



強 淞 企 業 股 份 有 限 公 司
CSE. CHIANG SUNG ENTER CO., LTD.

Company Profile



CSE Before

Found in 1990 by Roger and the first 3 years mostly dealing the OEM service, such as:

- * USA – Black & Decker – power tools.
- * USA – INCACARE Medical Group – wheelchair accessories/ Parts and assembly.
- * UK- Springfast- Clips for kitchen sink parts
- * Germany – OTTO Group- Stainless Steel tank accessories for Pharm like Buyers pharm..
- * Others: Alu- Die Cast, CNC Machining parts and plastic parts, Tools, Molds business.

CSE- NOW



- * In 1993 start for sanitary Business from UK- Dairy Pipe Limited until now...

CSE Group has 3 production plants, 5 offices, includes – CSE Head office in Taiwan, CSE Thailand and CSE Xiaman of China. Offices are located in head office- Taiwan, Bangkok business office, Shanghai business office, Guangzhou office and Changchun office.



CSE Production and Sales

1. We devoted ourselves in research, production and sale of high purity stainless material 304 and 316L. The main products of the company for automatic and manual valves, fitting and tube products and so on. Its belong to the high purity fluid piping systems and critical components. The products are mainly used in bio-pharmaceutical and food process areas of pollution control height requirements or special requirements, using industry involving in semiconductors, optoelectronics, aerospace, biotechnology, pharmaceuticals, chemicals, food and beverage industries.

High purity materials industry in Taiwan is an emerging industry. This will become a wide range of application areas. And there is on any listed company in Taiwan are involved in this field, it has a large business to grow.

2. Production capacity – from the basic material of the tube, forged, lost wax casting, casting to the huge amount of computer CNC machines to improve the production capacity and company profit.
3. CSE Group obtain TUV ISO 9001-2000 quality management certification and certification by FDA-3A food standards of Food Pharmaceutical Management Association, pharmaceutical grade products meet the American Society of Mechanical Engineers, ASME BPE certification. We are the only one who own of a pharmaceutical grade product with FDA certification in Taiwan.



CSE's Competitive Advantage

1. Has a wealth of customized production experience, production capacity from basic materials to complete processing and integration assembly standards.
2. With a wide range of customers and marketing offices, as well as a rapid response information technology management system in order to the diversification of risks and business growth.

