

Current Situation and Management Methods of Safety Production in Municipal Engineering Buildings

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【 Abstract 】 With the expansion of the scale of municipal projects and the acceleration of construction speed, the safety of construction has gradually become the focus of attention. "Safe production" is an unavoidable and very important content in the construction of municipal engineering and related projects. As the contractor of municipal works, the construction party has the responsibility and obligation to ensure the safety of municipal engineering construction, and the safety of life and property cannot be threatened again. Based on this, the following paper discusses the current situation and management methods of safety production in municipal engineering construction.

【 Keywords 】 municipal engineering; construction safety production; current situation; management method

1 introduction

In the process of municipal engineering construction, construction units to integrate various risk factors and safety factors, combined with the actual situation of engineering construction, optimize the construction safety management standards, safety management process, control the potential risk factors, improve their safety civilization construction consciousness, improve the previous construction safety management way, change the traditional management thought, increase engineering safety construction investment, for the whole project construction, create a safe and effective construction environment.

2 Overview of municipal engineering and construction safety production management

The object and scope of management of construction safety production management can be divided into macro level construction safety production management and micro level safety production management. Construction safety production management is the management of construction safety in production, it refers to the national production safety supervision and administration institutions and the construction department of the principle of certain organization, division of labor cooperation, in accordance with the relevant safety laws, regulations and rules on the safety of construction enterprise inspection, supervision, supervise and guide the construction enterprises to improve and improve the effect of production safety. The implementation of the construction safety production management, must use orderly and scientific construction safety production management system, within this system, the construction safety supervision and administration institutions and the relationship between the construction administrative department of construction enterprise supervision and administration of the division of labor is clear, responsibility, the final effect is the implementation of construction safety laws and regulations,

effective guide, stimulate the construction enterprise independent attaches great importance to the safety in production.

Building a harmonious socialist society is a major strategic task put forward by the Communist Party of China from the overall situation of building a moderately prosperous society in an all-round way, which reflects the fundamental interests and aspirations of the broad masses of the people. Under the leadership of the Communist Party of China, the Chinese government has always attached great importance to the safety of production and labor protection of the workers in construction and municipal enterprises. The Standing Committee of the National People's Congress and The State Council are formulating, issuing and implementing production safety, Labor protection laws and regulations, In terms of formulating and issuing and implementing safety production regulations and technical standards for construction and municipal construction enterprises, All have made great achievements, Specifically issued the Regulations on the Reporting and Investigation Procedures for Major Construction Accidents and the Regulations on the Supervision and Administration of Construction Safety Production and other departmental regulations, Construction safety technical standards and specifications such as Construction Safety Inspection Standard, Construction Safety Technical Code for High Operation, Safety Technical Code for gantry and well frame material hoist, and Technical Code for Temporary Electricity Safety on site have been promulgated.

3 Characteristics of construction safety production management

Due to the construction mode of particularity (single, dispersion, liquidity, labor intensive, outdoor operations, etc.), coupled with China's vast territory, different regions in geography, climate, humanities, etc, different enterprises also have different differences, in the face of different working environment and external social environment. Therefore, building safety management has the characteristics of complexity, liquidity and regulation.

4 Analysis of the safety production status quo of municipal engineering and construction

4.1 Safety management measures are not perfect

Based on the complexity of the current construction process and the diversity of construction methods, the construction enterprises need to actively take various forms of construction safety management measures. But the safety management of some construction enterprises, due to the lack of investment in human resources, material resources, financial resources, the lack of management, absence and and the construction practice does not adapt to the problem is prominent. At the same time, some construction enterprises in the construction process encountered safety problems or safety risks, blindly rely on the old ideas, old measures, mending the pass, buried a lot of risks. In addition, the safety management system of some construction enterprises is not sound, the division of responsibilities is not clear, the arrangement of construction safety inspection is relatively few, many safety protection systems and measures have not been effectively implemented in the construction site, resulting in the safety management work on the surface, the effect is flat.

