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RATIONAL RISK MANAGEMENT WHEN ISSUING PERSONAL PROTECTIVE EQUIPMENT AT MECHANICAL ENGINEERING ENTERPRISES

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With the development and progress of society, new technologies are constantly applied to oil depot, and many operations have been automated. At this time, the safety level of the safety elements of the oil depot depends on our analysis and evaluation results of the safety management of the oil depot. Therefore, we should make a scientific evaluation of the safety of the oil depot according to the actual situation, and implement the safety management system of the oil depot. At present, we have not done enough in the safety management and evaluation of oil depot, and this paper improves these two aspects.

According to the oil depot safety accident mechanism, depot safety management factors can be divided into four categories: human factors (including personnel safety and responsibility consciousness, quality), factors (type of oil, equipment status), environmental factors (natural environment and social environment), management factors (management standards, management methods). These factors are divided into multiple indicators for specific analysis in the safety evaluation. This paper introduces the present situation of oil depot safety management through the element analysis. [1, p.230].The safety management mode of the oil depot is generally divided into two kinds, one is the people-centered safety management mode, which focuses on correcting the unsafe behavior and reducing the misoperation of employees; the other is the object-centered safety management mode, that is, the hidden safety hazard comes from the equipment failure of the oil depot. However, in reality, safety management personnel often emphasize the management of people, but ignore the safety management of equipment, which leads to the equipment in the oil depot does not meet the standards of safety management. Oil depot equipment includes building structures, oil tanks, pumps and supporting facilities. [2, p.154].They lack of maintenance and update, outdated equipment, low science and technology content lead to fire, lightning, safety environment protection ability is weak, often occur oil leakage phenomenon. All these phenomena show that there are problems in the safety management of oil depot equipment, The safety management of the oil depot is very difficult, requiring professional safety management personnel to engage in this work. They should be familiar with the safety management and the nature of oil products. But at present in our country such talent is not much, so the oil safety management team,

composed of empirical, lack of safety professionals, low skills, safety, weak consciousness, the equipment management does not reach the designated position, even for harmful gas prevention, fan measures does not reach the designated position, cause the diffusion of harmful gas, the implementation of the safety management system of efficiency is very low.

The safety management of the oil depot is a systematic and long-term work, which requires us to keep vigilant and stick to it, and constantly improve the safety management work. In addition, continuous feedback should be given according to the safety management situation, and the safety evaluation of the oil depot gradually becomes more scientific. Relevant units should pay attention to these two aspects to ensure the continuous and safe operation of the oil depot. To ensure the effective management of labor protection, it is necessary to train specialists who are able to make quick and clear decisions and implement them, to have the necessary knowledge, skills, abilities and experience, the observance of which should a priori ensure the safe performance of work and safe working conditions when the employee performs his job function and fulfills his duties production organization employer [3, p.96].

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