

目次

2011年4月第30卷第4期 总第268期

YOUQI CHUYUN

综述 / 输送工艺



241 多相混输管道蜡沉积研究进展

段纪森, 宫敬, 张宇, 等

249 复合纳米材料对含蜡原油析蜡特性的影响

张冬敏, 姜保良, 张立新, 等

252 中国—朝鲜原油管道中方段流动安全性评价

苗青, 衣桂影, 徐波, 等

255 成品油顺序输送混油的检测与切割

戴福俊

完整性 / 施工技术



259 储罐与工艺管道的完整性管理

陈健峰, 税碧垣, 沈煜欣, 等

263 天然气管道失效的定量风险分析

郝永梅, 邢志祥, 王凯全, 等

266 基于完整性管理的川气东送数字化管道系统

薛光, 袁献忠, 张继亮

269 卵石层地质条件下定向钻穿越工艺与设备优化

夏于飞, 史占华, 陈亚军

273 山区陡坡段大口径管道的施工技术

雷礼斌, 尹番, 廖福林, 等

276 川气东送管道江西支线的投产置换

刘建新, 李刚川

设计计算 / 机械设备 / 节能环保



279 管道智能封堵器锚爪结构的优化

耿岱, 张仕民, 王德国, 等

283 低持液率湿天然气集输管道的水力计算模型

宋立群, 李玉星, 周中强

288 基于改进算法的城市燃气输配管网功能分析

李江, 唐川, 严宇

291 微孔开挖修复系统在地下燃气管网的应用

徐晓, 许俊城, 李龙, 等

293 热泵在原油长输管道的应用前景

赵慧, 倪洪亮, 王博, 等

297 管道油品泄漏原因及其对环境的影响

宋晓琴, 刘广文, 王雯娟

防腐保温 / 实验研究 / 油气储存 / 问题讨论



299 埋地钢质管道外涂层缺陷的安全质量分级评价

周祥

303 钢管 3PE 防腐施工中聚乙烯原材料的消耗控制

冯晓东, 翟翔, 王欢, 等

305 3PE 管道的防腐补口方式

孙庆峰

308 立式储罐液体泄漏过程的模拟实验

周超, 王志荣

312 蜡沉积层冲刷实验

黄启玉, 何莎莎

314 固定顶油罐油气空间温度梯度与小呼吸降耗措施

杨宏伟, 杨士亮, 费逸伟, 等

316 西南成品油管道显性摩阻因数计算式的选取

梁永图, 郝丰斐, 刘静, 等

简讯 下期要目 (278)

期刊基本参数: CN 13-1093/TE*1977*m*A4*88*zh + en*P*¥18.00*3000*21*2011-04*en



OVERVIEW /TRANSPORTATION PROCESS

- 241 Research progress of wax deposition in multiphase mixed transmission pipeline
.....Duan Jimiao, Gong Jing, Zhang Yu, et al
- 249 The influence of composite nanometer-sized material on wax deposit property of waxy crude oil
.....Zhang Dongmin, Jiang Baoliang, Zhang Lixin, et al
- 252 Flow safety evaluation for China section of China-North Korea Crude Oil Pipeline.....Miao Qing, Yi Guiying, Xu Bo, et al
- 255 Detection and cutting technique of oil contamination in batch transportation process.....Dai Fujun

INTEGRITY / CONSTRUCTION TECHNIQUE

- 259 Integrity management of storage tank and process pipeline.....Chen Jianfeng, Shui Biyuan, Shen Yuxin, et al
- 263 Quantitative risk analysis of natural gas pipeline failure.....Hao Yongmei, Xing Zhixiang, Wang Kaiquan, et al
- 266 Integrity management-based digitalization system of Sichuan Gas-to-East Transmission Pipeline
.....Xue Guang, Yuan Xianzhong, Zhang Jiliang
- 269 Directional drilling crossing technology in pebble bed geology and equipment optimization
.....Xia Yufei, Shi Zhanhua, Chen Yajun
- 273 Installation technique of large diameter pipeline in mountain steep slope areas.....Lei Libin, Yin Fan, Liao Fulin, et al
- 276 Commissioning and displacement of Jiangxi Branch Pipeline in Sichuan Gas-to-East Transmission Pipeline
.....Liu Jianxin and Li Gangchuan

DESIGN & CALCULATION /MECHANICAL EQUIPMENT /ENERGY SAVING & ENVIRONMENTAL PROTECTION

- 279 The optimization of the fluke structure of intelligent pipe plug.....Geng Dai, Zhang Shimin, Wang Deguo, et al
- 283 Hydraulic calculation model of low holdup wet natural gas transmission pipeline
.....Song Liqun, Li Yuxing, Zhou Zhongqiang
- 288 The performance analysis of urban gas transmission and distribution based on improved algorithm
.....Li Jiang, Tang Chuan, Yan Yu
- 291 The application of non-excavation repair system in urban underground gas pipeline
.....Xu Xiao, Xu Juncheng, Li Long, et al
- 293 Application prospect of heat pump in long-distance crude oil pipeline..... Zhao Hui, Ni Hongliang, Wang Bo, et al
- 297 The influence of oil pipeline leakage on environmental pollution..... Song Xiaoqin, Liu Guangwen, Wang Wenjuan

CORROSION CONTROL & INSULATION / EXPERIMENT & RESEARCH / OIL & GAS STORAGE /QUESTION DISCUSSION

- 299 Safety quality grading evaluation on the external coating defects of buried steel pipeline.....Zhou Xiang
- 303 Consumption control of polyethylene material in 3PE application of steel pipe
.....Feng Xiaodong, Zhai Xu, Wang Huan, et al
- 305 Field coating for welded joint technique of 3PE pipeline.....Sun Qingfeng
- 308 Leakage process simulation of vertical tank.....Zhou Chao and Wang Zhirong
- 312 Scouring test of wax deposition layer.....Huang Qiyu and He Shasha
- 314 Temperature gradient of hydrocarbon space in fixed roof tank and measures of reducing consumption by breathing loss
.....Yang Hongwei, Yang Shiliang, Fei Yiwei, et al
- 316 Explicit formula determination on friction factor for Southwest Products Pipeline
.....Liang Yongtu, Hao Fengfei, Liu Jing, et al