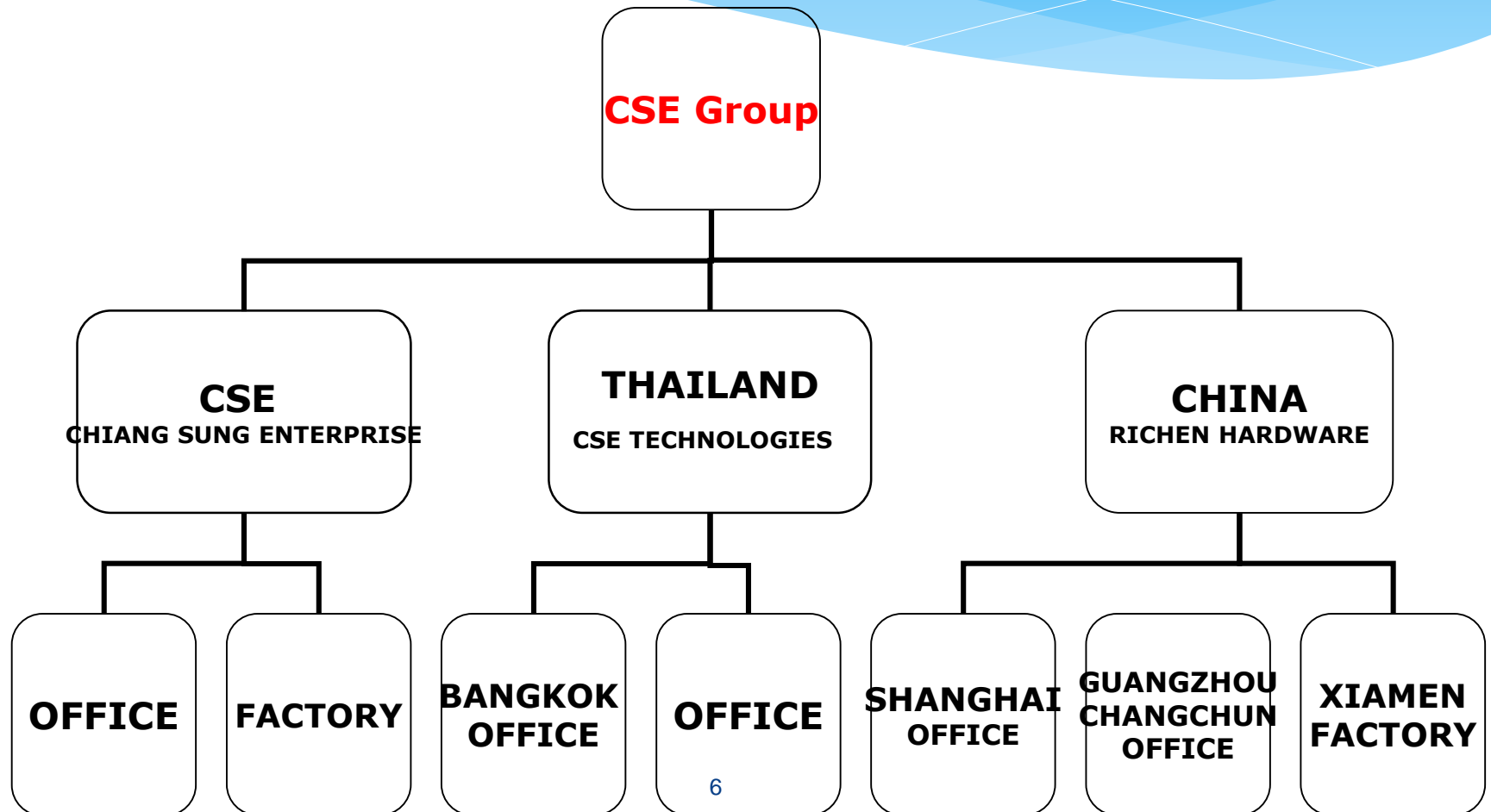
With many years experiences, 3D and R&D research and self- development mold capability, material production and processing skill. It helps communication and cooperation with customer in production design. It can improve the efficiency of product design, engineering analysis and functional simulation.

In the manufacturing, from basic materials to automate the production and processing equipment, including large CNC machining, the automatic precision milling machining centers (CNC Machining Center), automatic TIG orbital welding, automatic ultrasonic cleaning equipment and so on. Effectively improve competitive advantage of the company's products.

