



工程建设与设计

办: 国家机械工业局工程建设中心 中国机械工业勘察设计协会 中国中元国际工程有限公司 CN 11-3914/TU 2017年第04月上 总第357期



图片来自网络

ISSN 1007-9467



9 771007 946103

04 >

动态资讯

- 03 “国务院办公厅印发《关于促进建筑业持续健康发展的意见》”等信息16则

论坛

- 08 基于FLAC 3D对基坑回弹变形特征的分析
- 14 论工程设计企业如何开展QC小组活动
- 17 旧水泥混凝土路面加铺沥青面层技术施工质量控制要点

建筑与结构设计

- 19 生活方式购物中心外部空间设计内容分析(张辛悦,张伟郁)
- 21 新世界商业中心二期超限高层结构设计(孙强)
- 25 房屋建筑结构加固设计及施工技术应用研究(聂智宏)
- 27 陕南宁强地区乡村民居聚落形态的演变研究(郭燕沫,范元朝,罗二平)
- 31 120m直径大型贮煤场挡煤墙的有限元分析(崔彬彬)
- 33 风景名胜区内村庄发展对策研究——以青岛市崂山区北宅街道办事处为例(武栋)
- 36 试论如何加强建筑工程结构设计(何永超)
- 38 几种大跨度预应力梁综合对比分析(楼卓)

基础工程设计

- 42 砂砾石地基上尾矿坝的渗流控制措施研究(施灿海,乐云福,江杰,殷小川)
- 44 码头地质勘察中旁压试验法的应用(李楠, 蒯志要)
- 47 某办公楼建设项目的岩土勘察与地基处理技术(蒯志要, 李楠)
- 49 建筑工程中桩基检测方式优化(庾浩林)
- 52 基于上海地区某深大基坑工程抽水试验分析(王明龙)

公用工程设计

- 54 GPS实时动态(RTK)测量在工程测量中的应用研究(郭伟)
- 56 谈消火栓临时高压消防给水系统(康凯, 李娟)
- 59 浅谈火力发电厂三维设计PDMS应用(王黎)
- 61 供电系统节电技术措施的相关分析(王坤)
- 64 某医院净化空调系统设计及节能措施(陈涛,王虹)
- 68 通信铁塔的安全性及其安全性评估方法探讨(李海华, 甄仲强)
- 70 水试验回路的应用及设计(陈树毅,贺波,易晓坤)
- 73 全容式LNG储罐安全保护方案研究(杜溪婷,王宇,曾广洋,刘鹏)
- 75 极寒地区某生活污水处理站运行问题及对策(陆继思)

市政·交通·水利工程设计

- 78 双层环岛式立交(孙志远)
- 81 盾构隧道下穿既有铁路的加固措施设计(张福泉)
- 84 浅层灌浆技术在高速公路水泥混凝土路面养护维修中的应用(尉少森)
- 86 防水路基路面施工技术在路桥施工中的应用探究(马荣明, 何艳)
- 89 小型土石坝安全监测分析(邹坤)
- 91 空心板梁桥常见病害及性能保障技术研究(孟占领)
- 94 试论民生水利工程运行管理对策(曾光)
- 96 公路隧道设计与施工技术探究(刘富强)
- 99 道路桥梁检测技术的要点及应用分析(杨蕊)
- 101 公路项目主体工程设计的水土保持分析与评价(马进)
- 104 乳化沥青稀浆封层技术在农村公路养护中的应用(杨雅洁)
- 106 公路工程试验检测常见问题及解决方法(李占崇)
- 108 蒙内铁路圆端形桥墩托盘、顶帽裂缝分析与加固(周茂强, 胡秀宇)
- 112 沥青就地冷再生技术在公路大中修中的应用(苏静)
- 114 农田用水资源保障研究(卫丽)
- 116 防汛抢险中现场抢险方案制定原则及分析(钟文冠)

环境工程设计

- 119 建筑工程室内环境检测要点(巫家邦)
- 121 关于应用于生态环境中的环境监测技术(张希成)

智能与信息

- 123 基于信息管理系统在水利工程建设管理中的应用探讨(曹丙超)
- 126 遥感找矿技术在地质矿产勘探中的应用(张杰)

