

P
ART 1

Classic Case

1



Bisha项目

Bisha project



Project Name:

Bisha project

Project designer :

Instant Engineering

Supply products :

- ✓ 2 sets of 120 square lime silos ;
- ✓ Pneumatic conveying feeding system ;
- ✓ Dissolving and dosing system .

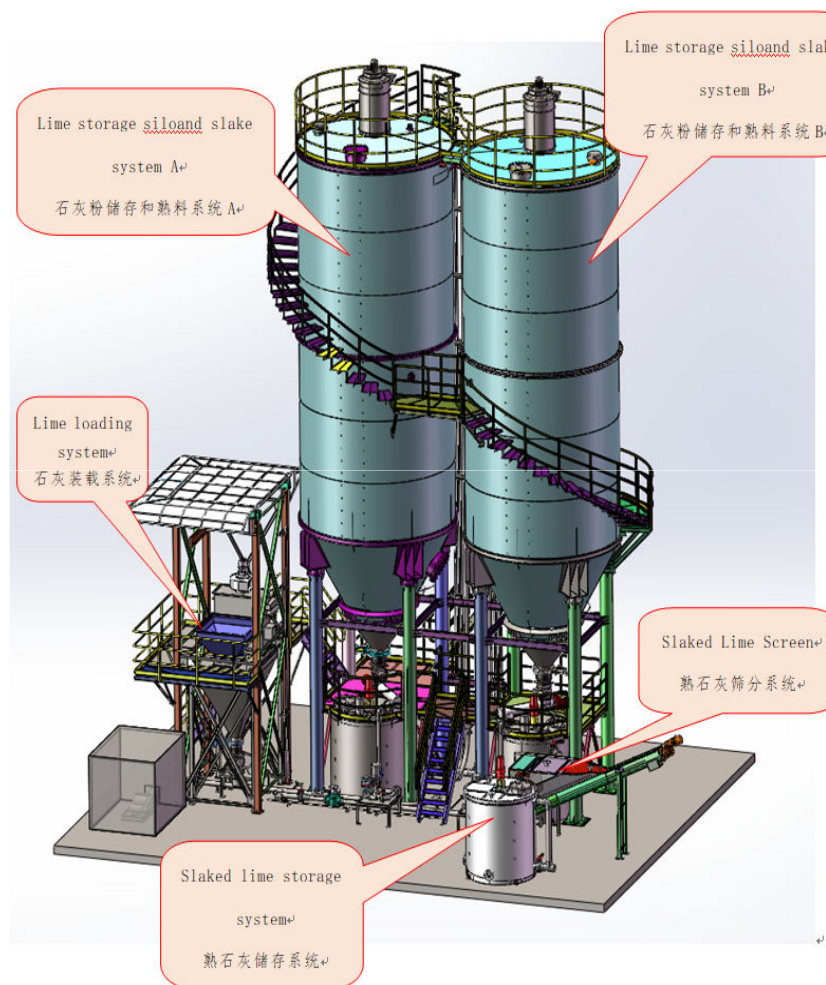
Project characteristics :

- ◆ 300+ pieces of loose items ;
- ◆ The workload of pre assembly in the workshop is enormous .



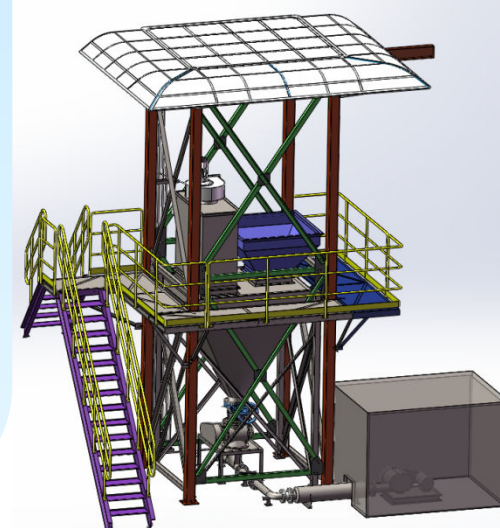
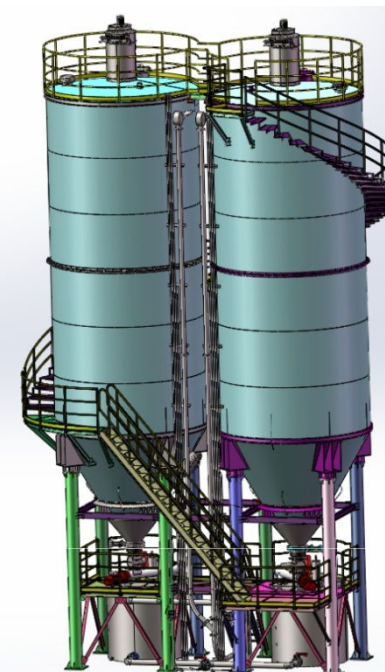
Bisha项目

