



美国化学文摘(CA)收录期刊
美国《乌利希期刊指南》收录期刊
俄罗斯《文摘杂志》收录期刊
中国科技核心期刊

ISSN 1000-8241
CN 13-1093/TE

2012.12第31卷

12

油气储运

Oil & Gas Storage and Transportation

主办单位：中国石油天然气股份有限公司管道分公司



ISSN 1000-8241



9 771000 824125

管道完整性管理现阶段的几点思考
基于卫星物联网技术的油气管道远程监控
城市燃气管网完整性管理实施流程
基于应变的管道强度设计方法的适用性

目次

2012年12月第31卷第12期总第288期(卷终) YOUQI CHUYUN

综述 / 油气储存 / 输送工艺 / 电力通信



881 管道完整性管理现阶段的几点思考

姚伟

884 天然气长输管道压缩机站设计新技术

李广群,孙立刚,毛平平,等

887 输气管道压气站余热的利用

徐铁军,张伟伟,吴中林

891 低渗岩性气藏建设地下储气库工作气量的确定

刘志军,兰义飞,冯强汉,等

895 高分子聚合物的湍流减阻机理

张兵强,梁光川,郇利民,等

898 基于卫星物联网技术的油气管道远程监控

夏文鹤,茹黎南,李明,等

完整性 / 防腐保温 / 经验交流



903 HAZOP 分析技术在输油管道站场的应用

冯文兴,贾光明,谷雨雷,等

906 物联网技术在管道完整性管理中的应用

董绍华,韩忠晨,杨毅,等

909 城市燃气管网完整性管理实施流程

赵永起,刘国群,张文东,等

912 输油管道腐蚀状况与剩余强度分析

黄亮亮,孟惠民,陈建民,等

917 输气管道法兰泄漏在线治理技术方案

彭忍社,尹旭东,李虎

919 井口安全监控系统及其应用

周国英,谢爽

设计计算 / 实践天地



923 T 形管内油水两相流动规律及其应用

魏丛达,许晶禹,王立洋,等

927 运行工况下隧道内输气管道的应力分析

吴晓南,鲜燕,黄坤,等

931 液化天然气 BOG 的计算方法与处理工艺

孙宪航,陈保东,张莉莉,等

934 石油天然气管道站内管道爆破吹扫

黄春芳,陈燕,周芳,等

937 横琴—澳门输气管道三甘醇/氮气深度干燥

常兴,刘骁,毕建伟,等

施工技术 / 问题讨论



941 滑管安装技术在山区管道施工中的应用

焦如义,魏国昌,尹辉庆,等

945 长输油气管道河沟段水毁危害特征与防护结构

李亮亮,邓清禄,余伟,等

950 陡坡溜管施工在西二线管道工程中的应用

高志川,刁凤东,霸磊,等

952 基于应变管道强度设计方法的适用性

张宏,崔红升

955 水热迁移对饱和冻土应力及变形的影响

付俊鹏,马贵阳,宁雯宇

958 天然气管道通过权问题积弊与对策

曾崇荣,杨峰

简讯

编辑一隅(940) 撰稿指南(944) 下期要目(954)

期刊基本参数: CN 13-1093/TE*1977*m*A4*88*zh+en*P*¥18.00*3500*23*2012-12*n



OVERVIEW / OIL & GAS STORAGE / TRANSPORTATION TECHNOLOGY / POWER & COMMUNICATION

- 881 Some thinking about pipeline integrity management at the current stage Yao Wei
- 884 New technologies used in compressor station design of long-distance gas pipeline
..... Li Guangqun, Sun Ligang, Mao Pingping, et al
- 887 Waste heat utilization from compressor station of gas pipeline
..... Xu Tiejun, Zhang Weiwei, Wu Zhonglin
- 891 The determination of working gas volume of underground gas storage constructed for low permeability lithologic gas
reservoirs..... Liu Zhijun, Lan Yifei, Feng Qiangnan, et al
- 895 Drag reduction mechanism of polymer under turbulent flow
..... Zhang Bingqiang, Liang Guangchuan, Li Limin, et al
- 898 Remote monitoring on oil and gas pipelines with satellite Internet of Things network
..... Xia Wenhe, Ru Linan, Li Ming, et al

INTEGRITY / CORROSION CONTROL & INSULATION / EXPERIENCE EXCHANGE

- 903 The application of HAZOP analysis technology in pump stations of oil pipeline
..... Feng Wenxing, Jia Guangming, Gu Yulei, et al
- 906 The application of Internet of Things technology in the integrity management of pipeline
..... Dong Shaohua, Han Zhongchen, Yang Yi, et al
- 909 The implementation flow process of integrity management for urban gas networks
..... Zhao Yongqi, Liu Guoqun, Zhang Wendong, et al
- 912 Analysis of corrosion conditions and residual strength of oil pipeline
..... Huang Liangliang, Meng Huimin, Chen Jianmin, et al
- 917 Technical approach to on-line control of flange leakage of gas pipelines
..... Peng Renshe, Yin Xudong, Li Pang
- 919 Wellhead safety monitoring system and its application Zhou Guoying and Xie Shuang

DESIGN & CALCULATION / APPLICATION REPORT

- 923 The law of oil-water two-phase flow in T-shaped pipeline and its application
..... Wei Congda, Xu Jingyu, Wang Liyang, et al
- 927 The stress analysis of tunnel gas pipeline under operating situation
..... Wu Xiaonan, Xian Yan, Huang Kun, et al
- 931 BOG calculation method and processing technique of liquefied natural gas
..... Sun Xianhang, Chen Baodong, Zhang Lili, et al
- 934 Bursting purge method in stations of oil and gas pipeline Huang Chunfang, Chen Yan, Zhou Fang, et al
- 937 TEG/nitrogen deep drying for Hengqin-Macau Gas Pipeline Chang Xing, Liu Xiao, Bi Jianwei, et al

CONSTRUCTION TECHNOLOGY / QUESTION & DISCUSSION

- 941 Pipe-slipping installation technology applied to the construction of mountain pipeline
..... Jiao Ruyi, Wei Guochang, Yin Huiqing, et al
- 945 The water damage hazard characteristics of long-distance oil and gas pipelines in river sections and protective structures
..... Li Liangliang, Deng Qinglu, Yu Wei, et al
- 950 Technique of steep slope pipe-slipping construction in the 2nd West-to-East Gas Pipeline Project
..... Gao Zhichuan, Diao Fengdong, Ba Lei, et al
- 952 The applicability of strain-based pipeline strength design method
..... Zhang Hong and Cui Hongsheng
- 955 The influence of moisture-heat transfer on saturated frozen soil stress and deformation
..... Fu Junpeng, Ma Guiyang, Ning Wenyu
- 958 The disadvantages of right-of-way of gas pipelines and its countermeasures
..... Zeng Chongrong and Yang Feng