

Chapter 2

Sustainable and Dynamic Supervision

Study on Safe Architectural

Production Permit

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Abstract Nowadays, safe architectural supervision in China is still in its primary stage and there is still much to be perfected and improved. From time to time, enactment of new laws and regulations play the role of a promoter and facilitator to the safe architectural supervision. This paper, mainly from the perspective of significance and purpose of construction safe production permit, offers some specific suggestions on sustainable and dynamic safety supervision to construction companies.

Keywords Construction unit • Security license • Dynamic security supervision

2.1 Introduction

According to Chinese laws and regulations, any construction unit that wants to run architectural business must have relevant construction safety license. Constructors who violate this provision will be subject to severe penalties [1]. Supervisions on construction enterprises and businesses are required to guarantee that contractor's production condition should meet the requirements of the construction safety license and dynamic safety supervision. The construction safety supervision and management in china is still in its infancy stage and there are many problems in its operation mechanism of supervision the management. Related scheme is still far from completion and corresponding personnel's quality is still low. All these factors become a stumbling block in sustainable and dynamic safety supervision.

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For better work of this matter, related leaders of the architectural units have to pay more attention with more initiative [2]. Their work is to implement self-examination and actively promote safe construction work. Moreover, let the external organizations of supervision and management participates. And finally form a set of sustainable and dynamic supervision mechanism that ensures safe construction [3].

2.2 Meaning and Significance of Sustainable Dynamic Supervision on Safe Architectural Production Permit

2.2.1 Meaning of Sustainable Dynamic Supervision

The so-called dynamic can be understood as the condition which is constantly developing and changing. To develop safe production dynamic supervision, we should have the goal and the rules to be formulated under the premise of definite rules and regulations according to the actual situation and environment which building company in. And finally we gain the corresponding evaluation results. In the supervision system, the definition of the relevant target and norms marks the purpose and implement of the supervision. In actual work, the dynamic supervision always changes according to the actual work needs. And then it generates supervision system corresponding with reality, it also reflects the principle of dynamic. In addition it is dynamic supervision makes evaluation at last that show the dynamic supervision has certain timeliness. In the process of the dynamic regulatory system it can well promote the safe production of the construction department. It provides the solid foundation guarantee for safe production of the project.

2.2.2 Scientific Dynamic Supervision on Safe Architectural Production Permit

While carrying out dynamic supervision on safe production permit, it should be done on incentive basis. Fundamentally dynamic supervision on safe production permit is actually a kind of the supervision system which constantly encourages construction unit according to its actual condition. It makes use of every method to encourage people's safety motive, so that relevant personnel can take safety behaviour self-consciously and constantly make effort to meet this goal. Generally speaking, it aims at fully mobilizing the enthusiasm of related personnel. This supervision strategy usually begins from actual production needs, and constantly develops new motivation during the work. It can guide people's behavior through motive before reaching the goal eventually, the achievement of which, in turn,

brings new needs and motive, thus forming a kind of sustainable state of periodic development, and finally realizing the purpose of dynamic supervision on safe production permit.

2.2.3 Staff Participate in Dynamic Supervision on Safe Architectural Production Permit by Use of Systematic Theory

At the beginning of dynamic supervision on safe production permit, the aim of using system theory is to let staff participate in and work as a master. The use of system theory is based on the basic characteristics of objective things, started from safe production of the whole construction. The changes of production and management should be timely diagnosed so that we can adopt scientific rational treatment to them according to the surroundings and internal enterprise characteristics. The launch of dynamic supervision on safe production permit is conditioned to safe production of the whole enterprise, take good care of the relationship between each employee and the enterprise and enable each employee to take part in the whole supervision process, constantly promote the employee's safety consciousness and the sense of responsibility, increase their positivity and initiative so as to create favorable conditions for successful process of the whole security supervision.

2.3 Implementation Strategy of Sustainable Dynamic Supervision for Construction Safety Production Permit

2.3.1 Relevant Staff of Supervision Units Should Enhance the Communications of Safety Production Information with Enterprises

The work content of current building operations is trivial and complicated. The corresponding responsible staff must face various works every day and the related safety production work is only a part of them. Therefore, if the relevant responsible staff are expected to pay more attention to safety production issue and put much more efforts on it as well as solve safety issue well from the bottom of their hearts, it is not only the responsible staff needs to have stronger safety responsibility, but also the correlative safety production supervision department needs to promote the communication with the responsible staff. For example, the responsible staff of every project should be gathered together periodically to hold safety production work meeting, learn various safety production rules and regulations, summarize

and exchange based on the status in present industry, find the existing shortage and merits in working between enterprises, then learn from each other. All of the above acts are on the purpose of making every safety responsible staff have the concept that safety production is primary. In addition, as for the lacking phenomenon of safety management in some enterprises, the exact responsible staff should be aimed to proceed a necessary communication, say clearly the advantages and disadvantages so as to make safety production not only staying in word, but also penetrating into every corner of the works. The chord of safety production must be tensioned all the time in strict accordance with all of the rules and regulations. Only in this way, the supervision management work of construction safety production can be achieved indeed, all of the productions can be conducted on the premise of safety and the principle of safety first can be insisted all along. Through the way of communication between regulator authority and safety responsible staff in enterprise, it can not only make enterprise itself to conduct safety management work as better as it can to improve its own safety constraint strength, but also adequately play a function role of regulatory authority, thus, the real function of sustainable dynamic supervision and control for safety production can be played out better.