工程施工技术

- 128 铁路工程中有砟轨道施工铺轨技术(王远航)
- 131 公路路基施工技术探讨(柳德强)
- 133 反复荷载下水泥乳化沥青砂浆力学性能的试验分析(韦伟)
- 136 自密实混凝土及其在大坝工程中的应用技术研究(王俊杰)
- 138 道路桥梁施工管理中的问题控制及解决方法(蔡如松)
- 141 数据中心大型蓄冷罐设计与密闭施工解析(张纯星, 季军, 荣文涛, 谢敬超)
- 144 预制后张法筒支T梁数字设备及工艺应用探讨(杨学昆)
- 147 桥梁施工中大跨径连续桥梁施工技术的应用(陈晨)
- 149 装配式混凝土剪力墙水平缝施工处理(赵进)
- 152 复合聚苯免拆模板混凝土楼盖设计与施工技术研究(李英恺)
- 154 公路路桥施工技术质量控制探讨(李泽智)
- 156 大体积混凝土水化热温度应力分析(刘晓涛, 张志文)
- 159 临近既有隧道石方开挖控制爆破的施工技术(侯志强)
- 162 建筑工程中的深基坑支护施工技术(刘刚)
- 164 卡尔曼滤波法在斜拉桥换索中的应用(黎朝全)
- 167 钻孔灌注桩施工技术在房屋建筑工程中的应用(梁明)
- 169 高空悬挑钢框架无支撑施工技术(林芳)
- 172 公路路桥加固改造施工技术要点探析(曹晓青)
- 174 后浇带施工技术在建筑工程中的应用(武伟谦)
- 177 隧道岩溶地质的处理与施工技术的研究进展(郭志华)
- 179 探析室内装修施工中标高控制线的定位方法(史江)
- 182 公路桥梁下部构造施工技术探究(郭立坤)

工程项目管理

- 184 海外工程承包市场风险管理研究(郭新春)
- 187 工程施工招标中投标人资质设定问题探索(郝才满)
- 190 公路施工测量管理中存在的问题及解决办法(杨伟涛)
- 192 预制构件精益安装工程中项目管理技术的应用(揭克梅)
- 195 上海国际汽车城大厦餐厅工程项目的进度管理研究(张范)
- 199 建筑工程现场施工管理措施探讨(王学标)
- 201 从企业集群理论探讨国际工程联合体特性和优势(袁芳)
- 204 装饰工程结算审核常见问题及应对措施(朱卫)





Architectural and Structural Design

- 19 An Analysis of Outer Space Design Content of Lifestyle Shopping Center(ZHANG Xin-yue,ZHANG Wei-yu)
 21 Business Center Phase II Transfinite High-rise Structure Design in the New World (SUN Qiang)
 25 Building Structure Reinforcement Design and Construction Technology Application Research (NIE Zhi-hong)
 27 Study on the Evolution of Rural Residential Settlements in Ningqiang Area (GUO Yan-mo, FAN Yuan-chao, LUO Er-ping)
 31 Large Diameter 120m Finite Element Analysis of A Coal Yard Wall (CUI Shan-bin)
 33 Research on Village Development Countermeasures in Scenic Spots
 ——A Case Study of North House Street Office in Laoshan District of Qingdao (WU Dong)
 36 How to Strengthen Construction Engineering Structure Design (HE Yong-chao)
 38 Comprehensive Comparison and Analysis of Several Long Span Prestressed Concrete Beams (LOU Zhuo)

Engineering Design of the Ground

- 42 Research of Seepage Control Measures of Tailings Dam on Sand Gravel Foundation(SHI Can-hai, LE Yun-fu,JIANG Jie, YIN Xiao-lin)
 44 Application of Side Pressure Test Method in the Geological Survey of Wharf(LI Nan, KUAI Zhi-yao)
 47 Geotechnical Investigation and Foundation Treatment Technology of an Office Building Construction Project(KUAI Zhi-yao, LI Nan)
 49 Construction Engineering Pile Foundation Inspection Methods in Optimization(YU Hao-lin)
 52 Pumping Test Analysis Based on a Deep Foundation Pit Engineering in Shanghai (WANG Ming-long)

