

目次

● 论文广场

- 05 带V形支撑的大型U形管式高压加热器固有频率计算 余维麟 邓科 季敏东 王俊辉
Natural Frequency Calculation of Large U-Tube High Pressure Closed Feed Water Heater with V-Type Support
- 09 外压作用下筒锥组合容器的有限元失稳分析 刘海浪 张志光 卢志明
Buckling Analysis of Cylindrical-to-conical External Pressure Vessels by Finite Element Method
- 12 自升式钻井平台悬臂梁载荷试验研究与方案设计 姬晓东
Scheme Study and Design for Cantilever Beam Load Test of Jack-up Rig
- 18 压力容器三种检验方法的比较研究 王中原
Comparison and Research on Three Inspections of Pressure Vessel
- 22 100000m³原油储罐壁板预制质量控制措施 徐波元
10000M³ Crude Oil Storage Tank Wall Prefabricated Quality Control Measures
- 26 西气东输二线果子沟段自然灾害分析与风险评价 王亚春
Natural Disasters Analysis and Risk Assessment on West-East Natural Gas Pipeline in Guozigou Tunnel
- 29 GK-VI型裂解炉辐射段衬里损失原因分析与改进措施 王钦明 李鹏
GK-VI Cracking Furnace Radiation Section Lining Damage Reason Analysis and Improvement Measures

● 技术交流

- 34 自平衡双密封截止阀的应用实践 王维利
Safety Technology of Pressure Vessel Maintenance in Oil and Gas Factory
- 36 ARGG装置烟机入口蝶阀开度偏小原因分析 张正
ARGG Equips Smoke Machine Entrance Regulate Valve Opens Degree is Partial to Small Reason Analysis
- 39 一种列管式换热器强化传热的实例 赵竹丽 张秀红
An Examples of Heat Transfer Enhancement of Shell and Tube Heat Exchanger
- 42 浅析水冷壁开天窗焊接技术 张福坤
Analysis of Water Wall Dormer Welding Technology

● 故障诊断

- 44 DM埋地管道检测仪在城市燃气金属管道外防腐层检测中的应用 杨铁存 左坤 黄宇 杜洪波 邱兆荣
Application of Using Pipe-Detector(DM) to Detect Anticorrosive Coating of Gas Pipe Underground
- 48 在用加氢精制反应器全面检验方案 郭宏川
Development of Comprehensive Test Program for in-Service Hydrotreating Reactors
- 52 天然气地下高压储气井定期检验方法探讨 夏智
Discussion of Underground Natural Gas High-Pressure Storage Wells Regular Test Methods
- 54 压力管道安装过程中的第三方无损检测抽查 张永红
Third-Party Non-Destructive Testing of Pressure Piping Installation
- 56 超声波检测设备和检测过程的质量管理 吕涛 刘献游 邓兵
Quality Management of Ultrasonic Checkout Equipment and Detection Process

CONTENTS

石油和化工设备

- 58 氨制冷系统装置工艺流程及重点检验部位 许林滔 郑渊蔚 郭吉林 盛丕根
Technology Process and Key Inspection Parts of Ammonia Refrigeration System Equipment

● 腐蚀防护

- 60 饱和塔腐蚀原因分析及处理措施 吴晓风 钱英豪 吕文涛
Corrosion Analysis for Saturation Tower and Treatment Measures
- 63 化工生产设备的堵漏和搪瓷反应釜的修补 陈来申
Chemical Production Equipment of Bare And Repair of Enamel Reactor
- 67 油气输送管道补强修复新技术 陆军
Reinforcing Pipe Repair New Technology Research
- 71 从氧腐蚀原因浅析中小型锅炉除氧措施的重要性 张荣华
From Oxygen Corrosion Reasons Importance of Measures is Used for Small and Medium-Sized Boiler is Analysed
- 73 除氧器旋膜管冷态试验结果分析 张永亮 李鸿 饶谋生
Cold Test Result Analysis of Deaerator Rotating-Film Tube

● 安全密封

- 76 树脂浆料槽搅拌机封轴套内碳化物产生原因及对策 周洪信 王洁
Cause Analysis and Countermeasures of Appear Resin Slurry Tank Agitator Seal Sleeve Carbide

● 维修改造

- 78 往复式压缩机工艺气系统性能分析与结构改进 徐康
Performance Analysis and Structure Improvement of Gas Compressor
- 82 低排堵漏装置的改进 李许年 师国华 隆喜俊
Low Row Plugging Device Improvement
- 84 天然气输配系统阀门内漏原因分析及应对措施 李波 张永锋
Analysis and Countermeasures of Valve Leakage Cause in Natural Gas Distribution and Transmission System
- 86 离心杂质泵副叶轮装配频繁跳车原因分析 叶义平 杨启尧
Reason Analysis of Frequently Trip of Centrifugal Trash Pump's Auxiliary Impeller Assembly

● 其他

- 04 《石油和化工设备》征稿简章