

Study on the Fine Management in Oil and Gas Pipeline Construction

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Abstract: Promoting fine-grained management and control in oil and gas pipeline construction enterprises is a systematic project. Because the construction of oil pipelines involves complex social factors, the capital investment for the project is very large, and the construction period is long. The construction process is also complicated, and the construction company needs to do a fine management of the input cost and quality control. This will not only reduce the maintenance cost and improve the cycle of the pipeline, but also for the construction company itself and its It can reduce the economic losses caused by oil and gas-related enterprises, and at the same time, it can provide sufficient guarantees for the safety of people's lives and property.

1. Introduction

Refined management is one of the important concepts in modern enterprises and construction management. The so-called refined management is to scientifically and comprehensively understand the functions of various departments and positions in construction or production, and to divide them in detail according to the actual situation of the enterprise Above the post. Refined management can enable each employee in construction or production to recognize their own responsibilities and work content, so as to carry out various tasks in a more targeted manner. This method can greatly save personnel costs within the enterprise, effectively avoid the situation of overlapping positions and waste of manpower, thereby improving the work efficiency of the enterprise. Refined management is not a overnight operation. It requires a long-term implementation and implementation of the company. During the implementation process, the contradiction between refined management and the concept of enterprise development is discovered in time, and this problem is solved through modern management methods, so that Making the refined management of the enterprise more in line with the development needs of the enterprise is conducive to the implementation of refined management. In traditional extensive management, employees are unable to clarify their actual work scope, which results in a decline in work efficiency and is not conducive to the future development of the enterprise. In modern refined management, the entire management content of the company is finely divided, the work efficiency of employees is improved, and the company has a stronger competitiveness, which makes the company invincible in the competition.

2. Necessary Conditions for Promoting Refined Management

In order to achieve healthy and stable development, enterprises must first be scientific and effective in terms of system management. Only by establishing corresponding organizations and internal implementation procedures, methods and rules, can scientific, standardized and refined management of enterprises be effective. achieve. After years of development, the company has rationalized its management thinking from the perspective of the management system, and formulated and improved the management system and operating procedures in each link from the enterprise to the project operation to ensure the development process of the enterprise. The management control and orderly operation in the process have formed a top-down, unified and coordinated operating system and rules of behavior. According to the actual management of the enterprise, a “three satisfactions” management system is gradually formed as the basis, and three different management systems are adopted as the “economic management method of management”

in the structural framework, and this is used as the general outline , Compiled the “Project Construction Management Specifications”, and promulgated the “Project Management and Implementation Principles” and so on.

3. Application of Refined Management in Oil and Gas Pipeline Construction Management

To realize the refined management of oil and gas pipeline construction, the first task is to establish a sound oil and gas pipeline construction management system, so that each member of the management department can effectively carry out various tasks under the constraints of the system. Therefore, according to the actual situation of the construction project, comprehensive planning should be carried out for each link and post in the project, so that the system can be implemented in each post. For the construction link, construction materials, construction posts, safety production, etc., Carry out refined and standardized management from multiple angles, and promote the successful completion of various tasks during construction through a perfect system. In addition, the implementation of the system should be strengthened to avoid the problem of the separation between the previous system and the actual management. The incentive mechanism should be introduced into the management of oil and gas pipeline construction to form a clear management environment for rewards and penalties. Or employees should give certain material rewards and spiritual encouragement to stimulate the enthusiasm of employees. If the department or employee with poor execution ability and ignoring the oil and gas pipeline construction management system should strengthen their persuasion and education, so that they can recognize the importance of the system, and punish those who have not taught repeatedly, so as to urge the internal staff.

Standardized units are a key component to ensure the fine management of oil and gas pipeline construction. Enterprises should strengthen the adjustment of the internal structure of the enterprise and form a management team. All decisions during construction need to be implemented after group discussions, and are targeted at each unit and department. Gain an in-depth understanding to ensure that the crew members can perform various tasks under effective management. In addition, the communication between superiors and subordinates should be strengthened so that information can be transmitted in real time. Enterprises can establish an enterprise information system platform, and employees of all departments communicate on this platform, which greatly shortens the time of information transmission, forms an efficient, democratic, and open atmosphere within the enterprise, and encourages each employee to freely express his own speech. According to the reasonable suggestions of employees, managers should sort them out, and then understand the problems in the internal management and construction of the enterprise from multiple perspectives, which will help improve the management level of oil and gas pipeline construction.