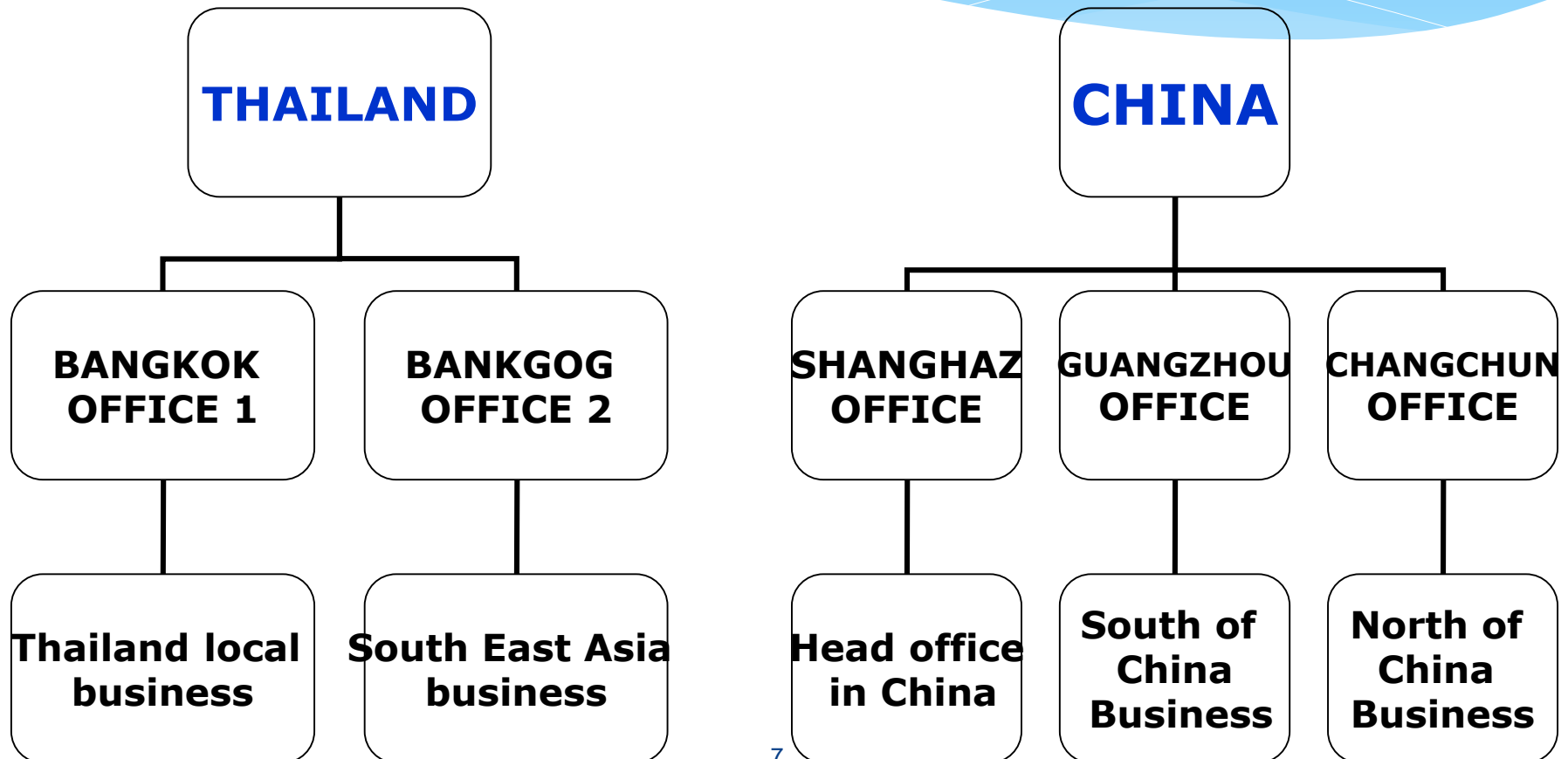
3. A good reputation in the market and a wide range of customers.
4. Skillful production technical, stable management and technology R & D



CSE Organization



Oversea Fabrication



Taiwan



- * Name : CSE. CHIANG SUNG ENTERPRISE CO., LTD.
- * Found in Feb.14th, 1993
- * Department: Sales Dept. /R&D Dept. /Financial Dept. /production Dept.
- * Area: 12,000/2,300 Square m^2 (Land/Building)
- * Employee: Around 85 people
- * Facilities: CNC machine/ CNC Milling
- * Main Products: Actuator/ Control Valve/ Butterfly Valve/ Sight Glass/ Check Valve/ Ball Valve/Diaphragm Valve

Taiwan



QA-0410091424



隔膜閥 / 桶底閥
CSE OEM Valve / Tank Valve



閥串
CSE Technical, Orbital Weld Services & Valve Units.



高科技控制閥
Innovation Control Valve Range



鍛造蝶閥及各式把手
CSE Width Range Butterfly Valve



氣動碟閥
Actuator for Butterfly Valve



逆止閥 / 玻璃視窗
Check Valve / Sight Glass



過濾器
Filter



業務與生產管理
Business Services & Production Control



CNC 切削中心
CNC Milling Center for Valve



CNC 機械加工部
CNC Machine Section



包裝線
Packing Lines

MAJOR EQUIPMENT

- Ultrasonic Cleaning System
- Precision CNC Lathes
- CNC Milling Centers
- Hydraulic & Air Test Equipment & Leaking Test Machines
- Weld-Equipment

Thailand



- * Name : CSE TECHNOLOGIES
- * Found in March 20th, 2001
- * Department: Forming Dept./ Elbow Polish Dept./ Tubing Polish Dept.
- * Area : 22,000/18,000 Square m² (Land/ Building)
- * Employee : Around 295 people
- * Facilities: Elbow bending machine/ Welding Machine/ Polishing Machine/ Bright Annealed machine
- * Main Products: 3A/SMS/DIN/BS/BPE Pipe/ Tube/ Elbow/Tee/ Cross/ Reducer..

