



Tai Perng Electronic Plating (Zhongshan) Co. Ltd.

Tai Perng Electronic Plating Co. Ltd.
(Zhongshan, China)

January 2015



Company Profile

- ☆ Company History
- ☆ Vision and Values
- ☆ Organization
- ☆ Variety of plating ways and types
- ☆ Scope and field of business
- ☆ Product samples
- ☆ Green Earth Policy
- ☆ Production equipments and Capacities
- ☆ Lab tests, Instruments and inspection equipments
- ☆ Quality control key procedures
- ☆ Quality control certification
- ☆ Quality objectives
- ☆ Customer reference



Tai Perng Electronic Plating (Zhongshan) Co. Ltd.

Company History



- ☀ Taiwan
- ☀ 1987 Tai Perng Chemical co., Ltd was established.
- ☀ Floor space 5000 m²
- ☀ Reel to reel electroplating production
- ☀ Products: relevant industries of electronic
- ☀ Employees: around 60 persons



- ☀ China-Zhong-shan
- ☀ 2000, Tai Perng Electronic co., Ltd was established.
- ☀ Floor space 9600 m²
- ☀ Reel to reel electroplating production
- ☀ Tape electroplating
- ☀ Products: Relevant industries of electron, Automobile ...etc
- ☀ Employees: around 110 persons



Vision and Values

Technical innovation

Aggressively develop new equipment & new medicinal liquid to excise leadership

Continuous improvement

Go through “PDCA” procedures to enhance our technical skills and competitive advantages

Superior Quality

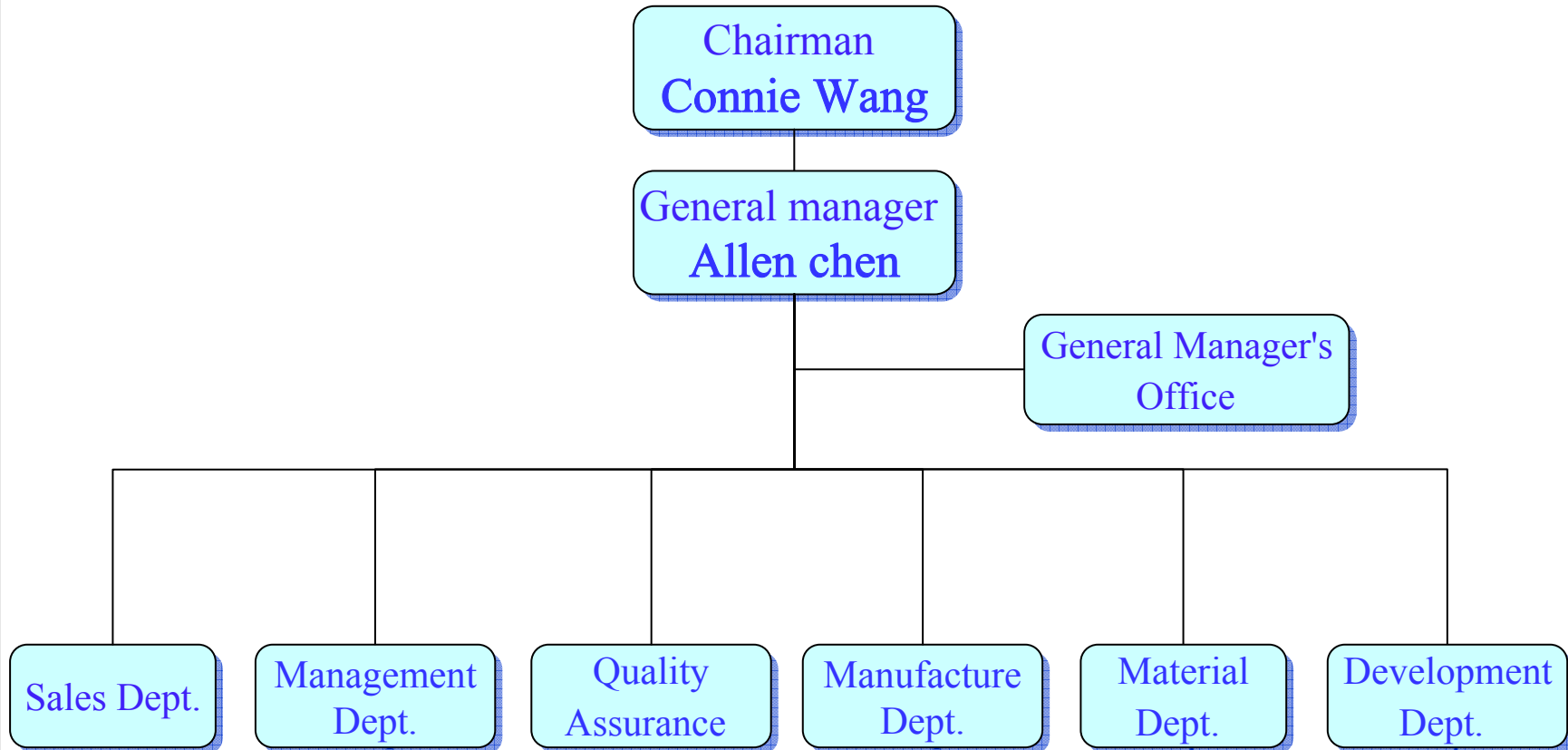
“Quality is business lifeblood”, we ensure quality stability with high-precision equipments and inspection skill