Public Utilities Design

- 54 Application Research of Real-time Dynamic GPS (RTK) Measuring the Engineering Survey(GUO Wei)
 56 Fire Hydrant Temporary High Pressure Fire Protection Water Supply System(KANG Kai, LI Juan)
 59 Introduction to 3D Design PDMS Applications in Thermal Power Plant (WANG Li)
 61 Correlation Analysis of Power Saving Technology Measures for Power Supply and Distribution System(WANG Kun)
 64 The Design and Energy Saving Measures of the Cleaning Air-conditioning System in a Hospital(CHEN Tao, WANG Hong)
 68 Discussion on Safety and Safety Evaluation Method of Communication Tower(LI Hai-hua, ZHEN Zhong-qiang)
 70 The Application and Design of the Water-test-loop(CHEN Shu-yi HE Bo YI Xiao-guan)
 73 Study on the Safety Protection of LNG Tank(DU Xi-ting, WANG Yu, ZENG Guang-yang, LIU Peng)
 75 Sewage Treatment Station Operation Problems and Countermeasures in an Extremely cold Area(LU Ji-si)

Municipal · Traffic · Water Resources · Engineering Design

- 78 The Double Layers and the Ring of Bridge(SUN Zhi-yuan)
 81 Design of Reinforcement Measures for Shield Tunnel Under Existing Railway(ZHANG Fu-quan)
 84 Application of Shallow Grouting Technology in Maintenance and Repair of Cement Concrete Pavement of Expressway(WEI Shao-sen)
 86 Application of Waterproof Roadbed and Pavement Construction Technology in Road and Bridge Construction (MA Rong-ming, HE Yan)
 89 Small Earth-Rockfill Dam Safety Monitoring and Analysis(WU Kun)
 91 Common Diseases and Performance Improved Measurements for Hollow Slab Girder Bridge (MENG Zhan-ling)
 94 Discussion on the Operation Management of the People's Livelihood and Water Conservancy Project(ZENG Guang)
 96 Highway Tunnel Design and Construction Technology(LIU Fu-qiang)
 99 Analysis on Main Points and Application of Road and Bridge Detection Technology (YANG Rui)
 101 Water and Soil Conservation Analysis and Evaluation of Item Corpus in the Highway Engineering Design (MA Jin)
 104 Application of Emulsified Asphalt Slurry Seal Technology in Highway Maintenance in Rural Areas (YANG Ya-jie)
 106 Highway Engineering Experiment Testing Common Problems and Solutions(LI Zhan-chong)
 108 Analysis and Reinforcement for Pier Cap Gaps of the Round-ended Pier in Mombasa - Nairobi Standard Gauge Railway Project (ZHOU Mao-qiang, HU Xiu-yu)
 112 Application of Cold Recycling Technology of Asphalt in Highway Repair(SU Jing)
 114 Agricultural Water Resources Research(WEI Li)
 116 Flood Control and Emergency Rescue in the On-site Emergency Plan Formulation Principle Analysis (ZHONG Wen-guan)

Environment Engineering Design

- 119 Construction Engineering Indoor Environment Detects Point(WU Jia-bang)
 121 About the Environmental Monitoring Technology Applied to the Ecological Environment(ZHANG Xi-cheng)

Intelligence and Information Technology

- 123 Discussion on Application of Information Management System in Water Conservancy Project Construction Management (CAO Bing-chao)
 126 Application of Remote Sensing Prospecting Technology in the Geology and Mineral Resources Exploration(ZHANG Jie)