Bisha project



Main components of the system :

1. Positive pressure pneumatic conveying system ;
2. Ton bag unpacking system ;
3. Powder silo storage system ;
4. Powder metering feeding system ;
5. Dissolution, maturation, and storage system ;
6. Slurry screening system ;
7. Solution dosing system ;
8. Instrumentation and control systems, etc .



Examples of documents

Bisha project

Wuxi Hengke Environmental Protection Equipment Co.LTD		Production plan progress form 生产计划进度表																											
The project plan starts to the end time: 2022.6.1 - 2023.1.25		Device name: Lime silo system																											
NO.	Job content	Number of days	Sep 1st	Sep 5th	Sep 10th	Sep 15th	Sep 20th	Sep 25th	Sep 30th	Oct 5th	Oct 10th	Oct 15th	Oct 20th	Oct 25th	Oct 30th	Nov 5th	Nov 10th	Nov 15th	Nov 20th	Nov 25th	Nov 30th	Dec 5th	Dec 10th	Dec 15th	Dec 20th	Dec 25th	Dec 30th	Jan 5th	Jan 11
1	Design data and drawings sent to customers 提供客户设计所需数据	75																											
2	Design data and drawings for product manufacturing implementation 产品制造数据及实施数据提供	80																											
3	Experimental test of lime loading system 石灰装车系统试验测试	55																											
4	Purchase of purchased parts 外购件采购	95																											
4.1	Electrical equipment procurement 电气设备安装	90																											
4.2	Instrument procurement 仪器仪表	95																											
4.3	Accessories procurement 附件采购	55																											
5	Equipment manufacturing 设备制造	95																											
5.1	Site manufacturing 现场制造	45																											
5.2	Tank manufacturing 罐体制造	40																											
5.3	Lime screen manufacturing 石灰筛制造	50																											
5.4	Piping system manufacturing 管道系统制造	10																											