Customer satisfaction

On time delivery, competitive price, superior quality to satisfy customer needs



Organization





Variety of plating ways and types

☆ Plating ways

- ☼ Brush plating
- ☼ Dip plating
- ☼ Spot plating
- ☼ Tape plating

☆ Plating types

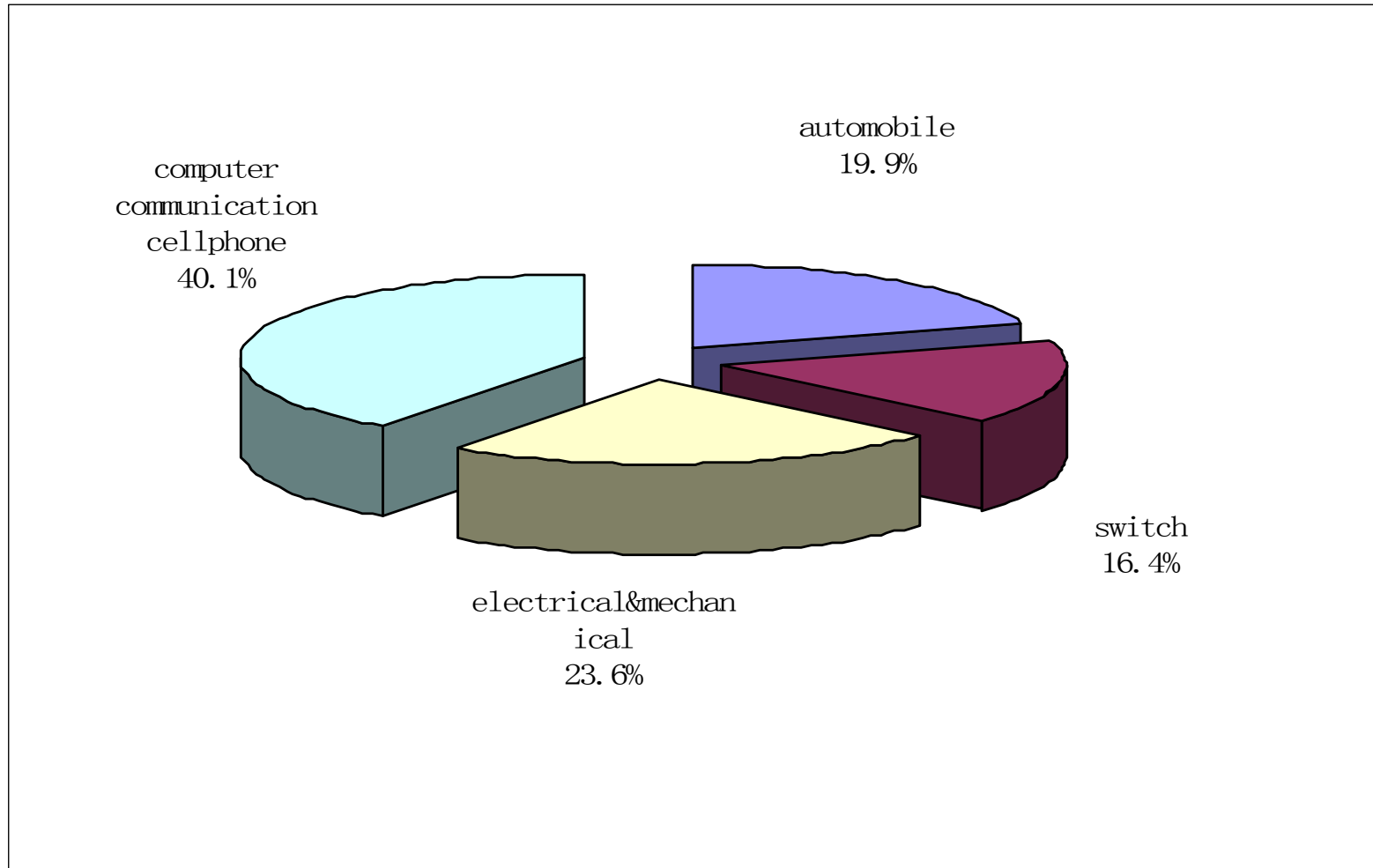
- ☼ Gold
- ☼ Silver
- ☼ Nickel
- ☼ Brighten tin & Mat Tin
- ☼ Copper (For underlay)

