

第 38 卷 第8期 总第 286 期
1973年创刊 月刊 2010年8月出版

- 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: 中华人民共和国铁道部

主办单位: 中国铁道科学研究院

主 编: 宋小平(兼)

副 主 编: 陈晓敏

责任编辑: 刘春雨 石 玉

编辑出版: 中国铁道科学研究院

《铁道技术监督》编辑部

地 址: 北京市海淀区大柳树路2号

邮 编: 100081

电 话: 路电 (021) 49009 (主编室)

49084, 49214 (编辑部)

市电 (010) 51849009 51849084

51849214

网 址: www.rails.com.cn/2j/cbkw/jsjd.asp

www.qts-railway.com.cn/qkzz.asp

电子邮箱: jjxx2@rails.com.cn

中国标准连续出版物号: ISSN 1006-9178

CN11-3764/U

广告经营许可证号: 京海工商广字0105号

印 刷: 北京铁科华腾印刷有限公司

国内总发行: 北京报刊发行局

订 购 处: 全国各地邮局

邮发代码: 2-584

国外发行代号: M 3885

国外定价: 5美元/册

国内定价: 10.00元/册

版权所有 未经许可 不得转载

Contents 次

标准化工作

城市轨道交通电力电缆的选择及标准的制定/许艳华, 王作祥 (1)

铁路信息系统安全标准的探讨/徐 超 (4)

质量检验

SS4型机车平波电抗器潜伏性高温故障预报的探讨/徐伟计, 安静茹, 茹更生, 等 (7)

弓网接触力检测方法介绍/张晓林, 高晓蓉, 王 黎, 等 (11)

新建铁路隧道二衬开裂与渗漏成因和防治措施/高 军 (14)

加张铁路专用线安全监管的对策与建议/涂晓文 (17)

对旅客列车集便装置故障的原因分析及改进措施/荆玉山 (19)

大修客车制动系统故障原因分析与对策/梁志录, 李 建 (22)

计量工作

钢轨焊接接头平直度测量方法及分析/丁 韦, 李 力, 宋宏图, 等 (24)

京沪高速铁路CPⅢ监督测量解决方案/李霄凯, 童正洪 (28)

便携式铁路客车供电线路绝缘测量仪的研制/周 露 (31)

研究与交流

铁路信号机房雷电电磁脉冲屏蔽设计与研究/赵伟伟, 旺 扎 (35)

CFG桩在铁路松软土地基加固处理中的应用/李义飞, 赵仕旺 (40)

皮匠沟一号隧道塌方原因分析与处理/刘永波, 张卫晓, 张卫彪, 等 (44)

免维护补偿电容的性能及应用/郑福林, 佟元江 (47)

通 报

关于监督抽查铁路产品质量情况的通报 铁科技函〔2010〕816号

(2010年第2号) / (49)

关于2010年6月份铁路货运计量安全检测监控系统运用管理和检测情况的通报

运营货管〔2010〕483号 / (53)

公 告

关于发布铁道行业标准的公告 铁科技〔2010〕94号 / (57)

中铁铁路产品认证中心认证公告 2010年第7号(总第95号) / (58)

铁路产品标识代码发布公告 2010年第6号(总第37号) / (64)

简 讯

国家质检总局发布《大质量工作机制建设工作方案》 / (6)

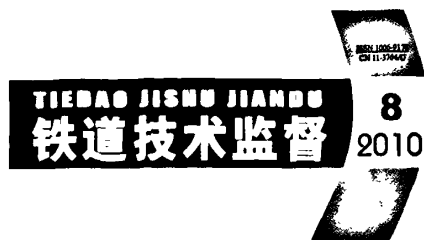
中越认证认可合作论坛在河内举办 / (27)

国家质检总局召开全国质检系统2010年上半年工作总结视频会议 / (43)

由我国提出起草的《集装箱RFID货运标签系统》成为ISO可公开提供的规范 / (52)

《铁路计量技术与管理》征订 / (56)

《中国城市轨道交通年鉴》征稿 / (63)



Vol.38 No.8 (No. 286 total)