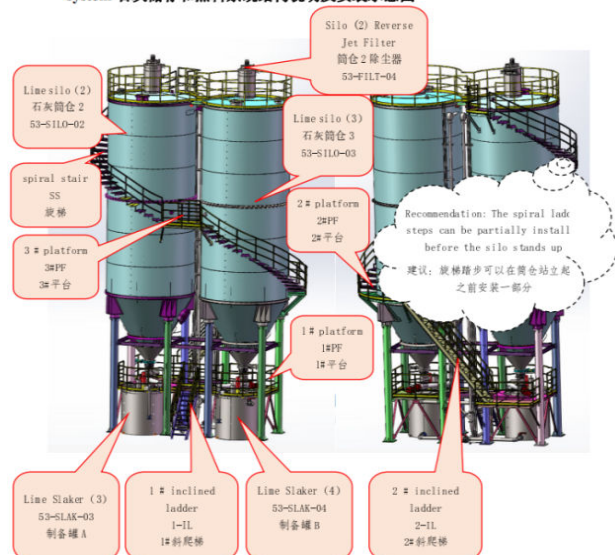
无锡恒科环保设备有限公司

Wuxi Hengke Environmental Protection Equipment Co.LTD



4 Structure description and installation diagram of lime storage and slake

system 石灰储存和熟料系统结构说明及安装示意图



无锡恒科环保设备有限公司

Wuxi Hengke Environmental Protection Equipment Co.LTD



4 Technical Parameters Table 技术参数表

4.1 Equipment Data Sheet 设备数据表

TAG NO. 位号	EQUIPMENT NAME 设备名称	SPECIFICATIONS 规格参数	MATERIAL 材质	QTY. 数量	MANUFACTURER 品牌或制造商	REMARKS 备注
53-HYST-02	Lime Bulk Bag Loading Hopper 起料机	690V/50Hz, 3+0.4kW, 提升高度 7m.	finished product 成品	1	DONGTE 东特重工	
53-FILT-03	Lime Loading Hopper Filter Unit. 投料仓除尘器	1. Motor: 690V/50Hz, 2.2kW, IP55/F; 2. Cylinder material SS304; 筒体材质 SS304;	stainless steel 不锈钢	1	Wuxi Hengke	
53-VIBR-02	Lime Loading Hopper Vibrator. 投料仓振动器	1. Vibration motor: 690V/50Hz, 0.25kW, IP55/F;	finished product 成品	1	Decheng 德诚机电	
53-FEDR-04	Lime Loading Hopper Rotary Feeder. 投料仓星型卸料器	1. Main motor : 690V/50Hz, 1.1W, IP55/F; 2. Carbon steel material of equipment body 设备主体碳钢材质; 3. Model HDARV120, diameter DN250; 型号 HDARV120, 口径 DN250;	carbon steel 碳钢	1	Wuxi Hengke	
53-HOPR-02	Loading hopper 投料仓	2m³, 2000*1600*2000mm. Conical hopper	carbon steel 碳钢	1	Wuxi Hengke	
53-AIBL-02	Lime Transfer Blower 罗茨风机	1. Motor: 690V/50Hz, 18.5kW, IP55/F; 2. Fan air volume 11.61m³/min, air pressure 53.9kPa 风机风量 11.61m³/min, 风压 53.9kPa; 3. Air outlet pipe diameter DN100 出风口管径 DN100;	finished product 成品	1	Wuxi Hengke	



Workshop assembly and delivery

Bisha project





蒙苏项目

■ Mengsu project



Project Name :

Mengsu Zero Emission Project

Supply products :

- ✓4 sets of 150 square silos ;
- ✓9 sets of online weighing systems .

