

目次

对标管理

运用大数据 助力行业和企业高质量发展王述纲, 辛春林, 张申力, 尚玥佟, 宣胜艳, 康英英	1
民营炼化企业提升效益的对标管理范式 黄石磊, 付世昭	8
对标行业一流的全过程供应链管理体系 李嘉, 唐建国, 段绍书, 吴常根, 张洪, 任晓宁, 龙凤, 李志超, 李慧, 张荻	13

精益管理

以5S及现场改善积分制为基础的精益管理实践 吴义彪, 潘林健, 虞跃, 王长青, 吴天	20
石化企业基于数字化和智能化的全面精益管理孙令波, 王永志, 张勤业, 赵玉华, 刘飞, 尹海生, 袁永政, 王东良, 巩清明, 庄彬, 王琦, 王希荣	27
实施以降本增效战略为目标的全要素精益管理 施素帆	33
以“质量样板”为示范的高纯晶硅项目精益管理实践 孟汉卓, 薛慧峰, 彭兵虎, 朱文俊, 冯军伦, 王二建, 武燕, 彭丙刚, 田振茂	39

人才培养

运用“五个一”能力提升工程自主培养人才工匠的方法探讨 孙永发	45
基于“三项制度改革”的人力资源优化在煤化工企业的实践与应用 屈战成, 黄晓英, 王浴钰, 刘敏, 李海林	49
化工企业新生代员工班组建设与工匠精神培育促进企业提质增效研究 水淼, 马崴	54
新形势下大型油气企业“管理321-”民主化管理体系的构建与实践 周宏伟	60

安全管理

危险化学品重大危险源包保责任制“135790”安全管理实践王继宏, 杨利平, 黄如金, 吴忠新, 高增翔, 惠小强	69
重复性隐患治理在促进全员参与安全管理中的运用 方国钰, 王卫东, 吴嫚丽, 李军辉, 尹建涛	74
基于HSE管理体系的系统性实践与应用 朱正国, 朱二树	81

目次

市场运营

大型化工企业技术服务产业专业化运营的探索与应用	崔曼利, 严媛, 李世纪, 陈光	87
热泵制盐企业以降本增效为目标的生产运行管理	李春晓, 郝冬青, 田凤麟	92
工程造价管理在大型化工项目建设中的应用与实践	王春雅, 范小娟, 王玉柱, 王丽, 贾香梅, 翟如兵	97
立足合规运营和风险防控的现代企业制度建设	迟庆峰, 丁红玉, 王玉来, 王爱英, 赵秀丽	102
对等股权石油合资合作公司投资项目联合审查机制的构建与应用	陈普信, 周政, 陈俊岳	108
智能光伏电站开发及运维管理体系的构建与实施	高志强, 向东, 杨培友, 马恒, 赵慧	115

智慧化工

生产指挥数智化全面精准管控实践	李海生, 岳文佳, 郭伟, 徐志新, 徐井, 胡昌健, 刘以一	123
精细化工全生命周期质量管理数字化实践	张海婴, 赵婷, 徐佳莹, 沈淑英, 马晓东, 章翔, 倪培桦	129
以创优质现代化工企业为目标的体系构建与实施	孔民, 康艳	137
全流程数字化转型和智能创新助推企业高质量发展	赵云莉, 谢群力, 王军伟	144
基于EPC模式的数字化施工管理系统构建	施福富, 张献, 李嘉威, 王志亮, 王鹏, 赵鹏, 李晓媛, 张京, 盛淑玲	152
科技服务平台赋能打造橡胶行业生态圈	张焱, 嵇钟生, 凌子茗	160

彩页说明

- 彩页1——华夏龙都·魅力濮阳
- 彩页2——濮阳新型化工基地
- 彩页3——《化工管理》征稿简则
- 彩页4——2023年度《化工管理》征订单

CONTENTS

Benchmarking Management

Utilizing Big Data to Help the Industry and Enterprises Develop in High Quality WANG Shu-gang, XIN Chun-lin, ZHANG Shen-li, SHANG Yue-tong, XUAN Sheng-yan, KANG Ying-ying	1
Benchmarking Management Paradigm for Improving the Efficiency of Private Refining EnterprisesHUANG Shi-lei, FU Shi-zhao	8
Benchmarking the First-class for the Whole Process Supply Chain Management LI Jia, TANG Jian-guo, DUAN Shao-shu, WU Chang-gen, ZHANG Hong, REN Xiao-ning, LONG Feng, LI Zhi-chao, LI Hui, ZHANG Di	13