First Published in 1973 Monthly Published in August 2010

- 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 : Ministry of Railway of the People's Republic of China
Hosted by : China Academy of Railway Sciences
Editor-in-Chief : Song Xiaoping
Deputy Editor-in-Chief : Chen Xiaoyu
Editors in Charge : Liu Chunyu, Shi Yu
Edited and Published by : Editorial Department of Railway Quality Control China Academy of Railway Sciences

Address : 2 Daliushu Road, Beijing Postal

Code : 100081

Tel : +86-10-51849009 (Editor-in-chief),

+86-10-51849084 (Editorial Department)

+86-10-51849214

Website : <http://www.rails.com.cn/2j/cbkw/jsjd.asp>

<http://www.gts-railway.com.cn/qkzz.asp>

E-mail : jjxx2@rails.com.cn

China Standard ISSN 1006-9178

Serial Numbering : CN11-3764/U

No. of Certificate of Advertisement : BHGS 0105

Printing : Beijing Huateng Printing Co.Ltd of CARS

General Domestic Distributor : Beijing Newspapers & Periodicals Distribution Bureau

Ordering Office : Local Postal Offices in China

Domestic Distribution Code : 2-584

Abroad Distribution Code : M3885

Price : US\$5/copy

All rights Reserved, No Reproduction without Permission

Contents

Standardization Work

Selection of the Power Cable for Urban Rail Transit and the Formulation of Standards /

Xu Yanhua, Wang Zuoxiang(1)

Discussion on the Standards of Railway Information System Security /Xu Chao (4)

Quality Inspection and Management

Discussion on the Hidden High Temperature Related Faults of the Smoothing Waves Reactor of SS4 Locomotive/Xu Weiji, An Jingru, Ru Gengsheng, et al.(7)

Introduction on the Detection of Pantograph Catenary Contact Force /Zhang Xiaolin, Gao Xiaorong, Wang Li, et al.(11)

Causes of the Crack and Leakage of Secondary Lining of Newly-built Railway Tunnel and the Prevention Measures /Gao Jun (14)

Countermeasures and Suggestions on the Safety Supervision of Jiazhang Railway Siding/Tu Xiaowen (17)

Analyzing the Causes of Passenger Train Dejecta Collecting Device Faults and the Improvement Suggestions/Jing Yushan(19)

Causes of the Braking System Fault of Passenger Cars After Heavy Repair and the Countermeasures/Liang Zhilu, Li Jian (22)

Measurement Work

Method of Measuring the Flatness of Rail Welding Joint and the Analysis/Ding Wei, Li Li, Song Hongtu et al. (24)

Solution of the CPⅢ Supervision and Surveying of Beijing-Shanghai High-speed Railway/Li Xiaokai, Tong Zhengzhong (28)

Research and Development of the Portable Insulation Measurement Device for the Power Supply Line of Railway Passenger Wagons/Zhou Lu (31)

Study and Communications

Design and Research on the Lightning Electromagnetic Pulse Shielding for the Railway Signal Room /Zhao Weiwei, Wang Zha (35)

Application of CFG Pile in the Reinforcement of Railway Soft Ground/ Li Yifei, Zhao Shiwang (40)

Causes of Collapse of Pijianggou No.1 Tunnel and the Treatment /Liu Yongbo, Zhang Weixiao, Zhang Weibiao, et al. (44)

Performance and Application of the Maintenance Free Compensation Capacitor / Zheng Fulin, Tong Yuanjiang (47)

Circular Bulletin

Circular on the Quality of Railway Related Manufactured Products After the Monitoring and Sampling (No. TKJ [2010] 816)(No. 2 of 2010) / (49)

Circular on the Utilization Management and Inspection Results of the Railway Freight Measurement Safety Monitoring System in June 2010 (No. YYHG [2010] 483) / (53)

Public Notice

Notice on Publishing Railway Industry Standards (No. TKJ [2010] 94) / (57)

CRCC Public Notices of Certifications — No. 7 of Year 2010 (No. 95 in total) / (58)

Notice on Publishing Identification Codes for Railway Related Products (No. 6 of Year 2010, No. 37 in total) / (64)