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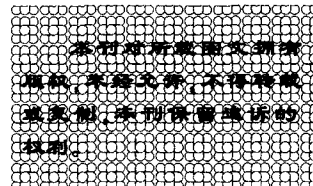
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目次

储运技术

- 1 加油站油气回收与控制设备的选型及应用 邓志晟 夏云峰 陈子如 周学俊 李华平

加气站

- 5 LNG加气站设备与安全的管理 张浩

安全技术

- 10 危险与可操作性分析(HAZOP)在成品油管道站场风险识别中的应用 冯国柱

绿色能源

- 14 氨制氢加氢一体站商业示范应用的探索 牟琳 李海洋 陈勇 邓锦霞

环境保护

- 18 成品油油库含油污水的特性分析及处理建议 唐晓丽

数质量管理

- 20 微量法检测石油产品饱和蒸气压的研究 赵君志

安全管理

- 23 油品销售企业基层HSE管理存在的问题及改进措施 杨青春

经营管理

- 26 成品油销售企业“司机之家”综合服务体系的构建 张刚
- 30 成品油零售市场营销成本管控的策略 李春波
- 34 出租车场景下电动汽车充换电模式分析 张茜
- 37 加油站连锁便利店分类分级模型的应用 吕志亭
- 41 新时代石化企业内部审计转型的对策 刘海静

报道及其他

- 9 《石油库与加油站》杂志投稿须知
- 13 2022年第4期广告目次



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Contents and Abstracts

STORAGE TECHNOLOGY

1 Selection and Application of Oil Vapor Recovery and Control Equipment in Gas Station. Deng Zhisheng, Xia Yunfeng, Chen Ziru, Zhou Xuejun, Li Huaping.

Abstract: According to the national standards "Technical standard of fuelling station (GB 50156—2021)" "Emission standard of air pollutants for gasoline filling stations (GB 20952—2020)", the working principle, structure, characteristics and selection of key equipment for secondary oil vapor recovery and control in gas stations are described, some suggestions on the selection of vacuum pump and gas-liquid ratio regulating device as key components of oil vapor recovery are especially put forward, which can provide a reference for oil vapor recovery in gas stations.

Key words: gas station, oil vapor, recovery, control, equipment, selection, application.

GAS REFUELING STATION

5 Management of Equipment and Safety of LNG Refueling Station. Zhang Hao.

Abstract: Based on a brief introduction of the development of LNG refueling station industry, the definition, characteristics, advantages of LNG, as well as the main types and equipment composition of LNG refueling stations, the main problems existing in LNG refueling stations are pointed out from the aspects of personnel and equipment, and the corresponding improvement measures are put forward, such as establishing and improving relevant rules and regulations, improving daily safety supervision and inspection, reserving professionals in the refueling station and ensuring employees certified, focusing on the safety precautions in the transportation and unloading links of the station, refining the evaluation of maintenance contracts and paying attention to the effect of maintenance, strengthening the ability of risk identification and emergency response, improving the monitoring, inspection and maintenance of main equipment, controlling the technical difficulties and key control points of the equipment, and perfecting the declaration of annual inspection and certificate replacement of equipment.

Key words: liquefied natural gas (LNG), gas refueling station, equipment, safety, management.

SAFETY TECHNOLOGY

10 Application of Hazard and Operability (HAZOP) Analysis in Risk Identification of Oil Product Pipeline Stations. Feng Guozhu.

Abstract: In view of the characteristics of long - distance oil product pipeline stations, such as severe process conditions, centralized pressure equipment and facilities, transportation of flammable and explosive oil products, and strong production continuity, taking an oil product pipeline transportation station in Central China as an example, the method of hazard and operability (HAZOP) analysis is put forward to identify and analyze the safety risks of oil product pipeline stations. Through HAZOP analysis, the main risk nodes and meaningful deviations of the station can be determined. By analyzing the causes, consequences and countermeasures of the deviation, combining with the risk matrix to determine the risk level of the accident, the hidden dangers are classified and targeted improvement measures are put forward, which can play a positive role in improving the safety and reliability of the process facilities and operations of the oil transportation station and reducing the occurrence of accidents.

