



恒鑫欢迎您  
Welcome to Henxin



Shandong Hengxin Biotech Co.,Ltd  
山东恒鑫生物科技有限公司

**Focus On Quality**  
心恒创品质  
**Dedicate To Development**  
恒心求发展



**公司概况**  
**Hengxin at a Glance**

公司全名 Company Name	山东恒鑫生物科技有限公司 Shandong Hengxin Biotech Co.,Ltd.
成立时间Established	Year 2005
位置Location	Zhanhua Town, Binzhou city, Shandong
厂区面积Land Area	13万 m <sup>2</sup> (196 亩)
产品Products	Food & Pharmaceutical Gelatine, Bovine/Fish Collagen
年产能Annual Capacity	26,000mt Gelatin/6,000mt Collagen
产值Turnover(2021)	RMB 5.2亿
资质Certificates	ISO9001:2008,FSSC22000, BRC,GMP,HALAL, KOSHER
员工人数Employees:	200人
销售代表处 Sales Offices	上海&山东&广州&浙江 Shanghai & Shandong & Guangzhou & zhejiang



## 明胶 Gelatin

明胶 Beef Gelatin	产能 Capacity
食品级明胶 Food Grade	16000 吨/mt
药用级明胶 Pharma Grade	10000吨/mt



## Edible Applications 食用明胶应用方案

- **Food 食品**
  - **Confectionery 糖果**
  - **Dairy 乳品**
  - **Beverages 饮料**
  - **Meat 肉类**
  - **Bakery 烘焙食品**
  - **Desserts 甜品**
  - **Delicatessen 熟食**





## Pharmaceutical Applications 药用明胶应用方案

- **Pharmaceutical 药用**
  - **Hard Gelatine Capsules 明胶硬胶囊**
  - **Soft Gelatine Capsules 明胶软胶囊**
  - **Vitamin Coating 维生素包衣**
  - **Blood-Plasma-Expander 止血剂**



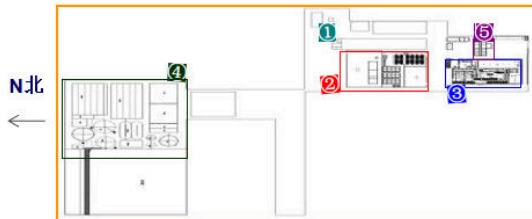
## 胶原蛋白 Collagen

胶原蛋白肽 Collagen	Capacity
牛胶原蛋白肽 Beef Collagen Peptide	4000tons
鱼胶原蛋白肽 Fish Collagen Peptide	2000tons





