

We will spare no effort to support key areas in the production of medical consumables and raw materials, Shanghai Chemical Industry Park will spare no effort to increase production of raw materials for epidemic prevention, and some digital chemical plants will successfully return to work.

From February 10, some enterprises in Shanghai returned to work one after another. Surging journalists learned from the Shanghai Economic and Information Technology Commission that according to the decision-making and deployment of the municipal Party committee and the municipal government on epidemic prevention and control, industrial enterprises in this city are focusing on epidemic prevention and control and orderly resumption of production.

In some digital chemical plants, the epidemic prevention was successfully resumed. As one of the largest thermal power equipment manufacturers in the world, Shanghai power plant (Shangfa) is one of them.

The so-called digital factory (DF) refers to a comprehensive network composed of digital models, methods and tools, including simulation and 3D / virtual reality visualization, which is integrated by uninterrupted data management.

This epidemic situation makes the advantages of digital chemical plants appear. Take the first day of returning to work on February 10, for example, the actual number of 260 employees in the Technology Department of Shanghai development plant is less than 30%. Because most of the technical department of the plant are young employees from other places, restricted by isolation observation and other factors, many of them can't work for a while; even if they work, the offices of 40-50 people are prone to cross infection.

For this reason, the person in charge of the technical department has formulated the plan for returning to work: let the employees who work at home complete the work of data query, 3D design, 2D drawing, document new compilation, design change, etc. without leaving home with the help of digital technology platforms such as collaborative design platform (TC), SAP PLM system, archive system, etc., and work together with colleagues in or out of the factory. In this way, there are fewer office workers in the factory, but the progress of technical work is not affected.