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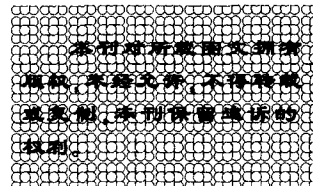
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Abstract: According to the national standards "Technical standard of fuelling station (GB 50156—2021)" "Emission standard of air pollutants for gasoline filling stations (GB 20952—2020)", the working principle, structure, characteristics and selection 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.

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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.

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

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

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

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

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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

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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.

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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

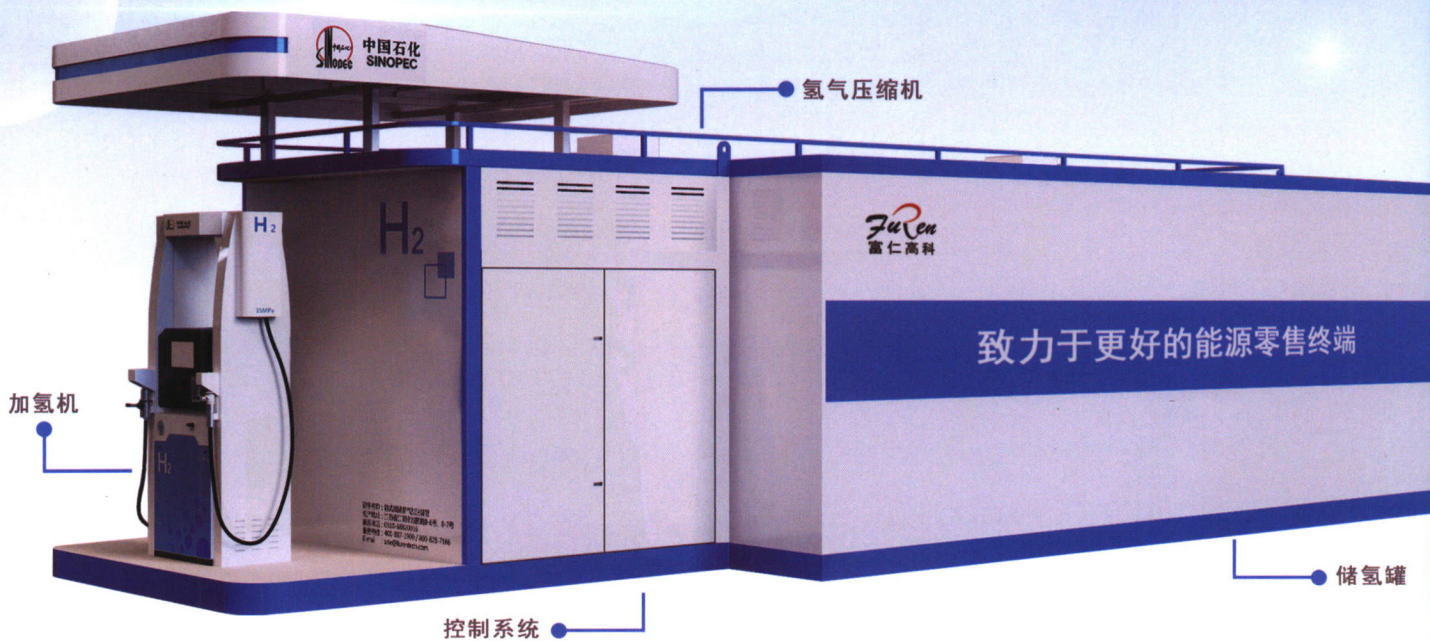
Abstract: The necessity of the internal audit transformation of petrochemical enterprises in the new era is pointed out, the challenges faced by the internal audit of petrochemical enterprises are analyzed, such as the unscientific establishment of audit projects, the immature audit informatization, 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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