With the development of information technology and network technology, in order to strengthen the management effect of oil and gas pipeline construction, enterprises should build an oil and gas pipeline construction management information system and selectively add different modules according to the actual situation of oil and gas engineering projects, so as to meet the actual situation of engineering construction management. demand. In the oil and gas pipeline construction management information system, each worker uploads his work content and construction progress to the database, enabling the management staff to carry out unified management on it. Once any problems occur in the construction of oil and gas projects, they can immediately find the relevant responsibilities. People in order to carry out processing in a timely manner. Through the oil and gas pipeline construction management information system, it is possible to clarify the division of labor and responsibilities of management personnel and positions, thereby achieving detailed oil and gas pipeline construction management goals.

At present, China's oil and gas projects are characterized by long construction time, large project scale, and complicated construction design work. The amount of funds required for the project is large. In order to improve the capital utilization rate of oil and gas projects, and to ensure the improvement of oil and gas pipeline construction management level, Enterprises should establish standardized fund management methods and subdivide funds into each construction link and construction department. Although this method is difficult and has a large workload, through this

standardized and refined management method, It can strictly control the capital flow of each construction link, greatly reduce the construction cost of oil and gas pipelines, avoid waste of funds, and improve the economic returns of enterprises.

4. Enterprise Refined Management Methods

The key to whether a company's management system can play a maximum role is whether the management system can be carefully and accurately implemented and implemented. In response to this situation, the company's key work needs to be implemented from the aspect of the implementation of the system. The organization inspection team in the company occupies more than half of the institutions. Among them, the regulations and processes and management procedures need to be implemented for the positions of each unit at the basic level Check of condition. The actual inspection results show that the coverage, execution rate and load rate of the rules and regulations and management processes need to be maintained at a relatively high level, and the effectiveness of the refined management of the enterprise is obvious. At the beginning of each year or at the beginning of a new project construction, each grassroots unit and each project manager need to compile business goals and plans, or target cost management measures. To promote the management and implementation of the target project, the company needs to complete the review of the management committee of the management within half a month, and issue an order to start execution. At the same time, the company needs to calculate and release the operational responsibility system of each unit and each project experience department according to the regulations and standards set by the experience plan of each unit and each project and the responsibility system. And control its quota index.

The company needs to set up resource allocation and effective management of the leadership group. The manager can be the team leader to uniformly organize and lead the construction resource allocation and management. The company needs to start or hold construction resource management meetings on a regular basis. Make a conference decision on the allocation of resources during the construction process; as long as it is a newly established project, it must first be prepared by the project experience department and reported to the project resource plan, and the company's construction team is required to report After implementation of the company's comprehensive assessment. The company is setting up a standard mechanism, setting up a leadership group, and the manager as the leader, to implement the management measures of the party and government and the industrial group for the standardized unit. The management between each department needs to go deep into the unit; according to the company's According to relevant regulations, the management of the project is mainly through the unit of the unit, and the standardized unit construction staff set up for each project is mainly responsible for the information transmission and communication between the upper and lower stages; the standardized unit construction formulated and promulgated There are a total of nine standards, and standards for the establishment and evaluation of standardized units have also been formulated, and then incorporated into the company's operating responsibility system as an assessment project for the leadership of the Agency and the unit; the company has also formulated the The Management Outline for Grassroots Construction and Non-Standardized Unit Construction Management Measures have achieved comprehensive coverage of grassroots construction and management work; in the true sense, it promotes and guarantees the stable implementation of refined management of enterprises.

5. Conclusion

Discuss, through the elaboration of this article, we can understand that the promotion of fine management and control in gas pipeline construction enterprises is a systematic project. Due to the complex social factors involved in the construction of oil pipelines, construction enterprises need to make good investment The refined management of quality control can not only reduce the maintenance costs and improve the cycle of pipeline use, but also reduce the economic losses caused by the construction company itself and the oil and gas-related enterprises, and also for

people's The safety of life and property provides sufficient guarantee.

References

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