Construction Technology

- 128 Laying Ballastless Track Technology in Railway Engineering Construction (WANG Yuan-hang)
 131 Highway Subgrade Construction Technology (LIU De-qiang)
 133 Experimental Analysis on Mechanical Properties of Cement Emulsified Asphalt Mortar Under Cyclic Loading(WEI Wei)
 136 Research on Self Compacting Concrete and Its Application in Dam Engineering(WANG Jun-jie)
 138 Problems Control and Solution in the Road and Bridge Construction Management (CAI Ru-song)
 141 Design of Large Cold Storage Tank in Data Center and Analysis of Its Closed Construction(ZHANG Chun-xing, JI Jun, RONG Wen-tao, XIE Jing-chao)
 144 Study on Digital Equipment and Technology of T Beam with Simple Support After Prefabricated Post(YANG Xue-kun)
 147 Application of Construction Technology of Long Span Continuous Bridge in Bridge Construction(CHEN Chen)
 149 Construction Treatment of Horizontal Joints of Assembled Concrete Shear Wall(ZHAO Jin)
 152 Composite Eps Shuttering Concrete Floor Design and Construction Technology Research (LI Ying-kai)
 154 The Quality Control of Highway and Bridge Construction Technology(LI Ze-zhi)
 156 Mass Concrete Hydration Heat Temperature Stress Analysis(LIU Xiao-tao,ZHANG Zhi-wen)
 159 The Construction Technology of Controlled Blasting Near the Existing Tunnel Excavation(HOU Zhi-qiang)
 162 Construction Technology of Deep Foundation Pit Support in Construction Engineering(LIU Gang)
 164 Application of Calman Filtering Method in Cable Replacement of Cable Stayed Bridge(LI Chao - quan)
 167 Application of Bored Pile Construction Technology in Building Construction(LIANG Ming)
 169 Non Support Construction Technology of High Altitude Cantilever Steel Frame(LIN Fang)
 172 Highway and Bridge Reinforcement and Construction Technical Key Points Analysis(CAO Xiao-qing)
 174 Application of Construction Technology of Post Pouring Nelt in Building Engineering(WU Wei-qian)
 177 Research Progress on Treatment and Construction Technology of Tunnel Karst Geology(GUO Zhi-hua)
 179 Method for Positioning Elevation Control Line in Interior Decoration Construction(SHI Jiang)
 182 Highway Bridge Infrastructure Construction Technology(GUO Li-kun)

Project Management

- 184 Overseas Project Contracting Market Risk Management Research(GUO Xin-chun)
 187 Bidder Qualifications Set Problems Exploration in Project Construction Bidding (HAO Cai - man)
 190 Problems and Solutions in Highway Construction Survey Management(YANG Wei-tao)
 192 Application of Project Management Technology in the Prefabricated Lean Installation Project (JIE Ke-mei)
 195 Schedule Management Research of Shanghai International Auto City Building Project(ZHANG Fan)
 199 Construction Site Construction Management Measures(WANG Xue-biao)
 201 On ICJV Features & Advantages Exploring from Enterprise Cluster Theory(YUAN Fang)
 204 Decoration Project Settlement Audit Common Problems and Countermeasures(ZHU Wei)

INFORMATION

- 03 "The State Council Issued 'Opinions about sustainably promoting and healthy developing of construction industry'"Etc.16

FORUM

- 08 Analysis of Rebounding Deformation of Foundation Pit Simulated with FLAC 3D
 14 How to Carry Out QC Group Activities in Engineering Design Enterprise
 17 Construction Quality Control Points of Old Cement Concrete Pavement with Asphalt Overlay

第三届 ECOTECH CHINA 上海国际空气新风展

世环会
WieTec
20万m²规模 3200+展商
6.4万+展品

- 知名水展AQUATECH同期举办，可以一次看全的超级盛会
- 齐聚业内驰名品牌的专业展，超同行业规模一倍以上
- 上百新品实力阵容，经销代理不可多得的契机
- 业内活跃专家悉数到场，了解行业未来5年发展趋势

荷瑞会展倾力巨献

6.7-9 | 2017
国家会展中心（上海）

30,000m² 规模
1.2万+ 展品
500+ 展商

网上在线预登记参观通道同时开启
www.ecotechair.com.cn



• 微信扫一扫
关注微信公众号
即可快速**预登记**！

- 一次预登记，三天**免费**参观！
- 尊享VIP绿色通道，省去一小时排队时间
- 更可领取微信预登记精美礼品：**蓝牙耳机**！



参观热线：
021-33231335 / 1435



组织机构：中国空气净化行业联盟 指导单位：中国新风行业联盟

主办单位：上海荷瑞会展有限公司 官方支持：中华人民共和国住房和城乡建设部/住建部建筑文化中心

数据来源：www.ecotechair.com.cn

广告