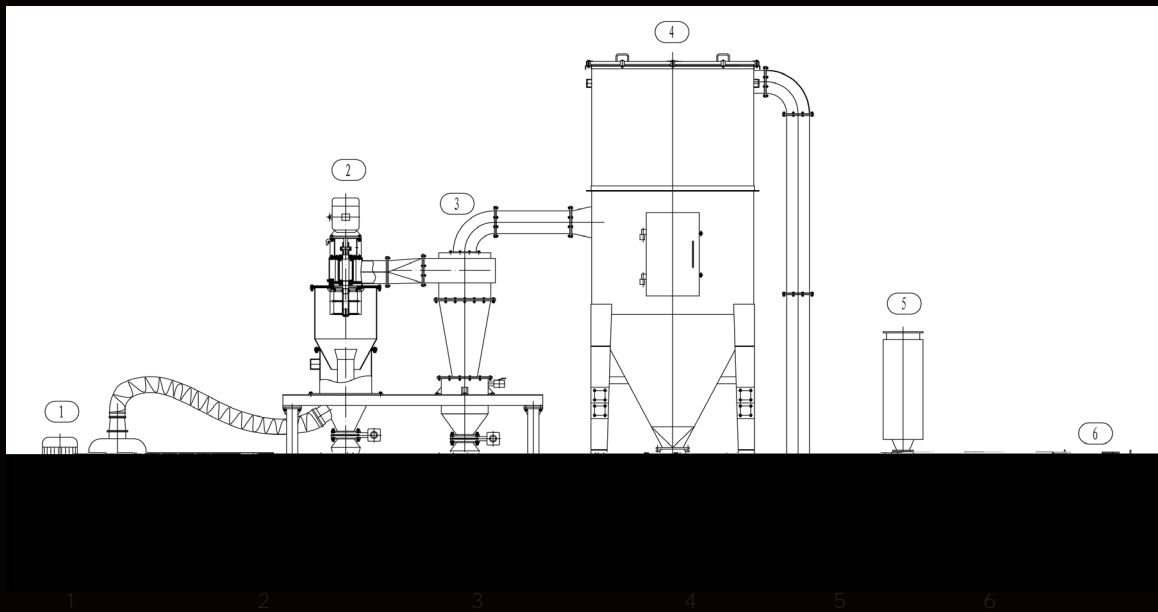


## Processing Line for Battery Material



### (Work Principle):

This line is composed of depolymerizer, classifier, cyclone collector, pulse dust collector, induced draft fan, control cabinet and so on. Firstly, the raw materials are fed into the depolymerizer to grind and then are brought to the classifier by the effect of draft fan. The products that meet the granularity requirement would be collected by cyclone collector and coarse material comes out from classifier mouth, super-fine material can be collected by pulse dust collector and clean air is vented out through draft fan.

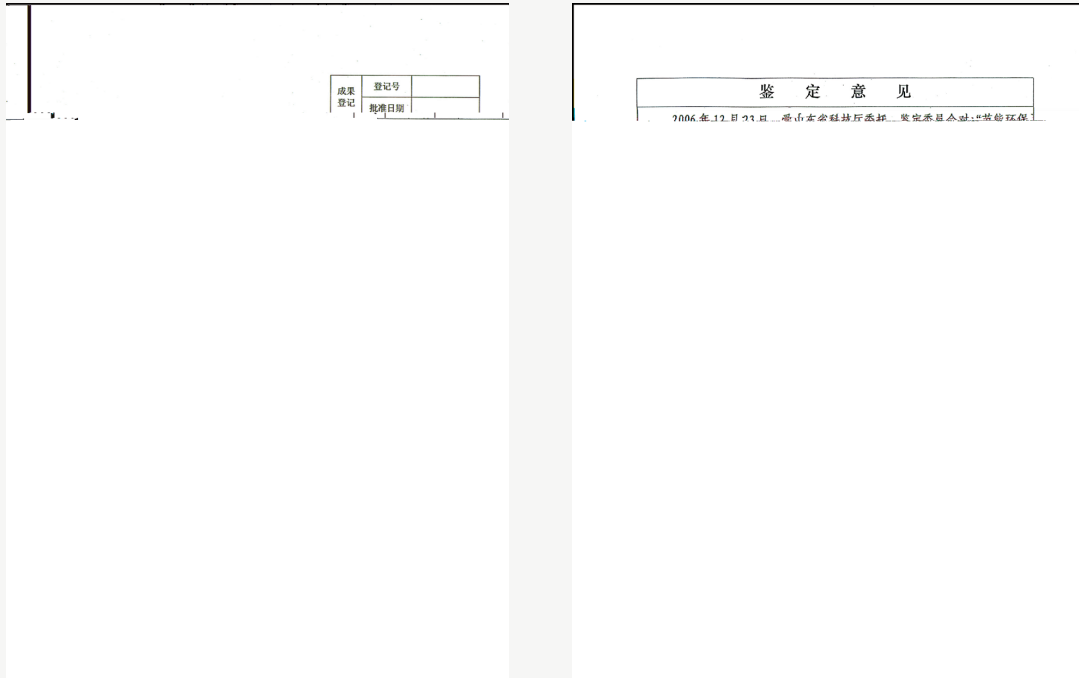
### (Characteristics)

#### PLC

Get the depolymerizer and pneumatic classifier in series to produce positive electrode and negative electrode material, reduce product energy-consumption greatly and improve the product output. It solves the difficulty of positive and negative electrode easy smash and low rate of finished product produced by airflow pulverizer. The equipment has the safe, reliable and stable characteristics.

The whole product line is running under the negative pressure, no dust overflow and working circumstance becomes cleaner. The chroma of powder meets the requirement of circumstance protection.

The product line is controlled automatically in the PLC way, which decreases the working intense greatly and wrong operation manually. It makes the product quality become more stable.



(Certification)



(Operation of the equipment at site)

### (Application):

The processing line is mainly used in the crushing classification of battery positive and negative electrode material. It can also be applied in Mohs' s hardness below 4 material of the chemical, foodstuff, non- mineral industry and so on.