Thailand



QA:0410091424



BPE管件電解流程與檢驗
BPE EP Processing & Inspection



各式彎管，三通
Range of Pipe Fittings



衛生級長管庫存
Sanitary Tube Stock



生化製藥 半導體
Pharmaceutical, Biotechnology, Semiconductor Fitting



嚴格的品質保證
Quality Guarantee



內/外拋光線
OD/ID Polishing Line



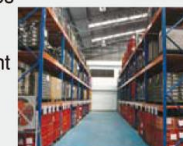
熱處理
Annealing



長彎機 / 包裝線
Long Bend Equipment / Packing Lines

MAJOR EQUIPMENT

- Precision CNC Lathe Machines
- Specialized Machines
- Hydraulic & Air Test Equipment
- Leaking Test Machines
- Auto Bending Machines
- Tee Forming Machines
- Tube OD / ID Auto Polishers
- Polishing Machines
- Precision Press Machines
- Ultrasonic Cleaning System
- Hydraulic Equipment



China- Xiamen



- * Name: ZHANGZHOU CSE. RICHEN HARDWARE CO., LTD.
- * Found in August 23rd, 2005
- * Department: Lost Wax Casting Dept./ Casting Dept./ Clamp Dept./ Model R&D Dept./ CNC machine Dept.
- * Area: 35,000/26,000 Square m² (Land/ Building)
- * Employee: Around 420 People
- * Facilities: CNC Milling Machine/ High Frequency Furnace/ Material Analyzer/Mold engraving machine
- * Main Products: Lost wax casting/ Clamp/ Ferrule/ Union/Forged products