2.3.2 Related Supervision Department Should Play a Corresponding Role in Supervising and Urging Enterprises to Establish Safety Production Responsibility System

In the process of safety production management work, the most important thing is to necessarily establish and effectively complete all kinds of safety rules and regulations, what's more, these rules and regulations should be strictly performed into safety production management work. Along with the continuous improved system on national construction safety production, some original system of enterprise cannot meet the current requirement and needs to do some necessary modification. But in reality, since the enterprise faces a variety of works, the insider frequently ignores the modification on these rules and regulations. From this point of view, it is necessary for the related safety supervision department to aperiodically precede inspection work on correlative contents to the enterprises according to the actual situation. In addition, the enterprises themselves should seriously carry on work in accordance with various rules and regulations, implement the responsibility system, carefully read the details in the system and attentively carry out in the work to make all of the safety production administrative staff authentically fulfill their duties and obligations. The purpose of the above measures is to achieve that the whole construction site can be smoothly proceeded on the premise of complying with the safety production regulations.

2.3.3 Focus on the Construction of Backbone Contingent, Promote Self-Development of Safe Production

As for construction enterprises, safe production supervision cannot be carried out smoothly without the support of the related leaders. Only with the emphasis leaders put on safe production can the supervision be implemented smoothly. Besides the influence of related safety management personnel should not be ignored. With a good sense of safety responsibility and general knowledge of relevant laws and regulations, the management personnel can take proper safety measures to carry out their work, thus realizing the goal of safe construction. And in order to improve the sense of responsibility and knowledge of the personnel, we can take the following measures. Firstly, related safety supervision regulators should organize safety conferences in accordance with the company's actual situation, invite experts and scholars to deliver lectures, educate staff with cases to impart advanced safety management and enhance their safety consciousness. Secondly, organize the staff to visit, study and exchange experience of preeminent companies. Field study makes it easier to understand the merits of those experiences which can then be applied to the management of safety production. Finally, organize safety inspection activities among counterparts. Each company has its own particular organization method and successful experience. These activities provide them good chances to learn from others' strong points to offset the weakness, thus avoiding flaws in work. Only when the leaders improve their comprehensive qualities can the safety management of construction site be under full control and the enterprise move with favorable development.

2.3.4 Conduct Essential Safety Training for Employees, Enhance Their Safety Consciousness

The fundamental problem of construction enterprise lies in the employees' safety consciousness because the basic safety production is carried out by them. In order to solve the problem for good and for all, companies should conduct essential safety training enabling them to obtain common safety knowledge and realize the importance of safety production. In this way they will gradually form safety consciousness from the inside.

Nowadays the majority of the employees in construction are peasants who have not taken any essential safety training, and most of them are just temporary workers. It is an important task to find a feasible solution to conduct effective safety training for them. Related safety supervision regulators can take the following methods: conduct essential 3-level safety training at construction site and make sure every trainee sign his name and then conduct random inspection periodically to see the effect; set up zones to propagandize safety production in the construction site and update information timely; related project directors should

hold safety meetings regularly, each team keep a detailed record of the meetings and convey the meeting spirits to junior staff. Only with such various means can everyone establish safety consciousness in his mind.

2.3.5 Enhance Project Management and Appraisal Strength of Construction Project

Construction safe production dynamic management aims at guaranteeing that construction enterprises can conduct construction activities, safe production conditions meet the requirement of Construction Department. Administrative organizations of construction safety supervision should be in line with the implementation guideline proposed by Construction Department in the matter of carrying out safety quality standardization. When working out annual safe production plan, regulations should be made to the standard of construction enterprise production, corresponding liability statement of safe production should be signed. While supervising construction enterprise in the matter of drawing up safe production plan, efforts should be made to specify safe production subitems, qualified and good sub-project targets. Upon the commencement of the contracted project, the target drawn by construction enterprise engineering should be well understood. During the construction, project is subject to patrolled inspection. Further carry out sub-projects of the subsections and safe production conditions, realize integration of plan, implementation and result.

In order to ensure realization of safe production goal of the construction, administrative organizations of construction safety supervision should be set up. Certain measure should be taken to examine and appraise related personnel in enterprise departments and project department in line with the post responsibility system of the enterprise. Only in this way will related personnel fulfil their responsibilities in an effective way. Basic work should be well done, and hidden trouble at construction site should be discovered timely for rectifying and improving. Shortcomings concerning safety in daily work should be consciously completed.

2.4 Conclusion

In a word, it takes a long period of time to explore before carrying out safe production dynamic management against enterprises and establishing characteristic safe production permanent mechanism. Only thorough constant innovation and perfection for safe production dynamic management against enterprises will safe production conditions at construction site be suitable for human being when working. Provided that our safety supervision advances with the times in pursuit of safe development on the principle of people-oriented, a fresh new appearance will take on in safety supervision work.

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