Key words: oil product, pipeline, station, risk, identification, hazard and operability (HAZOP) analysis, application.

GREEN ENERGY

14 Exploration of Commercial Demonstration of Integrated Station of Ammonia to Hydrogen and Hydrogen Refueling. Mu Lin, Li Haiyang, Chen Yong, Deng Jinxia.

Abstract: The current situation of the development of hydrogen refueling stations, the main existing problems, the main hydrogen production methods and characteristics of gray hydrogen, blue hydrogen and green hydrogen, the main storage and transportation technologies of high - pressure gaseous, low - temperature liquid, liquid ammonia, methanol, organic liquid, metal hydride and other hydrogen, as well as their advantages and disadvantages, are briefly introduced, and the technical route of on - site hydrogen production from ammonia in hydrogen refueling station is put forward. The process flow of hydrogen production from ammonia, the integrated process of ammonia to hydrogen and hydrogen refueling, and the advantages of on - site hydrogen production from ammonia are introduced, the construction and operation costs of hydrogen refueling station with on - site hydrogen production from ammonia and external hydrogen supply are analyzed on economics. The problems needing attention in the development and construction of the integrated station of ammonia to hydrogen and hydrogen refueling are put forward, viz., promoting the construction of policies and regulations based on the law and compliance, preventing and controlling safety and environmental protection risks based on technology, cultivating high - quality talents of hydrogen refueling stations with the goal of ability - building.

Key words: hydrogen refueling station, ammonia, on - site, hydrogen production, commerce, demonstration, application, exploration.

ENVIRONMENTAL PROTECTION

18 Characteristic Analysis and Treatment Suggestions of Oily Sewage in Oil Product Depot. Tang Xiaoli

Abstract: In view of the problems in some oil prod-

uct depots that the sewage does not attract enough attention due to the small amount, the management is not standardized, and the sewage treatment device does not match the amount of sewage, the composition of oily sewage in oil depots is analyzed in detail, and the current situation of sewage treatment process in most oil depots is introduced. The improvement suggestions of oily sewage treatment in oil depot are put forward: the first is to implement "separation of clean water and sewage" in the reservoir area; the second is to treat low and high concentration oily sewage respectively; the third is to treat oil - bearing sewage by professional companies; the fourth is to add an oily sewage monitoring department in oil depot.

Key words: oil product, oil depot, oily sewage, characteristics, analysis, treatment, suggestions.

QUANTITY AND QUALITY MANAGEMENT

20 Advantages of Micro Method in Determining Saturated Vapor Pressure of Petroleum Products. Zhao Junzhi

Abstract: The measurement principle of micro method and the method of testing saturated vapor pressure of petroleum products by micro method are introduced in detail, and the accuracy, repeatability and reproducibility are compared with the traditional Reid method. The results show that the accuracy, repeatability and reproducibility of the micro method are better, and the amount of samples used in the micro method detection experiment is less, and the detection time is shorter, which can avoid the artificial operation error of the Reid method detection, and the micro method can meet the daily analysis requirements of the finished oil quality inspection.

Key words: micro method, detection, petroleum, products, saturated vapor pressure, method, advantage.

SAFETY MANAGEMENT

23 Problems and Improvement Measures of Grass - Roots HSE Management in Oil Sales Enterprises. Yang Qingchun

Abstract: Combined with the internal audit of the HSE management system of oil sales enterprises and three typical safety accident cases in recent years, the problems existing in the HSE management of grass - roots oil sales enterprises are pointed out, such as the imperfect rules and regulations, the urgent need to improve the team construction, the insufficient HSE knowledge and professional ability of employees, the need to strengthen HSE education and training, the incomplete formation of standardized management, the relatively primitive management means, and the lax inspection and assessment. And the improvement measures are put forward, viz., strengthening the construction of grass - roots HSE rules and regulations, staff team, and the "three standards" construction of team, site and post, strengthening the basic work of grass - roots HSE document system, standardization management, inspection and assessment, and strengthening the basic skills training of education and training, employment with certificates and emergency response ability, which can provide a reference for further improving the grass - roots HSE management of oil sales enter-

prises.