China



Lost Wax Casting 精鑄
Casting 砂鑄



由任庫存
Fitting Section of Stock



由任-1
BS, AS NZS Standard RJT & CIP & IDF Fitting



CNC切削加工
CNC Machining for Valve



品質保證 / 材質檢驗
Roughness Test



由任-2
SMS & DIN Fitting



管束 & 接環
Clamp & Ferrule



鍛造
Forged



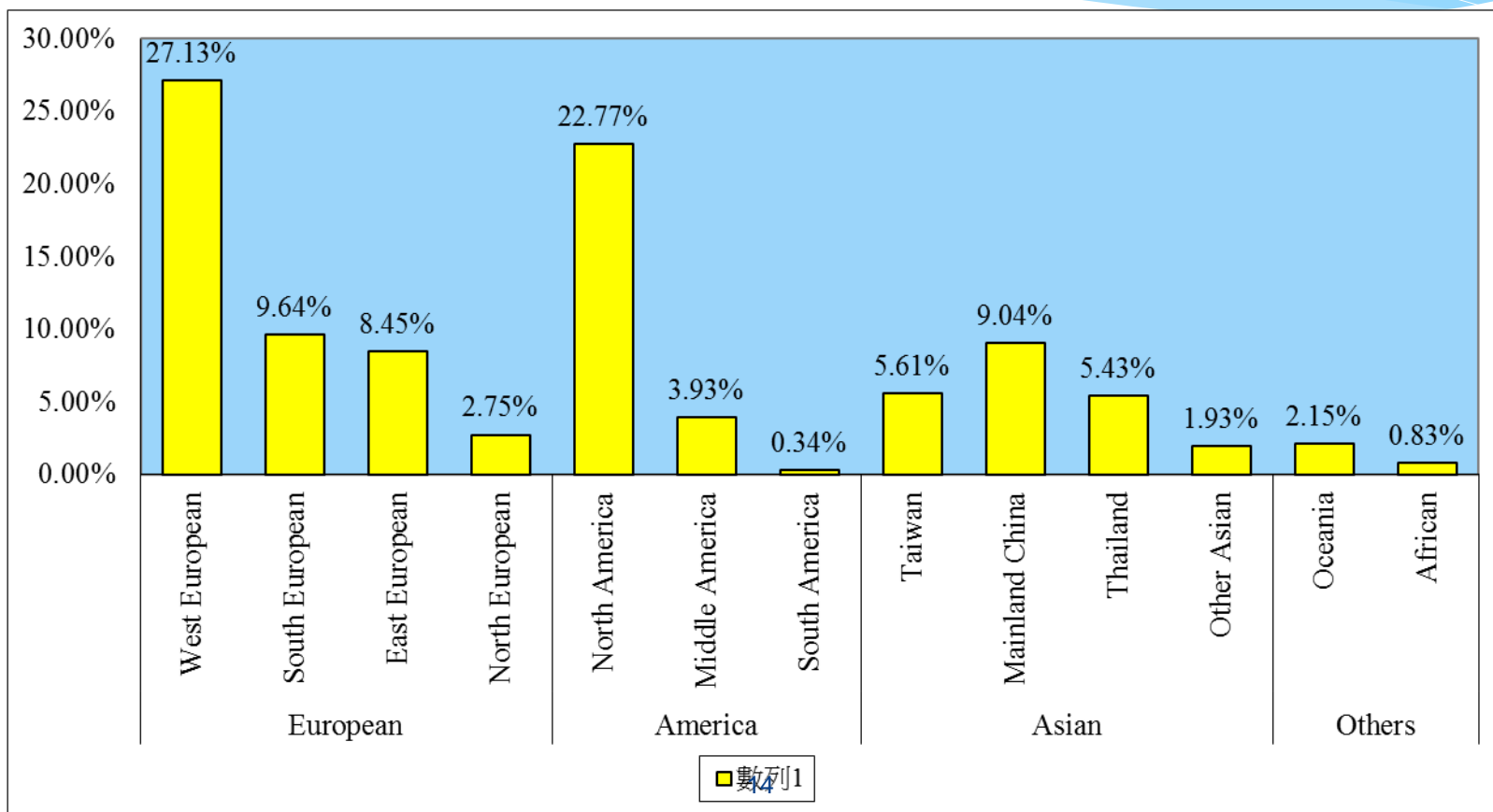
MAJOR EQUIPMENT

- Ultrasonic Cleaning System
- Precision Lathe Machines
- Precision CNC Lathe
- Plastic Injection
- Milling Machines
- Press Machines
- Hydraulic Machines