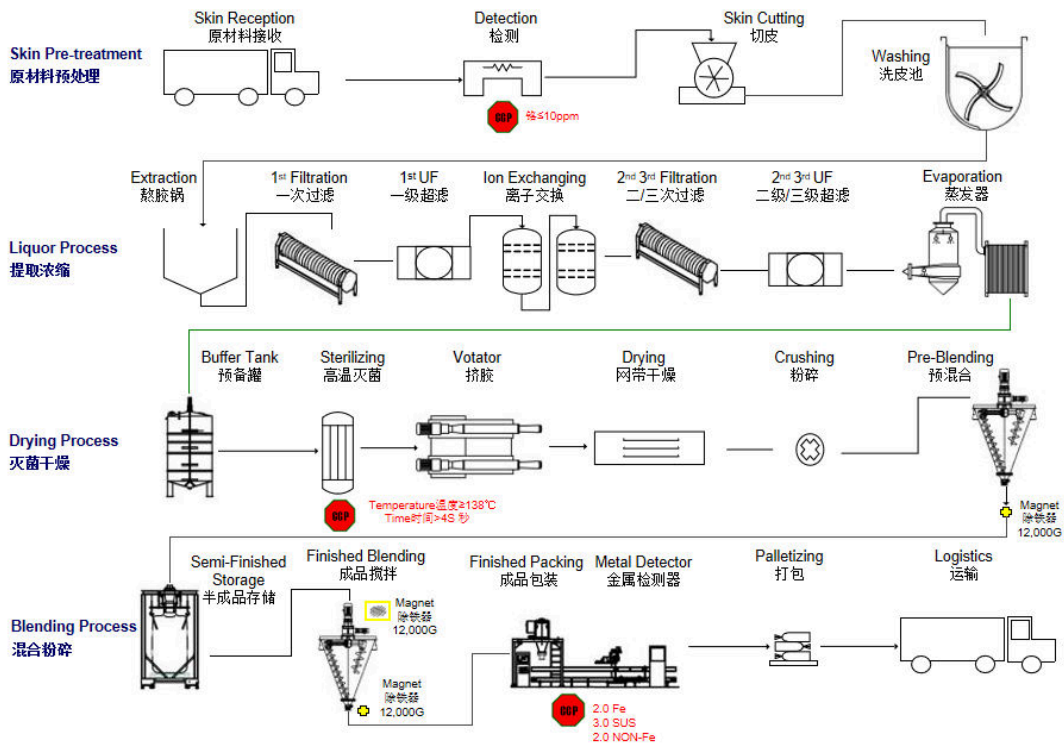
总平面布置图  
Plant Layout



- ① WTP Area 净水处理区域
- ② Skin Pre-treatment 原材料预处理区
- ③ Liquor & Drying & Blending & Storage 提取浓缩&灭菌干燥&混合粉碎&仓储
- ④ WWTP 废水处理站
- ⑤ Office Building & LAB 办公楼&实验室



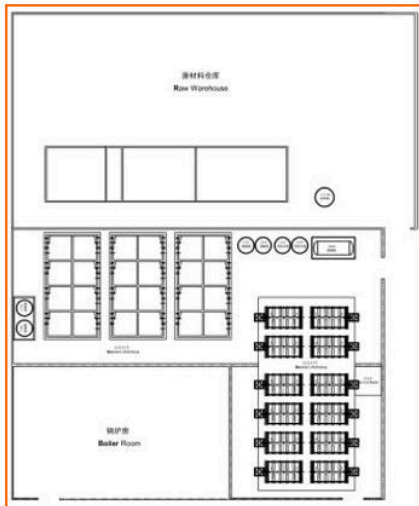
山东恒鑫生物科技有限公司-工艺流程图  
Shandong Hengxin Biotech Co.,LTD.-Process Flow Chart



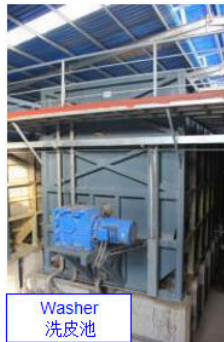


## Skin Pre-treatment 前处理车间

Raw warehouse 原材料冷库  
Washer workshop 洗皮车间  
Recycle water tank Area 前处理回收水区



Washer workshop  
前处理车间



Washer  
洗皮池

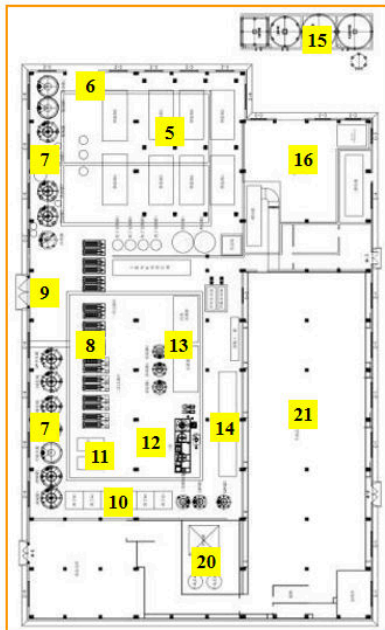


Washer PID control system  
前处理自动控制系统



## Liqor Process - Extraction 综合生产车间 - 提取

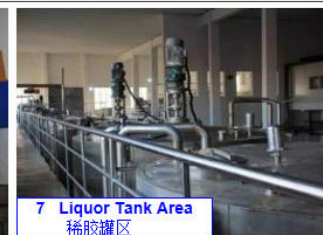
Comprehensive Workshop-First Floor  
综合车间1楼