☆ Source material types

- ☼ Phosphorus copper 、 Brass 、 Copper-nickel alloy 、 Beryllium copper、 Titanium copper
- ☼ Nickel material
- ☼ Stainless
- ☼ Iron material



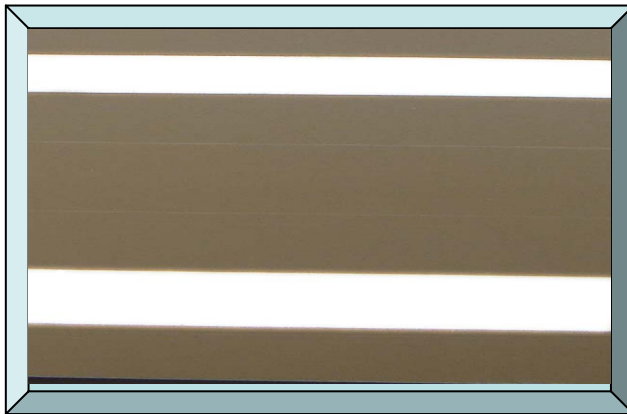
Scope and field of Business



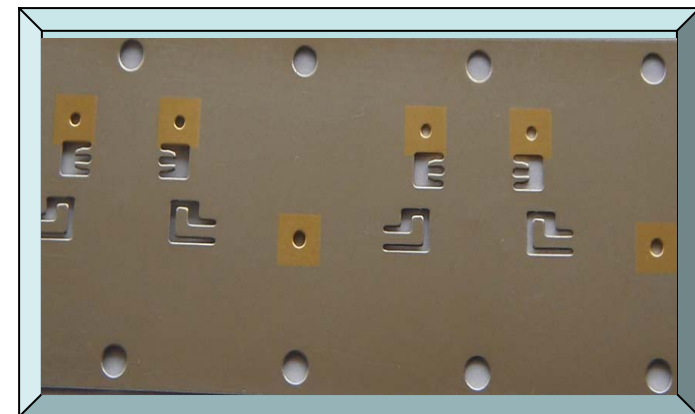


Product Samples

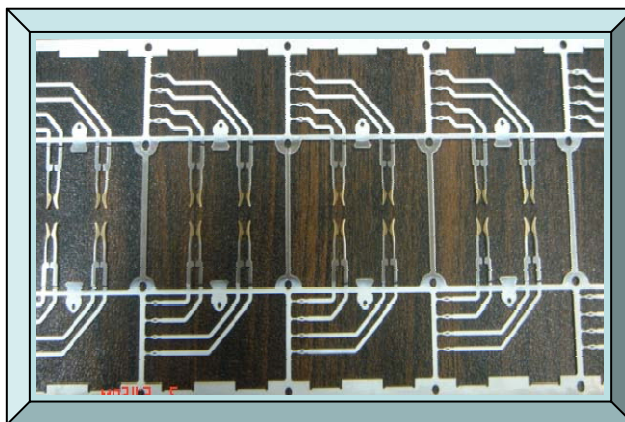