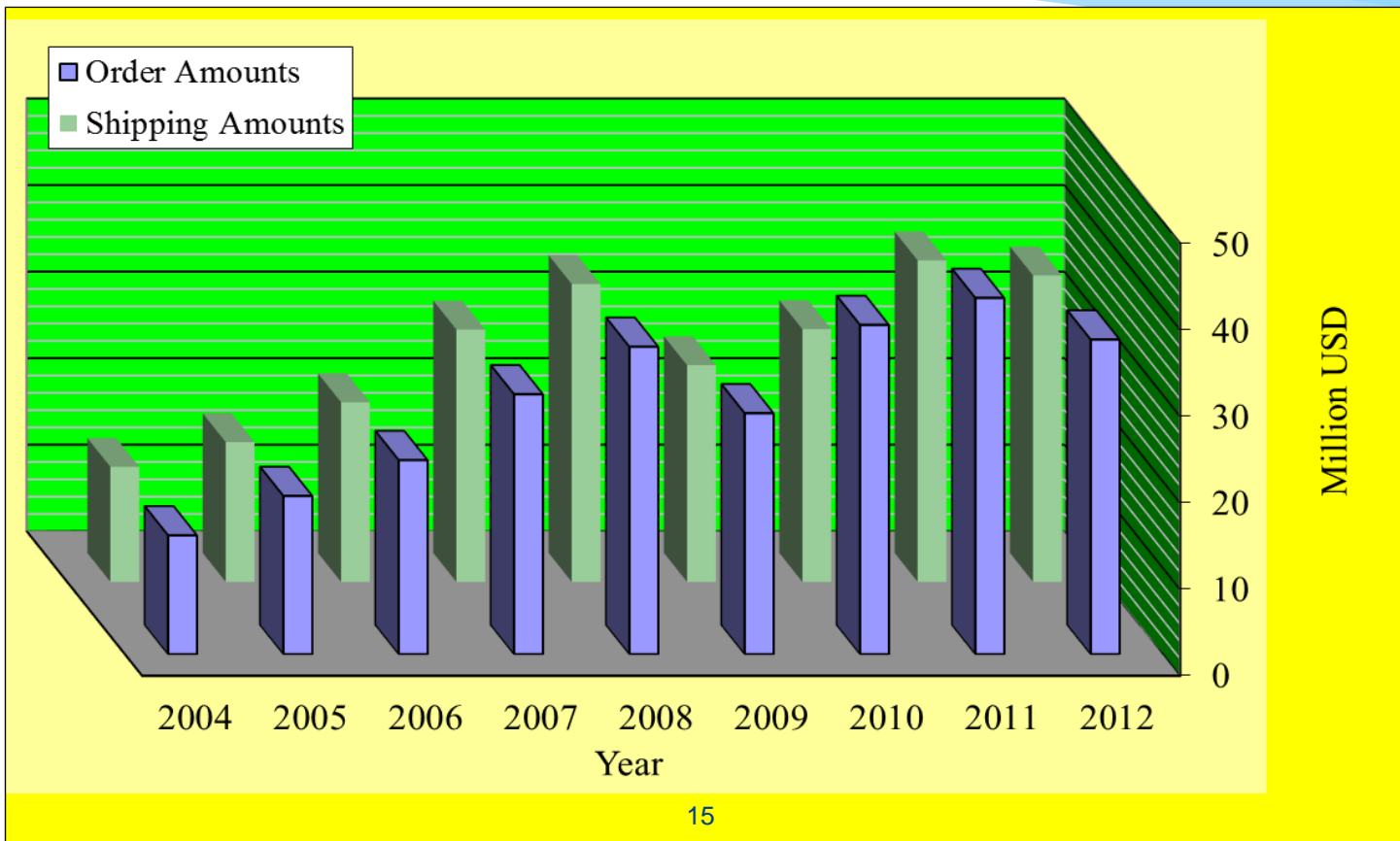


CSE Group Sales Report by Area

(example of sales amount in 2012)