5. Extraction  
熬胶锅



6. Decanter  
离心机

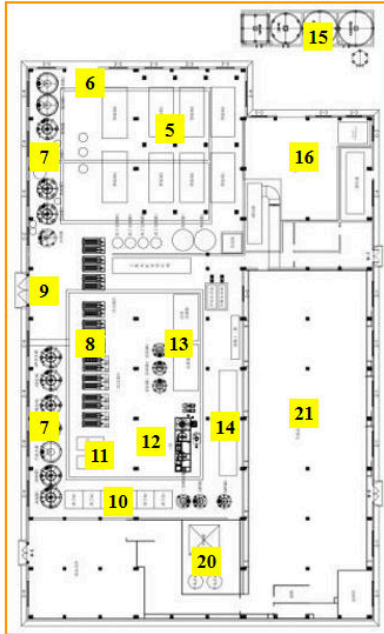


7. Liquor Tank Area  
稀胶罐区



## Liqor Process - Filtration&Ion exchangers 综合生产车间 - 过滤&离子交换

Comprehensive Workshop-First Floor  
综合车间1楼



10. IE Exchange  
离子交换



8. Filtration  
棉饼过滤工序

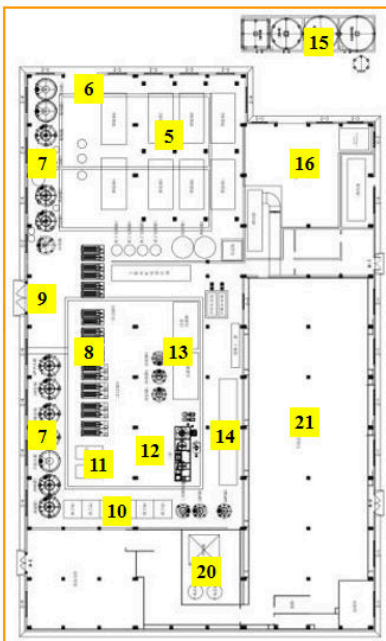


9. Cake Preparation  
压棉饼工序



## Liqor Process - UF&Evaporation&sterilizing 综合生产车间 - 闪蒸&高温灭菌&超滤

Comprehensive Workshop-First Floor  
综合车间1楼



12&13. Evaporation & Sterilizing  
蒸发器 & 高温灭菌



11. UF  
超滤



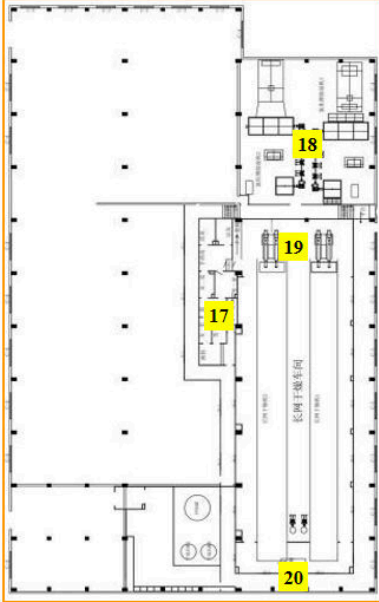
14. Pure water  
纯化水制备





**Drying Process - Votator**  
干燥车间 - 挤胶机&网带干燥

**Comprehensive Workshop-Second Floor**  
综合车间2楼



19. Votator  
挤胶机



18. Dehumidifier  
除湿

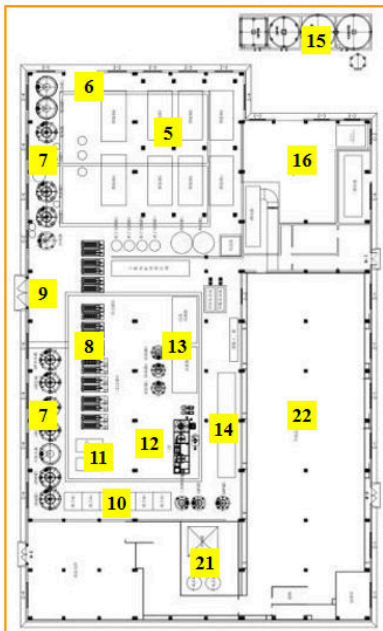


17. GMP Entrance  
GMP入口



**Blending Process - Semi-finished & Finished**  
包装车间 - 半成品&成品包装

**Comprehensive Workshop-First Floor**  
综合车间1楼



21. Semi-Finished Blending & Finished Packing  
半成品储存&成品自动包装



Semi-Finished Blending  
半成品存储

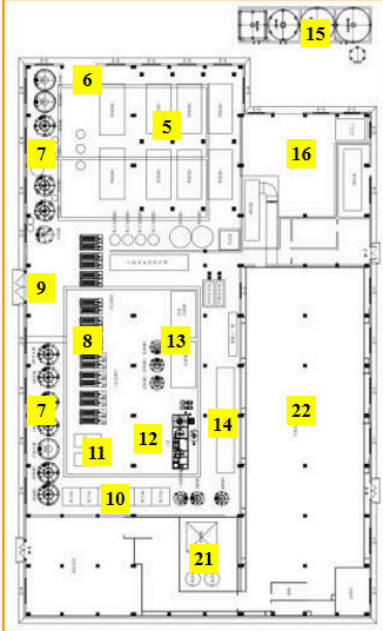


Finished Packing  
成品包装



# Warehouse 仓库

## Comprehensive Workshop-First Floor 综合车间1楼



22 . Semi-Finished & Finished warehouse  
半成品储存&成品仓库



# Laboratory 质检中心

## Laboratory 检测中心



Heavy Metal Test  
重金属检测



Physical and Chemical Properties Test  
理化性质检测



Microbiology Test  
微生物检测

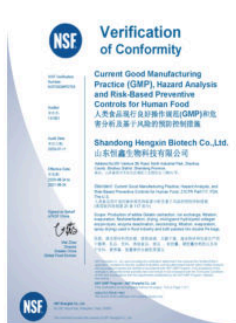




# Certificates 证书



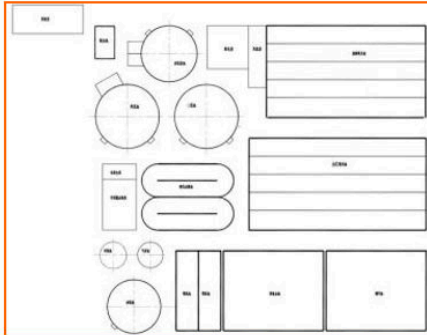
# Certificates 证书





## Waste Water Treatment Plant 污水处理站

12000T/D WWTP Layout  
12000吨/天污水处理站布置图



