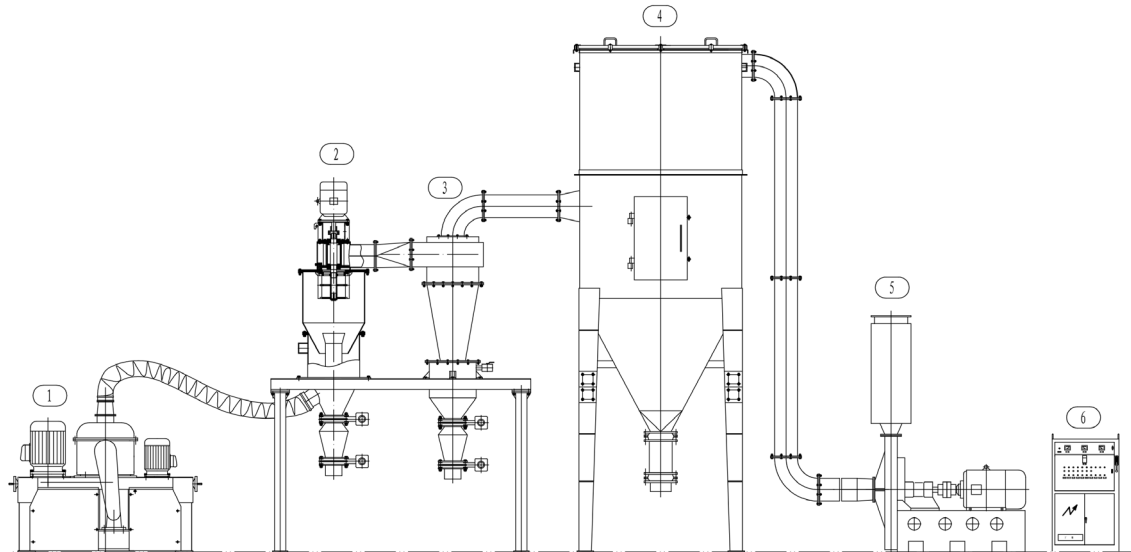


## 电池材料生产线

### Processing Line for Battery Material



1、高纯粉碎分级机 2、高纯防污染分级机 3、防污染旋风收集器 4、脉冲除尘器 5、系统引风机 6、电控系统

### 工作原理 (Work Principle):

该生产线由解聚机、分级机、旋风收集器、脉冲除尘器、引风机、电控柜等组成，物料由原料仓进入解聚机进行粉碎，粉碎后的物料在引风机引力的作用下经输料管进入分级机分级，符合粒度要求的产品进入旋风收集器收集，粗料从分级机下口排出，过细的粉料在脉冲除尘器收集，洁净的气体由引风机排出。

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.

### 主要特点 (Characteristics):

◆ 将解聚机与气流分级机串联生产电池正、负极材料，产品能耗大大降低，产品产量提高，有效解决了用气流粉碎机生产电池正、负材料产品易过粉碎，成品率低的难题，整个系统运行安全、可靠、平稳。

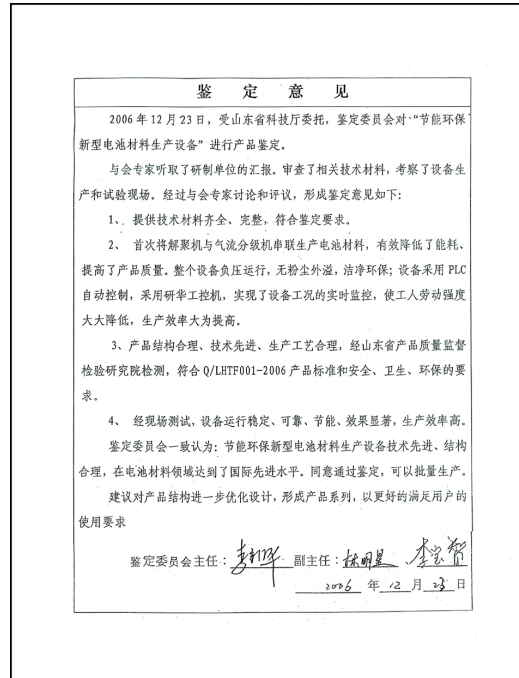
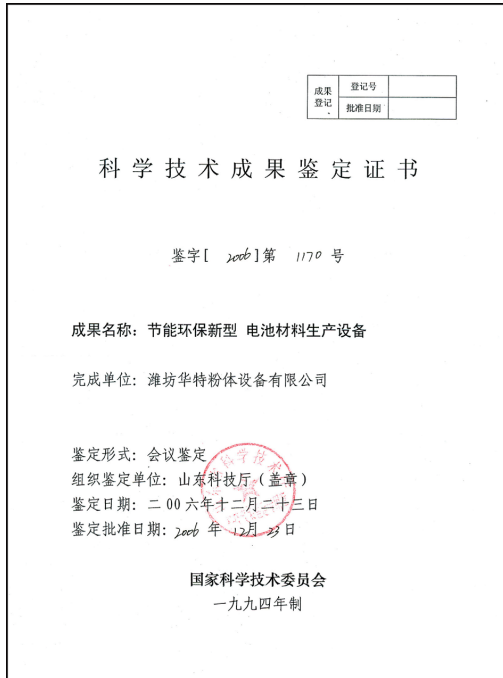
◆ 整个生产线负压运行，生产过程中无粉尘外溢，生产环境更加洁净环保，粉尘排放浓度达到环保要求。

◆ 生产线采用 PLC 自动控制，大大降低工人劳动强度，减少了人为误操作，产品质量更加稳定。

◆ 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.



鉴定成果 (Certification)



设备使用现场 (Operation of the equipment at site)

## 应用范围 (Application):

该生产线主要用于电池正、负极材料的粉碎分级，也可用于化工行业、食品行业、非矿行业等莫氏硬度小于4的物料的粉碎分级。

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