

ISSN 1006-9178



第49卷 第8期
总第418期

1973年创刊 月刊

- 中国核心期刊(遴选)数据库期刊
- 中国学术期刊网络出版总库期刊
- 中文科技期刊数据库期刊

主管单位: 中国国家铁路集团有限公司
 主办单位: 中国铁道科学研究院集团有限公司
 主 编: 刘春雨
 编 辑: 牛建利 冯姗姗 吴 磊
 范庆平 郁 杨
 执行编辑: 牛建利
 编辑单位: 中国铁道科学研究院集团有限公司标准计量研究所《铁道技术监督》编辑部
 出版单位: 《中国铁路》杂志社有限责任公司
 地 址: 北京市海淀区大柳树路2号
 邮 编: 100081
 电 话: 路电(021) 49084 49214
 93901
 市电(010) 51849084 51849214
 51893901
 投稿网址: <http://tdjj.cbpt.cnki.net>

中国标准连续出版物号: ISSN 1006-9178
CN 11-3764/U

广告经营许可证号: 京海市监广登字
20210019号

印刷单位: 北京康利胶印厂

出版日期: 2021年8月20日

国内总发行: 北京报刊发行局

订 购 处: 全国各地邮局

邮发代号: 2-584

海外总发行: 中国国际图书贸易集团有限公司

海外发行代号: M 3885

海外定价: 7美元/册

国内定价: 15.00元/册

本刊已入编国内数家电子期刊数据库, 以扩大交流范围, 不同意入编的作者请在来稿中声明, 以便妥善处理。

标准化工作

- 解析铁道行业标准《机车车辆螺栓连接设计准则》
 蒋田芳, 于春广, 郑 静 (1)
 一次性集装箱液体集装袋标准比较分析
 赵 华, 秦 震, 王天罡 (7)

计量工作

- 机车车辆转向架静载试验台量值溯源相关问题探讨
 陆 明, 路计哲, 付久容 (11)
 轨道衡设备运行状态监控系统设计
 梁广柱, 吕志德, 周泽满, 陈 勇, 麻勇江 (14)
 提高铁道货车超偏载检测装置确报匹配率的探讨
 丁宗学, 常 伟, 伏 滨 (18)

检验与认证

- 机车自动视频监控系統电磁兼容性试验
 李 勇, 王克俊, 杨 鹏, 王科理, 李肖刚 (20)

质量管理

- JX300型接触网检测车行车控制电路设计缺陷与改进措施...王荣新 (26)
 HX_N3B型机车3种故障原因分析及其对策 李洪卫 (30)
 铁路客车电加热器布线分析与故障排查 张 健 (34)

研究与交流

- 线路超高对重载铁路钢轨波磨的影响 殷建民, 秦宪国 (38)
 闸瓦间隙调整器控制距离变化造成车辆抱闸问题分析 蒲宗礼 (43)
 动力集中型电动车组牵引力瞬间掉零故障分析和解决措施
 颜 宁, 顾新东, 郑维飞 (46)
 高速铁路钢轨铝热焊焊接接头“四线五类”打磨方案设计
 任金雷, 宋宏图, 高松福 (48)
 GCD600型轨道车新型二系空气弹簧供风系统设计
 李 博, 张高锋, 张乾宇, 朱世昌 (51)

通报与公告

- 中铁检验认证中心有限公司认证公告 2021年第22—26号
 (总第509—513号) (56)
 铁路产品标识代码公告 2021年第7号(总第165号) (114)

简 讯

- CRCC轨道交通系统测试国家工程实验室顺利通过合同验收(77) 2021青岛国际标准化大会召开(89)

- 广告索引 (37)

Vol.49 No.8
No.418 in total

First Published in 1973 Monthly

- Member of the China Database of Core Periodicals (Selection)
- Member of General Library of Chinese Academic Journal Web Publishing
- Member of Chinese Science and Technology Periodical Database

Administrated by: CHINA RAILWAY

Hosted by: China Academy of Railway Sciences Corporation Limited

Editor-in-Chief: LIU Chunyu

Editors: NIU Jianli, FENG Shanshan,
WU Lei, FAN Qingping, YU Yang

Executive Editor: NIU Jianli

Edited by: Editorial Department of Railway Quality Control, Standards & Metrology Research Institute of CARS

Published by: China Railway Editorial Office Co. Ltd.

Address: 2 Daliushu Road, Beijing

Postal Code: 100081

Tel: +86-10-51849084 51849214 51893901

Website: <http://tdjj.cbpt.cnki.net>

China Standard ISSN 1006-9178
Serial Numbering: CN 11-3764/U

No. of Certificate Advertisement:
BHSJG 20210019

Printing: Beijing Kangli Printing House

Date of Publication: 20 August 2021

Domestic Distributor:
Beijing Newspapers & Periodicals
Distribution Bureau

Ordering Office: Local Postal Offices in China

Domestic Distribution Code: 2-584

Overseas Distributor: China International
Book Trading Corporation (CIBTC)

Distribution No.: M 3885

Price: US\$7/copy

Standardization Work

- Interpretation of Railway Industry Standard *Design Guide of Bolted Joints for Rolling Stock* JIANG Tianfang, YU Chunguang, ZHENG Jing (1)
- Compare and Analyze the Standard of Disposable Flexitanks for Bulk Liquid
..... ZHAO Hua, QIN Zhen, WANG Tiangang (7)

Measurement Work

- Discussion on Issues of Traceability for Static Load Test-bed of Railway Rolling Stock Bogie LU Ming, LU Jizhe, FU Jiurong (11)
- Design of the Monitoring System of Rail-weighbridge Equipment Operation Status
..... LIANG Guangzhu, LV Zhide, ZHOU Zeman, CHEN Yong, MA Yongjiang (14)
- Discussion on Improving the Train Consists Matching Rate of Overload and Unbalanced Load Detection Device DING Zongxue, CHANG Wei, FU Bin (18)

Inspection and Certification

- Electromagnetic Compatibility Test of Locomotive Automatic Video Monitoring System
..... LI Yong, WANG Kejun, YANG Peng, WANG Keli, LI Xiaogang (20)

Quality Management

- Design Defects and Improvement Measures of the Driving Control Circuit of JX300 Catenary Inspection Car WANG Rongxin (26)
- Analysis and Countermeasures for Three Faults of HX_N3B Locomotive
..... LI Hongwei (30)
- Wiring Analysis and Fault Investigation for Electric Heater of Railway Passenger Car
..... ZHANG Jian (34)

Study and Communications

- Influence of Line Super-elevation on Rail Corrugation of Heavy Haul Railway
..... YIN Jianmin, QIN Xianguo (38)
- Analysis of Vehicle Holding Brake Caused by the Change of Control Distance of Brake Slack Adjuster PU Zongli (43)
- Analysis and Solution of Traction Force Instantaneous Zero Fault of Power Concentrated EMU YAN Ning, GU Xindong, ZHENG Weifei (46)
- Design of "Four Lines and Five Types" Grinding Scheme for Rail Thermit Welding Joint of High-speed Railway REN Jinlei, SONG Hongtu, GAO Songfu (48)
- The Design of Air Supply System for New Secondary Air Spring on the GCD600 Railway Vehicle LI Bo, ZHANG Gaofeng, ZHANG Qianyu, ZHU Shichang (51)

Notice and Announcements

- CRCC Public Notices of Certifications (No.22-26 of 2021, No.509-513 in total) ... (56)
- Notice of Identification Code for Railway Related Products
(No.7 of 2021, No.165 in total) (114)