

Safety Management and Control System for Power Generation Companies



SUMMARY

The safety production of power generation enterprises is of great significance, which is related to the development of national economy and social harmony and stability. In order to implement the policy of safety first, prevention first and comprehensive management, the system aims at ensuring the safety of operation personnel, equipment and operation process according to the requirements of power plant safety production business to form a full staff, whole process and all-round safety production operation management system, so as to promote the intelligent and cost-effective operation of power generation enterprises quality and safety enterprise construction.

ADVANTAGE



Accurate

Based on the closed-loop control idea of data-driven and business driven (PDCA), the system engineering method is applied to ensure the accuracy and completeness of safety measures in the operation process.



Safe

Intelligent locking, condition monitoring, Internet of things and other technical means are applied to realize the interconnection of people, equipment and operation tasks, so as to ensure that the safety measures of operation tasks are enforced accurately on the operation site.



Intelligent

By means of video intelligent analysis, wireless positioning, three-dimensional model and process monitoring technology, according to the operation task information, intelligent identification of personnel, location, time information and violation behavior can be realized, so as to realize on-site personnel safety risk intelligent early warning and system panoramic display.



Efficient

By using intelligent monitoring and identification technology, combined with operation task and safety risk management and control model, the intelligent identification of human behavior and operation safety risk, as well as automatic association and intelligent early warning with operation task, equipment status and operation environment are realized.