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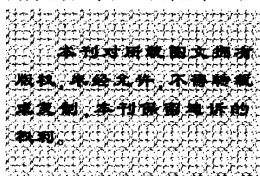
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Abstract: Based on the analysis of the unfavorable effect of crude price fluctuation on China, and the basic factors influencing crude price fluctuation, the advice relating energy policy was proposed.

Keyword: crude price, domestic economic, energy policy.

5. Introduction on Construction of Green - Island - Type Gas station. Liu Anbing

Abstract: The concept of constructing green - island - type gas station in big cities is introduced. The green - island - type gas station showed the advantages of small land occupied, novel technology, beautiful environment, convenience and rapidity.

Keyword: oil product company, green - island - type gas station, introduction.

6. Thoughts on Staff Training of Petrochemical Retailing Enterprises. Ren Jingshi, Zhang Yunlong.

Abstract: The main defects existing in staff training of petrochemical retailing enterprises of lack of long term strategy, less attention to the contents of spiritual aspects, incorrect analysis of personnel structure, incomplete training system and lack of necessary evaluation of training effects are pointed out. The main strategy to address above mentioned defects is suggested. In order to improve staff training it is pointed out that the leaders should change ideas, the training effects should be evaluated and fed back, the core competitiveness of enterprise should be constructed.

Keyword: petrochemical retailing enterprise, staff training, strategy, influencing factor.

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9. Establishing Long Term Reporting, Analyzing and Sharing System of Unaccomplished Incidents to Improve HSE Management Level Continuously. SINOPEC Yunnan Oil Products Company.

Keyword: safety management, HSE, unaccomplished incident, analysis.

12. Thoughts on Improving HSE Management in Petrochemical Sales Enterprises. Shi Jinxian.

Abstract: The status and main problems existing in sales enterprises at present are pointed out. The advices to improve HSE management of realizing trinity system, overall advance, eliminating the unsafe state of materials, enhancing the staff' s loyalty, regulating the system mechanism, solving the "double level skins" phenomenon are proposed to emphasize HSE management practically and effectively.

Keyword: petrochemical sales enterprise, HSE, thought.

14. Brief Talk on the Construction Technology Measures of Gas Station in Winter. Wangquanming.

Abstract: The technology preparation and the main technology measures for construction of gas station in winter are introduced briefly.

Keyword: gas station, construction in winter, technology measure.

QUANTITY AND QUALITY MANAGEMENT

16. The Factors Influencing Determination of Manganese Content in Gasoline by Atomic Absorption Spectrometry. Yang Yong.

Abstract: In order to determine manganese content in gasoline accurately using Atomic Absorption Spectrometry, the effects of lamp current, fuel to combustion - supporting agent ratio, burner height on absorbency were investigated by experiments. The results showed that under the condition of the used instruments and purity of gas source, a lamp current of 10 mA, a fuel to combustion - supporting agent ratio of (1. 21. 8): 15, and a burner height of 9 mm or 10 mm were recommended. Pri-

or to the determination of lamp current, burner height and the fuel to combustion - supporting agent ratio should be determined.

Keywords: Atomic Absorption Spectrometry, gasoline, manganese content, influencing factor.

20. The Application of Hybrid Inventory Measurement System in Oil Depot. Su Xin.

Abstract: Several liquid level metering methods for oil tank are introduced briefly, and the structure, main function, operating principle and application of hybrid inventory measurement system (HIMS) in oil products tank measurement are described. The results of HIMS were compared with manual oil metering method, and the difference between two methods was analyzed which showed the differences varied in the allowed scope. By using HIMS, the man power can be saved and oil tank metering efficiency can be increased.

Keyword: HIMS, oil products tank, manual oil metering method, difference.