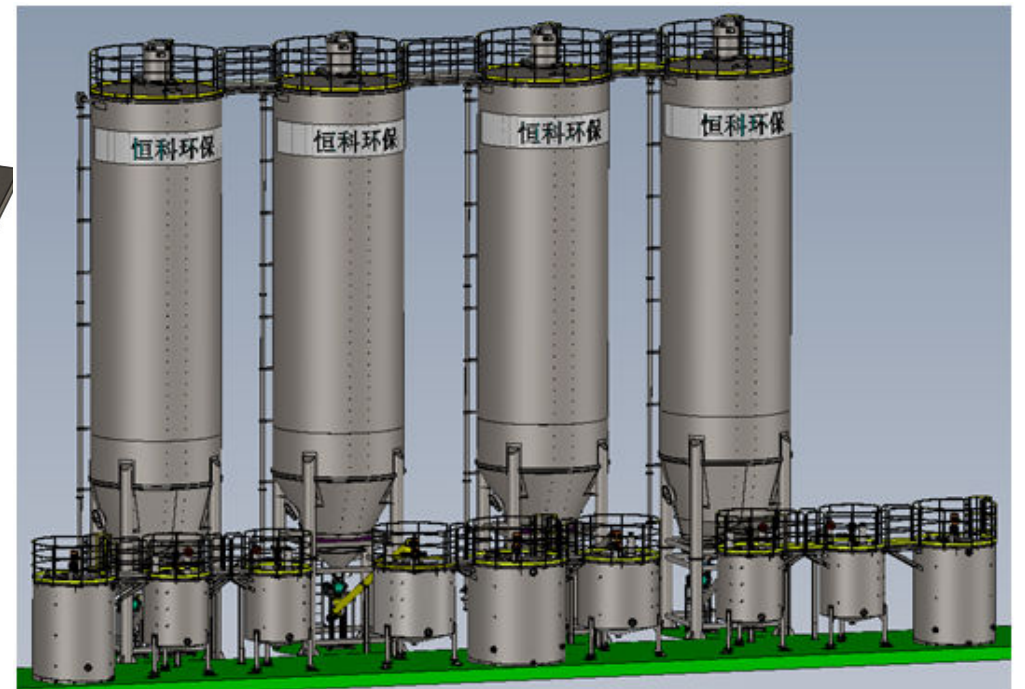
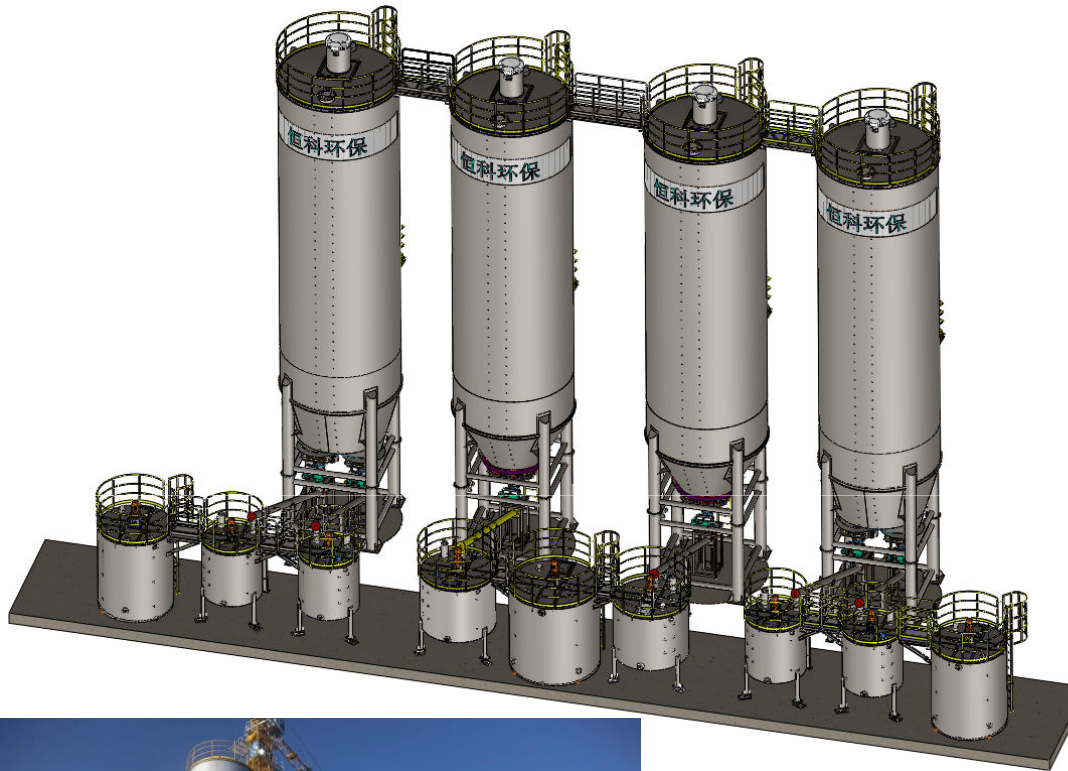
Processing pharmaceuticals :

- ◆Lime powder ;
- ◆Magnesium agent ;
- ◆sodium carbonate .

Design effect and on-site presentation

HK 恒科环保
Hengke
Environmental Protection

Mengsu project



Production, delivery and installation

Mengsu project



海口项目

Haikou Project

Project Name :

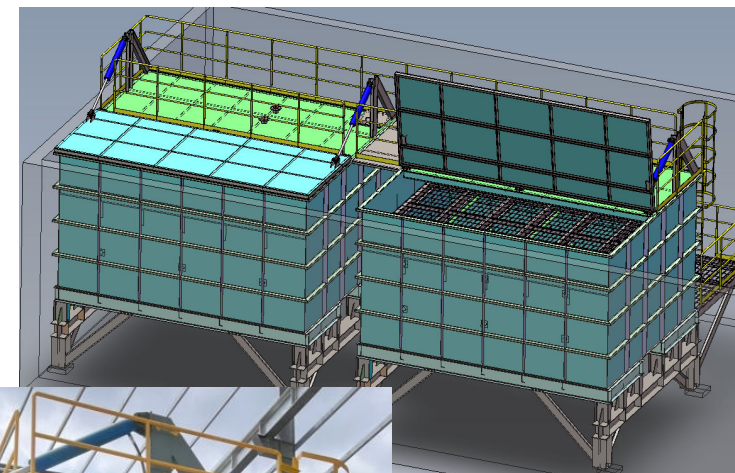
**Haikou project
(environmentally friendly
recycled bricks)**