Lean Management

Lean Management Practice based on 5S and On-site Improvement Point System WU Yi-biao, PAN Lin-jian, YU Yue, WANG Chang-qing, WU Tian	20
Comprehensive Lean Management based on Digitization and Intelligence in Petrochemical EnterprisesSUN Ling-bo, WANG Yong-zhi, ZHANG Qin-ye, ZHAO Yu-hua, LIU Fei, YIN Hai-sheng, YUAN Yong-zheng, WANG Dong-liang, GONG Qing-ming, ZHUANG Bin, WANG Qi, WANG Xi-rong	27
Implement Total Factor Lean Management with the Goal of Cost Reduction and Efficiency ImprovementSHI Su-fan	33
Lean Management Practice of High Purity Polycrystalline Projects Exemplified by “Quality Template”MENG Han-zhuo, XUE Hui-feng, PENG Bing-hu, ZHU Wen-jun, FENG Jun-lun, WANG Er-jian, WU Yan, PENG Bing-gang, TIAN Zhen-mao	39

Personnel Culturing

Using the “Five Ones” Ability to Improve Independent Training of Talents and Craftsmen in Engineering Method Exploration SUN Yong-fa	45
Practice and Application of Human Resource Optimization in Coal Chemical Enterprises based on “Three Systems Reform” QU Zhan-cheng, HUANG Xiao-ying, WANG Yu-yu, LIU Min, LI Hai-lin	49
Research on the Construction of New Generation Employee Teams and the Cultivation of Craftsmanship Spirit in Chemical Enterprises to Promote Quality and Efficiency ImprovementSHUI Miao, MA Wei	54
“Management 321-” Democratization Management System of Large Oil and Gas Enterprises under New Situation Construction and PracticeZHOU Hong-wei	60

Safety Management

Safety Management Practice of “135790” Liability System for Major Hazard of Hazardous ChemicalsWANG Ji-hong, YANG Li-ping, HUANG Ru-jin, WU Zhong-xin, GAO Zeng-xiang, HUI Xiao-qiang	69
--	----

CONTENTS

Apply Repetitive Risk Management to Promotes the Whole Staff Participation in Safety Management	FANG Guo-yu, WANG Wei-dong, WU Man-li, LI Jun-hui, YIN Jian-tao	74
Systematic Practice and Application based on HSE Management System	ZHU Zheng-guo, ZHU Er-shu	81

Market and Business

Exploration and Application of Specialized Operation of Technical Service Industry in Large Chemical Enterprises	CUI Man-li, YAN Yuan, LI Shi-ji, CHEN Guang	87
Operations Management of Reducing Cost to Increase Benefit in MVR Salt Making Enterprises	LI Chun-xiao, HAO Dong-qing, TIAN Feng-lin	92
Application and Practice of Engineering Cost Management in Large Chemical Projects	WANG Chun-ya, FAN Xiao-juan, WANG Yu-zhu, WANG Li, JIA Xiang-mei, ZHAI Ru-bing	97
Building a Modern Enterprise System based on Compliant Operations and Risk Prevention and Control	CHI Qing-feng, DING Hong-yu, WANG Yu-lai, WANG Ai-ying, ZHAO Xiu-li	102
Construction and Application of the United Investment Project Appraisal Mechanism for Joint Venture Cooperative Oil Company	CHEN Pu-xin, ZHOU Zheng, CHEN Jun-yue	108
Intelligent Photovoltaic Power Station Development and Operation and Maintenance Management System Construction and Implementation.....	GAO Zhi-qiang, XIANG Dong, YANG Pei-you, MA Heng, ZHAO Hui	115

Smart Chemical Industry

Comprehensive and Accurate Management and Control of Production Command Digital-intelligence in Practice	LI Hai-sheng, YUE Wen-jia, GUO Wei, XU Zhi-xin, XU Jing, HU Chang-jian, LIU Yi-yi	123
Digital Practice of Quality Management in the Whole Life Cycle of Fine Chemical Industry	ZHANG Hai-ying, ZHAO Ting, XU Jia-ying, SHEN Shu-ying, MA Xiao-dong, ZHANG Xiang, NI Pei-hua	129
Construction and Implementation of a System Aimed at Creating High-quality Modern Chemical Enterprises	KONG Min, KANG Yan	137
Whole Process Digital Transformation and Intelligent Innovation Boost High-quality Development of Enterprises	ZHAO Yun-li, XIE Qun-li, WANG Jun-wei	144
Construct Digital Construction Management System based on EPC Mode	SHI Fu-fu, ZHANG Xian, LI Jia-wei, WANG Zhi-liang, WANG Peng, ZHAO Peng, LI Xiao-yuan, ZHANG Jing, SHENG Shu-ling	152
Technology Service Platform Empowers the Building of Rubber Industry Ecosystem	ZHANG Yan, JI Zhong-sheng, LING Zi-ming	160