4.2 The safety quality of the construction personnel is relatively low

Because the construction personnel are in the first line of construction, they are not only the implementation of construction technology, but also the executor of safety management measures. Therefore, the construction personnel need to have sufficient safety awareness, and the construction

process must actively implement the safety construction system and steps. But because of China's first-line construction workers are many migrant workers, not only the cultural level is low, and personnel mobility, lead to the construction enterprise team construction personnel safety education and training work often lack of effectiveness and sustainability, construction personnel safety awareness and execution cannot effectively improve for a long time, thus weaken the effect of construction engineering safety management. If some construction personnel on the use of mechanical and equipment instructions and operation specifications understanding and implementation is not in place, often illegal operation, which is easy to produce unexpected risks. At the same time, when the safety production accident occurs, due to the lack of preparation in advance, the lack of safety protection methods and self-protection ability, it will virtually increase the probability of safety accidents, and may increase the severity of the accident.

4.3 Site safety management is chaotic

For the implementation of the construction safety management, its problems also in a line of construction, because for the construction site safety management does not reach the designated position, a line of construction operation in the existence of more safety problems and problems are not better processing, inevitably is likely to affect the actual benefits of the whole construction engineering construction safety management. Of course, this chaos of site safety management is also related to the construction safety management mode and technology lag, it is difficult to adapt to the new requirements of the current new situation, and eventually it is very likely to appear management loopholes and defects, safety accidents will occur.

5 Targeted management method of municipal engineering construction safety production

5.1 Formulate a detailed and clear safety production management related to it

It is stipulated that municipal engineering construction projects are related to people's lives, so the construction unit should pay attention to the whole production process of construction projects, pay attention to safety production in construction, formulate detailed and clear relevant regulations on safety production management and take this as the management standard. In addition, municipal units should also formulate corresponding department management regulations, that is, different departments have different work responsibilities and division of labor, and the safety accidents occurring in the construction process of municipal engineering construction should be investigated and given strict punishment. Municipal engineering construction units should also make certain reward and punishment regulations, so as to improve the attention of different departments of safety production, if safety accidents caused by management does not reach the designated position, the need to the relevant management department accountability and give severe punishment, so that the municipal engineering construction in various departments to avoid effective management of safety accidents.

5.2 We will strengthen the supervision and administration of production safety

Reasonable and effective supervision and management can improve the construction quality and safety production level of municipal engineering construction to a large extent, so that the whole process of construction is in a safe and stable state, and reduce the sudden rate of safety risks. Therefore, in the process of municipal engineering construction work, we should strengthen the supervision and management of the construction site work and safety production, and must follow

the safety construction guidelines to firmly control the whole process of engineering construction. First, before the municipal engineering construction unit, the construction to the relevant management department, so that the whole construction process can be orderly; Second, the departments responsible for the supervision and management department shall improve the efficiency of their work and changes in their work, so as to avoid the form of the production safety.

5.3 Improve the comprehensive quality of safety management personnel

For the implementation of construction safety management in construction projects, in order to maximize the ultimate safety management effect, it is also very important to pay attention to the improvement of the comprehensive quality of safety management personnel, which needs to promote the safety management personnel to have the development concept of keeping pace with The Times, and avoid being limited to the traditional construction safety management mode. In the future, construction safety management personnel need to timely understand the development trend of construction projects, grasp the various factors and threats involved in the development of construction projects, and then can explore the most appropriate new management methods and means, and finally ensure that the safety management is more appropriate and reasonable.

6 Conclusion

Municipal engineering construction safety production management in the current apparent out of the necessity of strong, in order to better improve the construction safety production management effect, must need detailed analysis of existing problems and deficiencies, adopt targeted strategies to optimize, pay attention to improve the ability of safety management personnel, reduce AnQi accident chance.

reference documentation

- [1] Wan Renli. Analysis of safety production status and management methods of municipal engineering construction [J]. Residential Industry, 2018 (11): 157 + 159.
- [2] Sun Yanchun, Wang Song. On the current situation and management method of municipal engineering safety production [J]. Residential Industry, 2017 (08): 146 + 148.
- [3] Guo Jianhua. Research on the safety production status and management measures of municipal engineering construction [J]. Chinese and foreign entrepreneurs, 2017 (13): 123-124.
- [4] Xia Jianhui. Municipal engineering construction safety production status and management method [J]. Residential Industry, 2016 (11): 157 + 159.
- [5] Mao Hong. Analysis of municipal engineering construction safety production status and management measures [J]. Shanxi Architecture, 2012,38 (17): 277-278.