Supply products :

- ✓ 4 sets of 70 m³ , 1 set of 50 m³
and 2 sets of 10 m³ mud slide
material silos;
- ✓ Dozens of shaftless screw
conveyors.

Processing materials :

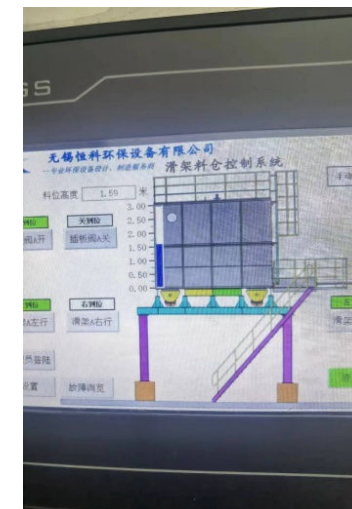
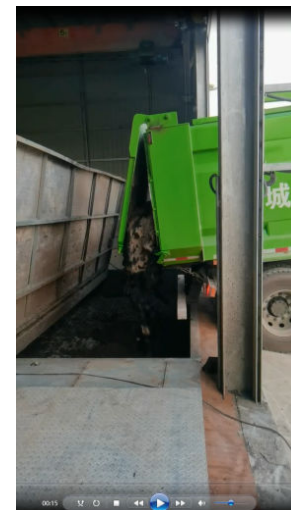
- ◆ 80% and 60% sludge .





On site production and debugging

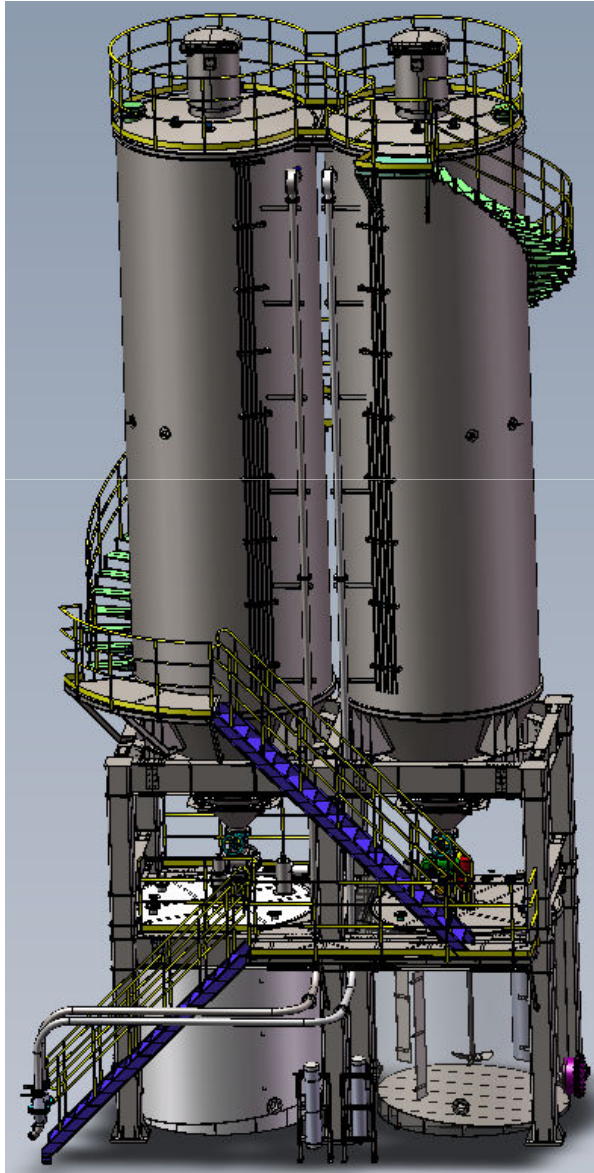
Haikou Project





Intel 项目

Intel Project



Project Name :

Dalian Intel Blue Sea F25A IWS Project

Supply products :

- 2 sets of complete lime silo systems ;

Project characteristics :

- ◆ 300+ pieces of loose items ;
- ◆ High requirements for pre assembly in the workshop ;
- ◆ Large on-site installation workload.

