injection System of Oilfield
..... Xie Fei, Wu Ming, Chen Xu, et al (896)
- Failure Reason of the Static Planar O-shape Rubber Seal Ring and Type Selection
..... Gao Hui (900)
- Consequence of Combustion and Explosion After High-pressure Natural Gas Pipeline Leakage
..... Feng Wenxing, Xiang Xiaoqiang, Yan Xiao, et al (903)

DESIGN & CALCULATION · METERING TECHNOLOGY

- Leakage Simulation of Gas Transmission Pipeline
..... Zhao Huijun, Cao Bo, Zhou Ning, et al (905)
- A Novel Method to Improve the Tracing Precision of Contamination Interface for Products Pipeline
..... Guo Yi (908)
- Reason Analysis on Weld Cracking in Long-distance Gas Pipelines
..... Chang Xing (910)
- Application of One-dimensional Model of Contaminated Concentration in Pipeline Batch Transportation
..... Hu Xuan and Chen Shiyi (913)
- Residual Strength Evaluation on Corroded Pipeline Based on Double-oval Scallops Model
..... Hong Laifeng, Sun Tie, Zhao Zhihai (916)
- Integrated Metering System Development and Application for Oil Tank
..... Luo Shijin, Lu Chunhong, Li Zili, et al (918)
- Remote Diagnosis of Ultrasonic Metering System
..... Li Kai, Niu Shuwei, Gao Hongzhi (921)

QUESTION & DISCUSSION · EXPERIENCE EXCHANGE

- Comparison of ASME Code and SNIP Standard About Pipeline Pressure Test
..... Yue Xinmin, Tang Zhishu, Sun Zengwu (925)
- Comparative Analysis on Inspection Standards for Large-scale Storage Tank
..... Zhao Yanxiu and Yan He (929)
- Design Standards for Large-scale Storage Tanks Worldwide
..... Wu Longping, Ming Feiqing, Luo Lihua, et al (933)
- Technical Problems in Roots Flowmeter in Running
..... Wan Jianjun, Li Jifeng, Zhao Jing (937)
- The Applicability of UHMW-PE Steel Reinforced Pipe
..... Guo Zhenghong, Shi Lei, Liu Mo, et al (939)
- Excavation to Locate the Defects of Pipeline Based on Internal Inspections in Northeast Oil Pipeline Networks
..... Zhang Huabing, Cheng Wuyi, Wang Fucai, et al (941)

MECHANICAL EQUIPMENT · APPLICATION REPORT · INSPECTION TECHNOLOGY

- Design of Special-shaped Floating Spiral Dynamic Seal
..... Wang Kehua and Zhang Xiaoping (943)
- Error Source and Treatment Measures of Water Cut Measurement for Crude Oil
..... Shi Peiyu, Xu Liang, Kang Chang, et al (947)
- Operation Malfunction and Recovery of Differential Pressure Type Liquid Level Gauge for Compressor Unit
..... Kang Liang, Wang Chong, Xiong Yinming (950)
- Problems of Commissioning and Operation for Lanzhou-Zhengzhou-Changsha Products Pipeline
..... Gao Hongyang, Wang Peng, Zgang Hao, et al (952)
- Scheduling Operating Management System for Fushun-Bayuquan Products Pipeline
..... Liu Xuezhi, Wu Ming, Wang Weiqiang, et al (954)
- Leakage Monitoring System of Crude Oil Pipeline Based on SCADA System
..... Sun Wei, Ye Jianhua, Zhang Yu (957)