



综述·完整性·实验研究

- 油气管道完整性管理体系 董绍华,王联伟,费凡等 (641)
盐穴地下储气库风险评估技术与控制措施 李丽锋,罗金恒,赵新伟等 (648)
盐穴储气库国内外发展概况 郑雅丽,赵艳杰 (652)
卫星监测技术在预防管道第三方破坏中的应用 南立团,陈利琼,段永红等 (656)
油气管道裂纹评价方法 刘悦,孟贺学 (660)
破乳剂对含水稠油流变性的影响 徐诚,黄启玉,黄小娟等 (664)



设计计算·防腐保温

- 冻土区热油管道周围土壤水热耦合数值模拟 杜明俊,马贵阳,李吉宏等 (665)
温度参数对输气管道工艺设计的影响 江国业,吴先策 (669)
热收缩带热熔胶粘剂湿热老化性能 折恕平,赵吉诗,侯宇等 (673)
带配重海管内壁和管端的特殊防腐技术 严密林,梅奇,冯耀荣等 (677)
基于灰色系统理论改进模型的储罐腐蚀速率预测 朱本廷,吴明,陈军 (679)



输送工艺·工程经济·机械设备

- 混合原油粘温数学模型研究进展 郑云萍,李勤,汪玉春等 (683)
港珠成品油管道停输后管内压力下降原因 郭伟,许玉磊,刘佳等 (687)
热油管道运行经济性的若干影响因素 孟振虎,刘丹 (689)
复合型液封技术在液压安全阀上的应用 罗来龙,骆学军,刘昆鹏等 (696)
天然气管道速度可控清管器的设计 耿岱,张仕民,刘恒等 (698)



节能环保·检测技术·问题讨论

- 节能涂料在原油管道加热炉上的试应用 杨景丽,刘国豪,许铁等 (701)
任丘首站阴极保护系统检测与评价 吴长访,何崇伟,李荣光等 (703)
克乌成品油管道复线试压爆管的原因 刘志增,郑照东,王瑜 (705)
长输天然气管道输损管理 李锴,牛树伟,刘治华 (708)
测温仪表准确度对热油管道能耗的影响 刘洪亮 (711)
哈萨克斯坦与我国原油管道工艺设计规范对比 张薇,孟祥海,汪敏等 (713)
控制储油温度延长成品油的储存期 张运华,殷孟连,王帅 (716)

简讯

下期要目 (676) 题录 (719)

OIL & GAS STORAGE AND TRANSPORTATION

(MONTHLY)

Vol. 29 No. 9 (Total No. 261) Sept. 25, 2010

CONTENT

OVERVIEW - INTEGRITY - EXPERIMENT & RESEARCH

Integrity Management System of Oil & Gas Pipelines

- Dong Shaohua, Wang Lianwei, Fei Fan, et al (641)
Risk Assessment Technique and Control Measures of Salt Cavern Underground Gas Storage
..... Li Lifeng, Luo Jinheng, Zhao Xinwei, et al (648)
General Situation of Salt Cavern Gas Storage Worldwide
..... Zheng Yali and Zhao Yanjie (652)
Application of Satellite Monitoring Technology in Preventing the Third Party Damage in Pipelines
..... Nan Lituan, Chen Liqiong, Duan Yonghong, et al (656)
Crack Evaluation Method of Oil & Gas Pipelines
..... Liu Yue and Meng Hexue (660)
Influence of Demulsifier on the Rheology of Water-content Heavy Crude Oil
..... Xu Cheng, Huang Qiyu, Huang Xiaojuan, et al (664)

DESIGN & CALCULATION - CORROSION CONTROL & INSULATION

Numerical Simulation on Moisture-Heat Coupling of the Soil Around Hot Oil Pipeline in Permafrost Region

- Du Mingjun, Ma Guiyang, Li Jihong, et al (665)
Influence of Temperature Parameter on Technology Design of Gas Transmission Pipeline
..... Jiang Guoye and Wu Xiance (669)
Damp Heat Aging Performance of Hot-melt Adhesive for Heat Shrinkable Sleeve
..... She Shuping, Zhao Jishi, Hou Yu, et al (673)
Special Corrosion Control Technique for Internal Pipe Wall and Pipe Ends of Submarine Pipeline with Concrete Blocks
..... Yan Milin, Mei Qi, Feng Yaorong, et al (677)
Corrosion Rate Prediction of Tank Based on Modified Grey System Theory Model
..... Zhu Benting, Wu Ming, Chen Jun (676)

TRANSPORTATION PROCESS - ENGINEERING ECONOMY - MECHANICAL EQUIPMENT

Study Progress in Viscosity-Temperature Mathematical Model of Mixed Crude Oil

- Zheng Yunping, Li Xun, Wang Yuchun, et al (683)
Cause Analysis on Pressure Drawdown of GangZao Products Pipeline after Shutting Down
..... Guo Yi, Xu Yulei, Liu Jia, et al (687)
Several Influence Factors of Operation Economy for Hot Oil Pipeline
..... Meng Zhenhu and Liu Dan (689)
Application of Complex Liquid Sealing Technique in Hydraulic Relief Valve
..... Luo Lailong, Luo Xuejun, Liu Kunpeng, et al (696)
Design of Velocity-controllable Pig for Natural Gas Pipeline
..... Geng Dai, Zhang Shimin, Liu Heng, et al (698)

ENERGY SAVEING & ENVIRONMENTAL PROTECTION - INSPECTION TECHNOLOGY -

QUESTION & DISCUSSION

Implementation of Energy Saving Coating Material in Heaters for Oil Pipeline

- Yang Jingli, Liu Guohao, Xu Tie, et al (701)
Inspection and Evaluation on the Cathodic Protection System in Renqiu Initial Pump Station
..... Wu Changfang, He Chongwei, Li Rongguang, et al (703)
Fracture Cause of Karamay-Urumqi Products Parallel Pipeline During Pressure Test
..... Liu Zhizeng, Zheng Zhaodong, Wang Yu (705)
Gas Transmission Loss Control of Long-distance Gas Pipeline
..... Li Kai, Niu Shuwei, Liu Zhihua (708)
Effect of the Thermometer Accuracy on Energy Consumption of Hot Oil Pipeline
..... Liu Hongliang (711)
Differential in the Process Design Standards of Oil Pipeline between CTTY153-39-167-2006 and GB 50253-2006
..... Zhang Wei, Meng Xianghai, Wang Min, et al (713)
Temperature Control to Extend Storage Period of Products
..... Zhang Yunhua, Yin Menglian, Wang Shuai (716)