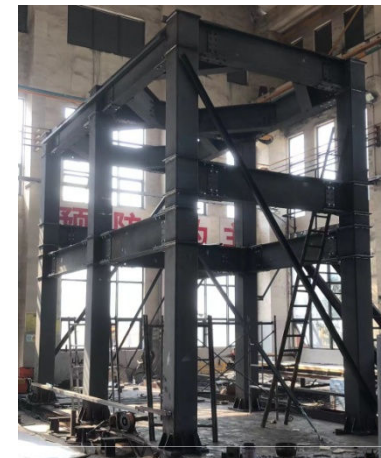
Project results :

- ✓ The customer completes the installation and debugging on their own ;
- ✓ No technical guidance required.

Intel 项目

Intel Project

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Hengke
Environmental Protection





蓝藻项目

Wuxi Blue Algae Mud Treatment Project



Project Name :

Wuxi Blue Algae Mud Treatment Project

Supply products :

◆ 2 sets of complete lime silo systems .

Project characteristics :

◆ The total treatment capacity is large, 1800t/d ;

◆ Dosing to 7 sets of conditioning tanks ;

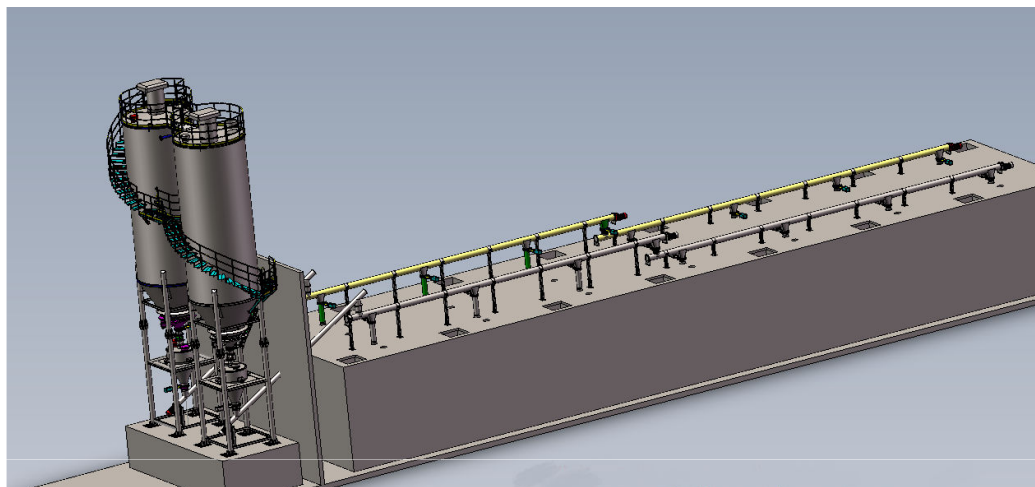
◆ Lime powder used is very large, reaching 150t/d ;

◆ Long continuous operation time, working for nearly 24 hours .



蓝藻项目

Wuxi Blue Algae Mud Treatment Project





东明项目

■ Dongming Project



Project Name :

Dongming Project

Supply products :

- 2 sets of 300 m³ lime silo system ;
- 1 set of 80 m³ activated carbon silo system .

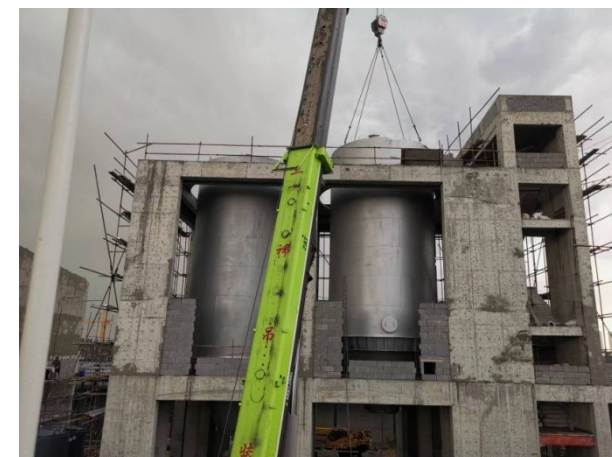
Project characteristics :

- ◆ Lime silo diameter 6m, straight section height 10.5m ;
- ◆ On site processing and production .