Key words: oil sales enterprise, HSE, grassroots, management, problems, improvement, measures.

OPERATION MANAGEMENT

26 Construction of Comprehensive Service System of "Driver's Home" for Oil Sales Enterprises. Zhang Gang

Abstract: In order to cope with the increasingly fierce competition in oil product sales market, oil sales enterprises constructed comprehensive service system of "driver's home", taking customers as the center, relying on gas station outlets, providing diversified services, solving the five pain points of freight drivers "hungry, dirty, tired, afraid and worried" as the breakthrough point, unifying the standards of "point selection, image, function and acceptance", and highlighting the operation concept of "safety service, member expansion, marketing organization, cooperation and value - adding", by which the interaction and integration of offline service entities and online application platforms have been realized, the service functions of gas stations have been comprehensively upgraded, the "human life on vehicle" ecosystem of gas stations has been continuously optimized, the working environment of logistics and transportation industry has been improved, the brand connotation has been enhanced, the service extension has been expanded, the differentiated competitiveness has been improved, and the growth of social and economic benefits has been achieved, which has made a new attempt for the sustainable development of enterprises.

Key words: oil product sales enterprise, driver's home, integration, service, system, construction.

30 Strategies for Controlling the Marketing Cost of Oil Product Retail. Li Chunbo.

Abstract: In view of the increasingly fierce competition in the retail market of oil products, on the premise of emphasizing that strengthening the control of the marketing cost is the need of the fierce competition in the market, the increase of income and expenditure reduction of enterprises and the development of the situation, the main problems existing in the marketing cost control of the retail of oil products at present is pointed out: firstly, the distribution of marketing resources is uneven, and the regional resultant force is not fully played; secondly, the marketing goal is not accurate and the best effect is not obtained; thirdly, the marketing process monitoring is not in place, and the whole process control is not realized; fourthly, the marketing effect evaluation is not perfect and has not been comprehensively optimized and improved. The corresponding improvement measures are proposed, viz., improving the scientific overall allocation of marketing resources, implementing precise marketing to achieve cost reduction and efficiency increase, strengthening the measurement of marketing volume and efficiency, and strengthening the control of the marketing process.

Key words: oil product, retail, marketing, cost, control, strategy.

34 Analysis on Battery Charging and Changing Mode

for Electric Vehicle in Taxi Scenario. Zhang Qian.

Abstract: The development direction of new energy vehicles under the goals of carbon peak and carbon neutralization is briefly introduced. There is large insufficiency in charging facilities, and the route of battery changing returns to the market. Relevant policies support the battery charging and changing mode in parallel. Taking the operation of electric taxis in Beijing as an example, the advantages, disadvantages and economic benefits of the battery charging and changing mode of electric vehicles in the taxi scenario are compared and analyzed from the aspects of taxi driver income, single vehicle profit of taxi company, battery changing station and charging station profit, and it is concluded that the overall economy of the battery changing mode is better than that of the charging mode. At the same time, some suggestions are put forward for the future development of battery charging and changing business.

Key words: electric vehicle, battery charging, battery changing, mode, comparison, analysis.

37 Application of Classification and Grading Model of Gas Station Chain Convenience Stores. Lü Zhiting.

Abstract: In view of the problems existing in the traditional classification of gas station convenience stores in China, such as the lack of practicality of indicators, the difficulty of applying evaluation results, fuzzy qualitative and extreme quantitative, based on the brief introduction of the concept of user portrait and classification and grading model, user portrait and its construction, the application of user portrait in the field of business management and classification and grading model, the classification and grading model of gas station chain convenience stores based on user portraits is constructed and the application method of the model is introduced in detail, which can provide a new path for the classification and grading management of gas station chain convenience stores.