22. The Effect of Operation Details of Lamp Burning Test on Accuracy of Sulfur Content. Feng Jianping.

Abstract: The factors influencing sulfur content determination using lamp burning test was studied, and the main measures to improve measuring accuracy of sulfur content in oil was discussed. The results showed that under the optimal operating conditions of proper quantity of sample, suitable lampwick and inner diameter of lamp tube, reasonably adjusted gas flow, well - controlled shape and size of flame, without black smoke and flameout when burning, and the reagent solution and titration operation following capacity analysis method, using the National Standard GB/T380 lamp burning test to determine sulfur content, the accurate analysis data could be obtained with decreased analysis error even at low level of sulfur content, which could significantly increase the accuracy of sulfur content determination.

Keyword: lamp burning test, sulfur content, operation detail, accuracy, influencing factor.

SAFETY TECHNOLOGIES

25. Regulating the Anti - Explosive Measures for

Oil Vapor Recovery Unit in Oil Depot. Zou Songlin, Yan Xiaoqiong.

Abstract: According to the nonstandard phenomena of anti-explosive measures for oil vapor recovery unit existing in oil depot, the applicable conditions of anti-explosive control modes are analyzed, and the notice of selecting temperature limit for electric apparatus and non-electric equipments is proposed to emphasize the necessary of anti-explosive qualification.

Keyword: anti-explosive mode, temperature profiles, non-electric equipment anti-explosive, anti-explosive qualification.

28. The Types and Application of Foam Proportional Mixers. Tang Liming, Hao Min.

Abstract: The working principles of the common foam proportional mixers used in practical projects were introduced. The features and applications of various foam proportional mixers were described, which provided reference for working personnel to select proper style and operate correctly in practical production.

Keyword: foam proportional mixer, type, application.

31. Safety Risk Evaluation of Oil Depot Operation by Event Tree Analysis Method. Wang Zhiyuan, Lai Guowei, Wang Feng, Wang Zhiming.

Abstract: According to the management regulation and requirement of oil depot safety inspection, a kind of oil depot safety risk evaluation method based on Event Tree Analysis (ETA) was developed, which by means of constructing oil depot operation event tree, could calculate the occurrence probabilities of all consequential events, and determine the risk index in accordance with the seriousness of the consequential event, assess the risk grade scientifically and release corresponding risk warning, thus prevent effectively occurrence of accident. The example of safety risk evaluation on oil depot pipeline fire operation showed the scientific and effectiveness of said method.

Keyword: oil depot, operation safety, risk evaluation, ETA.

STORAGE TECHNOLOGIES

36. Pipe Cleaning Technology Practice of Kuala-Shanshan Oil Pipeline. Zhang Xiaoli, Zhong Ka, Yang Fan, Wang Fang, Miao Dianguo.

Abstract: The situation of Kuala-Shanshan oil pipeline and the cleaning operation are introduced. In order to summarize the experience of pipeline cleaning, the actual process of the 21st pipeline cleaning operation of Kuala-Shanshan oil pipeline is introduced in details, and the effect of pipeline cleaning operation is studied and analyzed deeply, which provided references for the safe pipeline cleaning operation in the future.

Keyword: oil pipeline, pipeline cleaning, pipeline cleaning period.

39. Construction of GIS Database for Long-Distance Oil Pipeline. Zhang Zhiliang.

Abstract: The Geographic Information System (GIS) for long-distance oil pipeline is introduced briefly. The contents required for long-distance oil pipeline GIS database are proposed, and the flow chart is drawn. The on-site application results show that GIS database can reduce the failure rate of long-distance oil pipeline by about 30%, which can not only guarantee the production and also reduce the equipment maintenance costs.

Keyword: long-distance oil pipeline, GIS, database, application.

42. Construction Ideas of IC Card Self-Assisted Oil Dispatching System in Oil Depot. Cheng Bochen, Tan Weiwen.

Abstract: Implementing IC card self-assisted oil dispatching in oil depot quantitative dispatching system is a deeper technology exploration of data flow direction and management operation mode of oil depot highway dispatching process based on ERP system. The implementation of oil depot IC card self-assisted oil dispatching system improved the operation pattern, management mode, data integrity, data collection path, and information transport efficiency of oil dispatching platform.

Keyword: oil depot, IC card, self-assisted oil dispatching.