东明项目

Dongming Project

HK 恒科环保
Hengke
Environmental Protection





华士项目

Huashi project



Project Name :

**Jiangyin Huashi
Project**

Supply products :

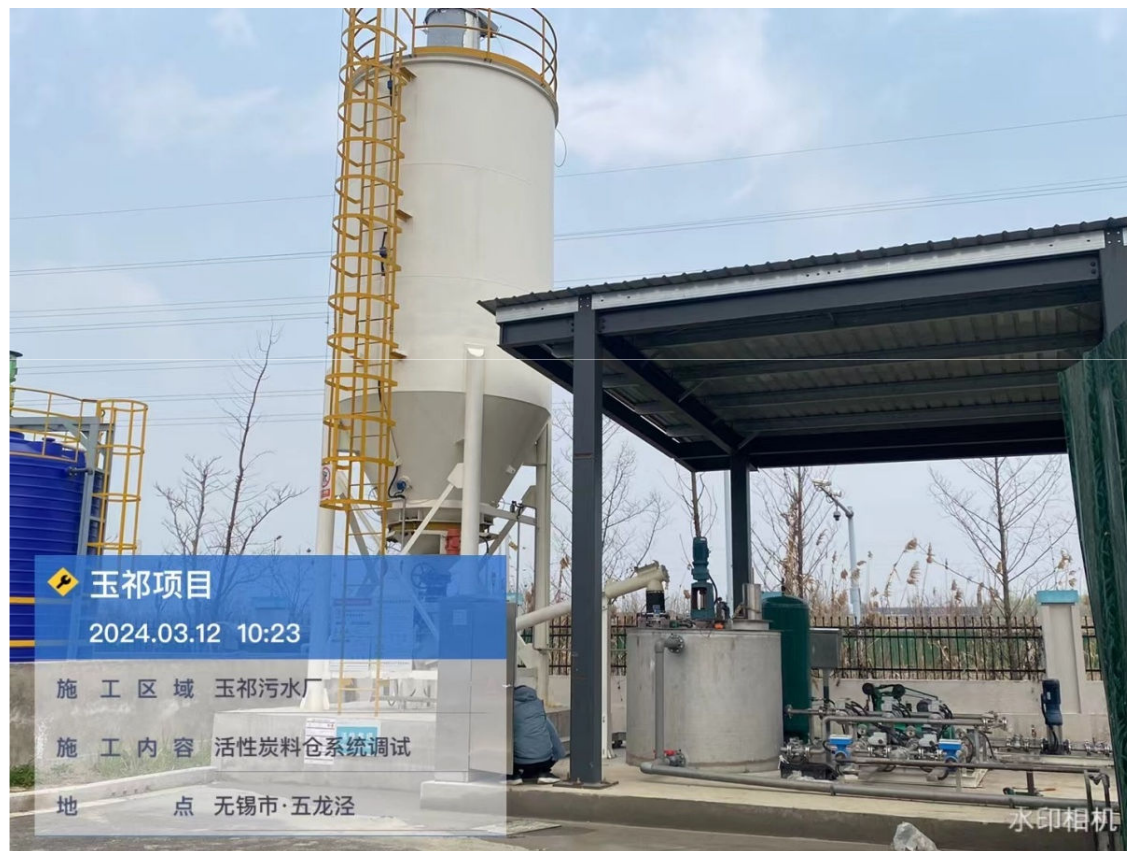
- ✓ Activated carbon silo system ;
- ✓ Reduced weight system ;
- ✓ Precision dosing system.





玉祁项目

Yuqi project



Project Name :

Yuqi project

Supply products :

- ✓ Activated carbon silo system;
- ✓ Precision dosing system.

