

Location



**We are located in,
Yiyuan County
,Shandong Province.
Which between
Beijing and
Shanghai.
It is about 600km
from beijing ,and
900km from Shanghai**



Production



- **Reyoung has involved in 8 categories, the main for penicillin anti-infective and cephalosporin anti-infective, Cardio cerebral vascular ,Antipyretic and Analgesic etc.**
- **We have more than 340 specification of pharmaceutical products including tablets, capsules, granules, small volume injection, powder for injection, lyophilized powder for injection, suppository, API.**

Brief introduction



Two subsidiaries company
Reyoung Pharmaceutical (shanghai)
Reyoung Pharmaceutical Co.,Ltd.

First manufacturer of powder for injection in Shandong province

Postdoctoral programme
ERP system

ISO9001, ISO14001, OHS18001
authentication enterprise



Four R&D CENTERS



20 workshops (including Reyoung Pharmaceutical (shanghai) Co.,Ltd.)

“瑞阳” is famous trademark of China

Covers an area of 560,000 square meters and with asset of USD 750 millions. More than 4200 staffs, 76% of them are professional & technical personnels

According to annual income of the National statistics annals in 2013, Reyoung Pharmaceutical Co., Ltd. has entered the ranks of top 20 strong among more than 4000 pharmaceutical companies.

R & D CENTER

- ❑ **HEADQUARTERS**
- ❑ **REYOUNG (SHANGHAI) R & D CO., LTD.**
- ❑ **R&D CENTER (JINAN)**
- ❑ **USA GEORGETOWN UNIVERSITY**



山大 - 瑞阳新药研究所

SDU-Reyoung Institute of Drug Research and Development

R&D CENTER (Jinan)



R&D CENTER (Jinan) is established by Shandong University and Reyoung Pharmaceutical Co., Ltd.; Including 21 workers, 17 workers of them hold a Master Degree, have a high science quality and professional quality.

R&D CENTER (Jinan) relies on innovative drugs research platform of Shandong University, takes advantages of its powerful resource, is committed to innovative drugs (Chemical medicine and Chinese traditional medicine) development and application, provides new drugs and development power for our company.



Georgetown University



Workshops

- **Bulk drug plant**
- **Penicillin plant**
- **Non-penicillin plant**
- **Cephalosporin plant**
- **Powder for injection plant**
- **Small volume injection plant**
- **Chinese traditional medicine plant**

PENICILLINS STERILE BULK DRUGS PLANT (103)



- ❑ **This plant was designed by pharmaceutical industry design according to requirements of GMP, area is 1300 square meter; including 43 workers;**
- ❑ **The manufacturing capability is 60 tons /year.**
- ❑ **Produce Benzylpenicillin sodium, Ampicillin, Amoxicillin, Amoxicillin Sodium, Cloxacillin Sodium, Oxacillin Sodium, Procaine Benzylpenicillin and so on.**



Crystallization Equipment (103)

CEPHALOSPORIN STERILE BULK DRUGS PLANT (105)



- This plant was designed according to requirements of GMP, area is 3600 square meter; including 127 workers;**
- The manufacturing capability is 900 tons /year.**
- Produce Ceftriaxone sodium , Cefotaxime sodium , Cefoperazone sodium, Cefepime and so on.**

Workshops

- **Bulk drug plant**
- **Penicillin plant**
- **Non-penicillin plant**
- **Cephalosporin plant**
- **Powder for injection plant**
- **Small volume injection plant**
- **Chinese traditional medicine**

PENICILLINS SOLID PREPARATION PLANT (313)

AND

PENICILLINS LYOPHILIZED POWDER FOR INJECTION PLANT (205)



- 313 plant was designed according to requirements of GMP, area is 1900 square meter, including 180 workers;**
- There are 2 production-lines in the plant.**
- The manufacturing capability is 500 million tablets, 5 billion capsules/year.**

- 205 plant was designed by pharmaceutical industry design institute of shandong province according to requirements of GMP, area is 3520 square meter, including 160 workers;**
- The manufacturing capability is 40 million vials/year.**

Workshops

- **Bulk drug plant**
- **Penicillin plant**
- **Non-penicillin plant**
- **Cephalosporin plant**
- **Powder for injection plant**
- **Small volume injection plant**
- **Chinese traditional medicine plant**

NON-PENICILLINS SOLID PREPARATION PLANT (312)

- This plant was designed by pharmaceutical industry design according to requirements of GMP, area is 3577 square meter, including 155 workers;**
- There are 2 production-lines in the plant.**
- The manufacturing capability is 1.8 billion tablets , 800 million hard capsules, 100 million bags of granules/year.**

NON-PENICILLINS LYOPHILIZED POWDER FOR INJECTION PLANT (203)



- This plant was designed according to requirements of GMP , area is 4000 square meter, including 220 workers.**
- There are 2 production-lines in the plant.**
- The manufacturing capability is 80 million vials/year.**

Workshops

- **Bulk drug plant**
- **Penicillin plant**
- **Non-penicillin plant**
- **Cephalosporin plant**
- **Powder for injection plant**
- **Small volume injection plant**
- **Chinese traditional medicine plant**

CEPHALOSPORIN POWDER FOR INJECTION PLANT (305)



- This plant was designed according to requirements of GMP , area is 4044 square meter, including 411 workers.**
- There are 2 production-lines in the plant.**
- The manufacturing capability is 400 million vials/year.**

Workshops

- **Bulk drug plant**
- **Penicillin plant**
- **Non-penicillin plant**
- **Cephalosporin plant**
- **Powder for injection plant**
- **Small volume injection plant**
- **Chinese traditional medicine plant**

POWDER FOR INJECTION PLANT (304)



- ❑ **This plant was designed according to requirements of GMP , area is 1300 square meter, including 112 workers.**
- ❑ **The manufacturing capability is 10 million vials/year.**

Workshops

- **Bulk drug plant**
- **Penicillin plant**
- **Non-penicillin plant**
- **Cephalosporin plant**
- **Powder for injection plant**
- **Small volume injection plant**
- **Chinese traditional medicine plant**

SMALL VOLUME INJECTION PLANT (321)



- This plant was designed according to requirements of GMP, area is 1728 square meter;**
- There are 2 production-lines in the plant.**
- Total investment is about USD 0.6 million;**
- It can produce 1 ml, 2 ml, 5 ml, 10 ml, 20ml ampoules; the manufacturing capability is around 200 million ampoules/year.**

The production method of Water for injection is multiple effect distillation. The reserve water for injection is circled over 70°C.



Encl: Photo for water system

Our below workshops also obtained the new GMP certificate end of the year 2013:

- PENICILLIN POWDER FOR INJECTION PLANT (301 AND 306)
- NON-PENICILLIN LYOPHILIZED POWDER FOR INJECTION PLANT (206)
- PENICILLIN LYOPHILIZED POWDER FOR INJECTION PLANT (204)

4. WAREHOUSE

The left picture is the integrated warehouse, which is 4 floors and the building area is around 25000 square meters; The right one is the finished product warehouse, which is 6 floors and the area is around 24000 square meters.



QC LAB- MICORBIAL LABORATORY

In 2011,we built the new microbial laboratory



■ Agilent1260 HPLC



Motto of Reyoung

**Produce High-quality Medicine For
All Humankind**



THANKS !