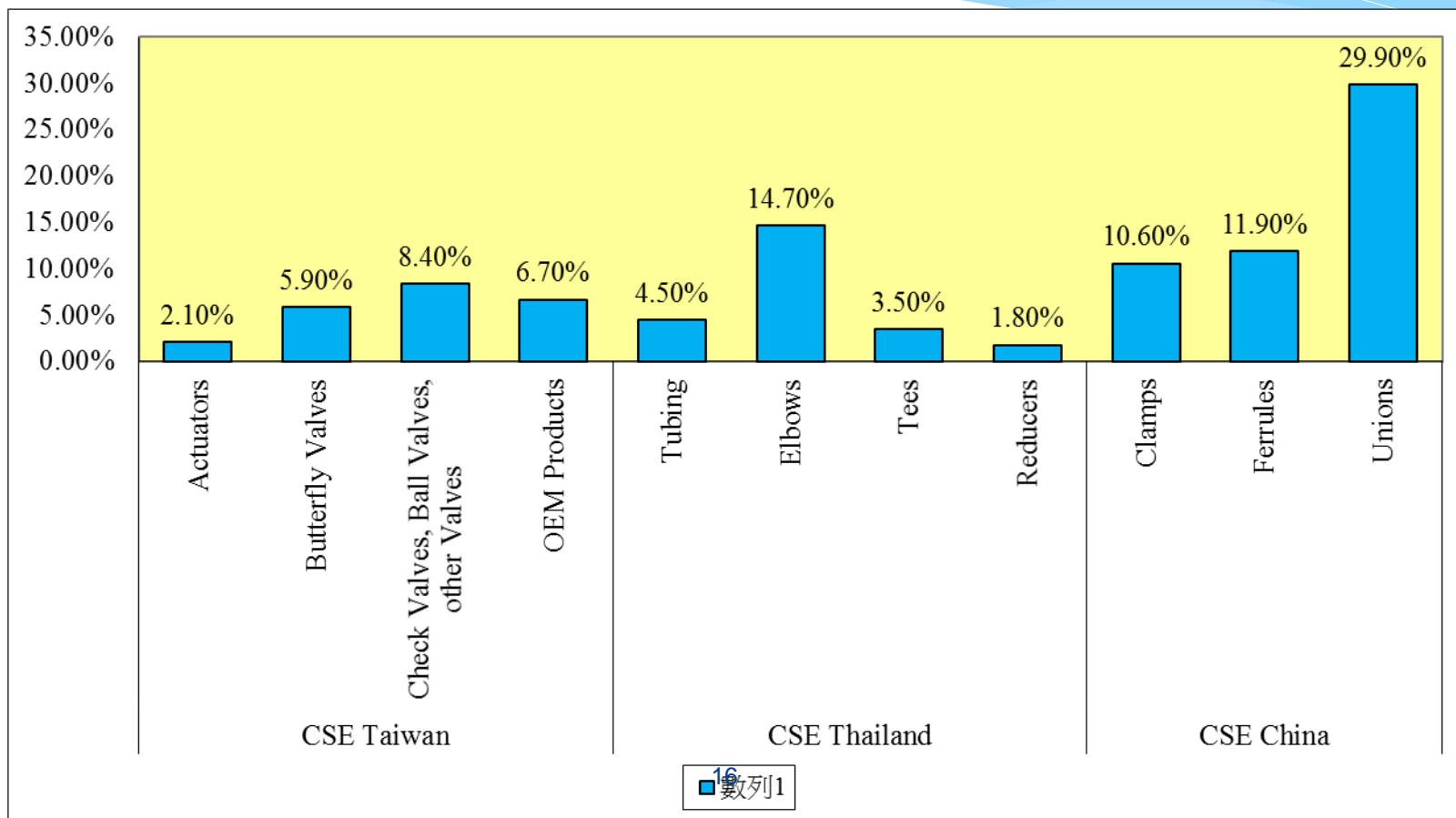
Order & Shipping Amount





CSE GROUP Product Sales Scale

(Example in In 2012)





CSE Future Plans

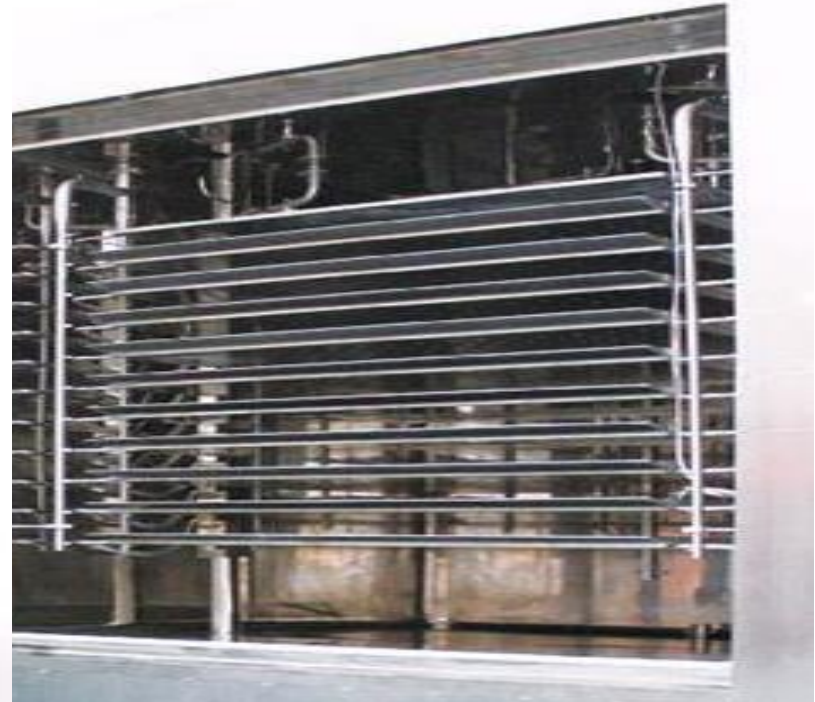
- * Fittings Explore China & Thailand more production..
- * Tube – Cooperation with other companies for new set up new tube lines in China, and has explored tube line in Thailand for Pharm/ Sanitary high level polished tubes and Electric polished for semi-conductor industry ..
- * Equipment – Joint CSE Taiwan High technologies for valves/ Auto valve unions and cooperation with Pure water /Pharm Froze TECH equipment.

Cooperation W Equipment- Water Purification System







Cooperation W Equipment- Pharma

Freeze Dryers



Project examples

-  [Food](#)
-  [Biopharmaceutical](#)
-  [Chemical](#)
-  [Semi-conductor](#)

Thanks for your attention.

The End