Key words: gas station, chain, convenience store, classification, grading, management, model, construction, application.

41 Countermeasures for Transformation of Internal Audit in Petrochemical Enterprises in the New Era. Liu Haijing

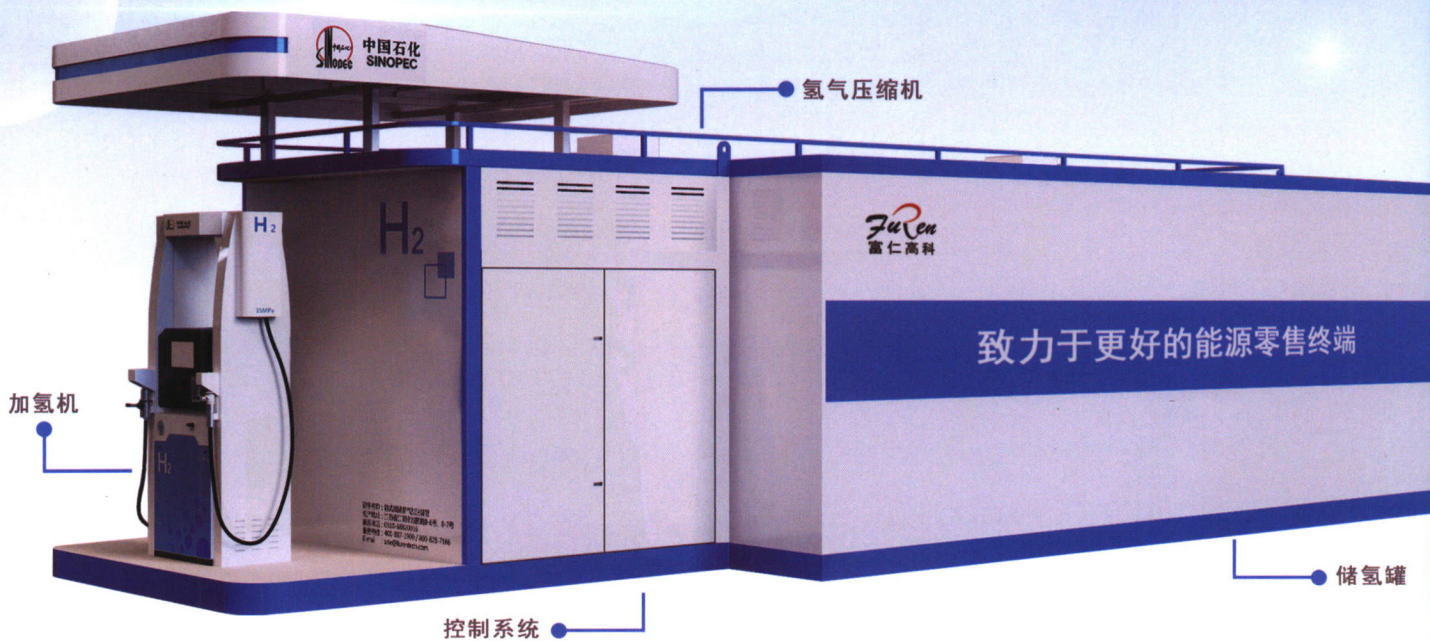
Abstract: The necessity of the internal audit transformation of petrochemical enterprises in the new era is pointed out, the challenges faced by the internal audit of petrochemical enterprises are analyzed, such as the unscientific establishment of audit projects, the immature audit informatization, and the low professional level of auditors. And the corresponding countermeasures are put forward, viz., innovating the audit concept, clarifying the audit positioning, improving the audit system and mechanism, changing the audit methods, strengthening the construction of audit team, and transforming effectively the audit results, which can provide reference for the internal audit transformation of petrochemical enterprises in the new era.

Key words: new era, petrochemical enterprises, internal, audit, transformation, countermeasures.

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