

管道技术与设备[®]

GUANDAO JISHU YU SHEBEI

第2期(总第156期) 2019年3月出版 双月刊 公开发行人

目 次

设计与研究

- 油气行业无机垢生成机理及动力学研究进展 王炳人,胡长朝(1)
- 同沟敷设管道在两次试验条件下的影响结果比对分析 谢 萍,伍 奕(5)
- 特石管线超稠油管道暖管技术研究 赵 明,王 红,刘 伟,王 宇,罗 超,李文文,蒋 旭(9)
- 极寒地区燃煤电厂脱硫工艺管道设计优化 王芙蓉,刘伟光(13)
- 风速对激光检测天然气管道泄漏影响分析 杨东财(16)

控制与测量

- 城市燃气管道带气作业自动控压方法
..... 张明作,韩赞东,史立军,王友军,闫兴瑾,汪建平,党 辉,王 建(19)
- 管道压降可持续测量系统研究 刘珈铨,吕朝旭,孙云龙,丁 凯(23)
- 基于一类支持向量机的管道安装应力智能检测技术
..... 於为刚,陈 果,寸文渊,赵正大,张凯勇,陈雪梅,侯民利(28)

管件与设备

- 钢管对接焊缝试样自动切割平台设计与应用 施连义,王长江,刘 然,冯大勇(34)
- 美国与欧盟法兰设计标准发展与设计方法分析 曹 磊,陈 平(36)
- 基于弹塑性有限元的管法兰最大螺栓安装载荷确定 王 璐,薛吉林(41)

腐蚀与防护

- 沟槽腐蚀电位和电流密度对比研究 任永峰,李鸿斌,李周波,王 涛,祝少华(46)
- 含水原油对弯管腐蚀性影响与防护研究 樊文娟,曹钜昊,姬忠文,蔡文芳(49)
- 输油臂腐蚀评估模型的建立与应用 练 斌,李松林,王海锋,赵元元(53)
- 并行敷设埋地输油管道的PCM+检测 丁战武,陈 帅,徐 勇,邵大伟,关志强(57)
- 交流高压线对埋地管道阴极保护影响研究 祝兴辉,王树辉,韩月红(60)

凡被本刊录用的文章,不得一稿多投,否则引起的版权纠纷全部由作者负责。

Pipeline Technique and Equipment

2019 No.2(Sum.No.156) Bimonthly

* Main Contents *

- Review of Formation Mechanism and Kinetics of Inorganic Scaling in Oil and Gas Industry WANG Bing-ren, HU Chang-chao(1)
- Comparison and Analysis of Influence Results of Same Ditch Laying Pipes under Two Test Conditions XIE Ping, WU Yi(5)
- Research on Pipeline Heating Technology of Teshi Super Heavy Oil Pipeline
..... ZHAO Ming, WANG Hong, LIU Wei, WANG Yu, LUO Chao, LI Wen-wen, JIANG Xu(9)
- Design Optimization of Desulfurization Process Piping for Coal-fired Power Plants in Extremely Cold Area
..... WANG Fu-rong, LIU Wei-guang(13)
- Study of Wind Speed Effect on Laser Detection in Natural Gas Pipeline Leaking YANG Dong-cai(16)
- Automatic Control Method for Operating Pressure of City Gas Pipeline
ZHANG Ming-zuo, HAN Zan-dong, SHI Li-jun, WANG You-jun, YAN Xing-cui, WANG Jian-ping, DANG Hui, WANG Jian(19)
- Study of Sustainable Measurement System of Pipeline Pressure Drop LIU Jia-quan, LYU Zhao-xu, SUN Yun-long, DING Kai(23)
- Intelligent Detection Technology of Pipe Installation Stress Based on One-class Support Vector Machine
..... YU Wei-gang, CHEN Guo, CUN Wen-yuan, ZHAO Zheng-da, ZHANG Kai-yong, CHEN Xue-mei, HOU Min-li(28)
- Design and Application of Automatic Cutting Platform for Steel Tube Butt Weld Specimens
..... SHI Lian-yi, WANG Chang-jiang, LIU Ran, FENG Da-yong(34)
- Design Standard Development and Design Method Analysis of Flange in USA and EU CAO Lei, CHEN Ping(36)
- Determining Maximum Bolt Assembly Load of Bolted Pipe Flange Joint Based on Elastic-plastic Finite Element
..... WANG Lu, XUE Ji-lin(41)
- Study on Contrast of Corrosion Potential and Current Density of Grooves
..... REN Yong-feng, LI Hong-bin, LI Zhou-bo, WANG Tao, ZHU Shao-hua(46)
- Research in Effect and Protection of Hydrous Crude on Elbow Corrosion
..... FAN Wen-juan, CAO Ju-hao, JI Zhong-wen, CAI Wen-fang(49)
- Establishment and Application of Corrosion Assessment Model for Oil Delivery Arm
..... LIAN Bin, LI Song-lin, WANG Hai-feng, ZHAO Yuan-yuan(53)
- PCM+ Detection of Buried Oil Pipeline in Parallel DING Zhan-wu, CHEN Shuai, XU Yong, SHAO Da-wei, GUAN Zhi-qiang(57)
- Study on Influence of AC High Voltage Line for Cathodic Protection of Buried Pipeline
..... ZHU Xing-hui, WANG Shu-hui, HAN Yue-hong(60)