- ▶ Capacity 处理能力: 17000 T 吨/D天
- ▶ Land area 占地面积: 37810 m<sup>2</sup>
- ▶ Treatment process 处理工艺: DAF + Anaerobic Hydrolysis Acidification + A/O+ Biological Contact Oxidation+ subsequent sedimentation +activated carbon adsorption  
气浮+水解酸化+A/O+接触氧化+混凝沉淀+活性炭吸附
- ▶ Standard 执行标准: < DB37/675-2007 > COD<40mg/L NH<sub>3</sub><2mg/L

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## GMP & Safety Rules for Visitors 访客须知

- ✓ Please, your views are important for us. Let us know your opinion and suggestions for improvement.
- ✓ All visitors shall entry the plant with a white coat and hair net
- ✓ All jewelry must be removed, i.e.: watches, rings, earrings etc.
- ✓ Please wash your hands thoroughly after entering the processing area (a host will indicate locations).
- ✓ At the entry point you will find sanitizer.
- ✓ It is not allowed the entrance with photo camera and electronic equipments (mobile phone, palm-tops etc.) in the production area.
- ✓ Candies or chewing gums are not allowed in the plant.
- ✓ **Don't run** - a gelatine plant can be slippery.
- ✓ In case of **emergency**, please exit through the closest door or follow your host's instructions.

- ✓ 您的看法对我们非常重要。请告诉我们您的观点和建议，使我们能不断提高。
- ✓ 每位访客进入厂区需着白色工作服，戴头罩。
- ✓ 请摘除佩戴的所有饰物，诸如手表，戒指，耳环等。
- ✓ 进入生产区域后请彻底清洗您的双手（陪同人员会指明清洁设备的位置）
- ✓ 在入口处有消毒杀菌剂供使用。
- ✓ 请勿在厂区内吃糖或嚼口香糖。
- ✓ 请勿在厂区内奔跑以免滑倒。
- ✓ 如遇紧急情况，请从最近的出口离开，或遵循接待人员的指示。



**Hengxin Biological Biotech**  
山东恒鑫生物科技



**Welcome to Hengxin**  
**How can we help?**

**Thank you for your Attention!**

**谢谢!**

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