

Deyuan Pingdingshan branch introduction

Pingdingshan Deyuan Fine Chemicals Co., Ltd. has an annual output of 7000 tons of metal extractants project, with a total investment of 180 million Chinese yuan and 4 hectares area. It is designed according to the petrochemical standards of chemical industry. The production uses advanced DCS integrated automatic control system, supporting GDS, SIS system, Gulf technology fire protection system and 360-degree monitoring system. The entire production system has achieved more than 95% automation and digitalization, In accordance with the safety and environmental protection standards of the chemical industry, complete sewage treatment system and tail gas treatment system have been equipped.

There are two DY272 production lines: a 5000L 316L stainless steel kettle production line and a 10000L enamel reactor production line, the annual output will be 1800 tons.

DY272 realizes automatic production through DCS system control, the required material for production is fed from the storage tank by pump automatically and measured automatically, can reduce the worker's operation, not only improves the work efficiency, but also greatly improves the safety of equipment and accuracy of materials. During the production reaction process, the temperature, pressure and reaction time are controlled automatically through logic chain operation, and the digital accuracy of reaction control is achieved, Thus, the quality of material chemical reaction is improved.

During the material washing process, the conductivity and PH value of the material are monitored in real time through online chain monitoring to ensure that each step of operation reaches the production material qualification and impurities are removed.

Automatic three-stage vacuum system is adopted for distillation operation to ensure that each batch of distillation process parameters are within the specified range.

The whole production process is inspected by advanced instruments such as gas chromatograph, liquid chromatograph and atomic absorption spectrophotometer to ensure that the intermediate and final products of each step meet the qualification requirements.



