Tape plating
with tin



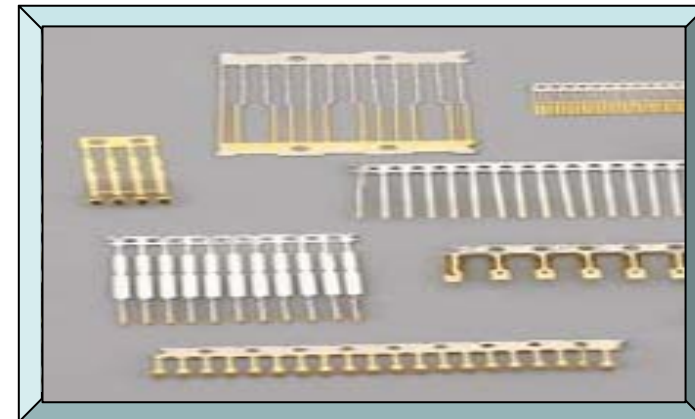
Spot plating
with gold



Spot plating with gold
and Dip tin plating



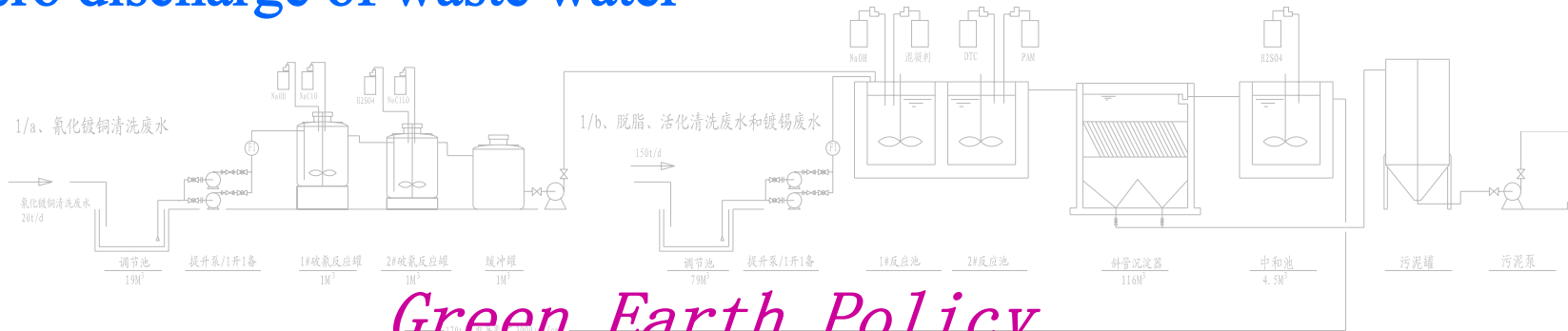
plating with gold and Dip tin
plating



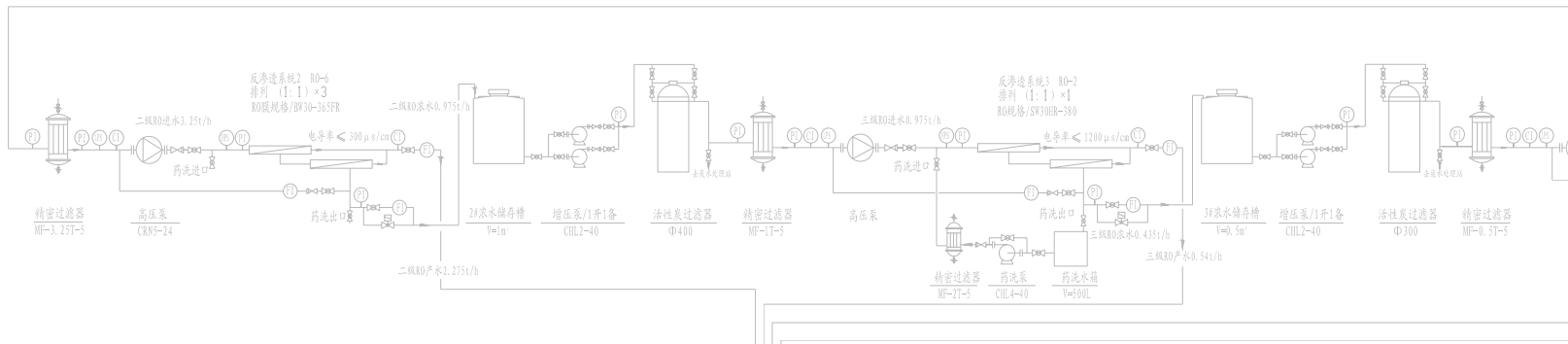
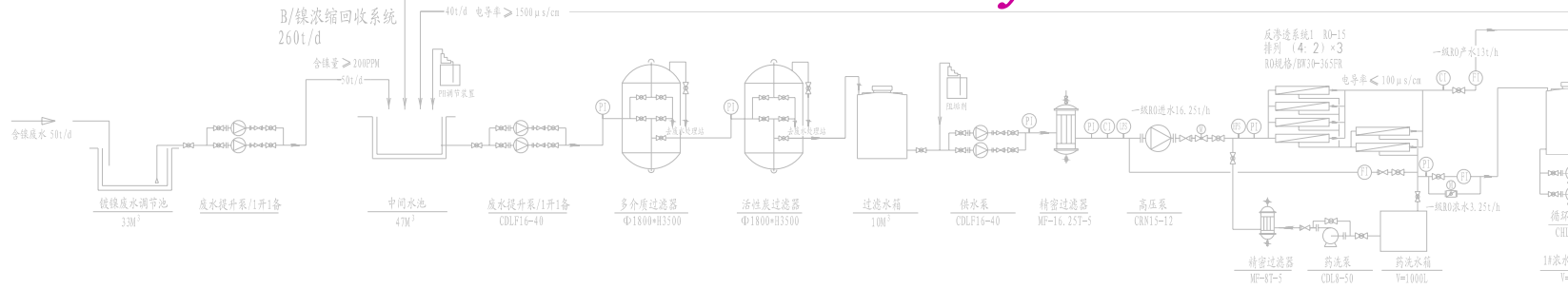


Green Policy

Zero discharge of waste water

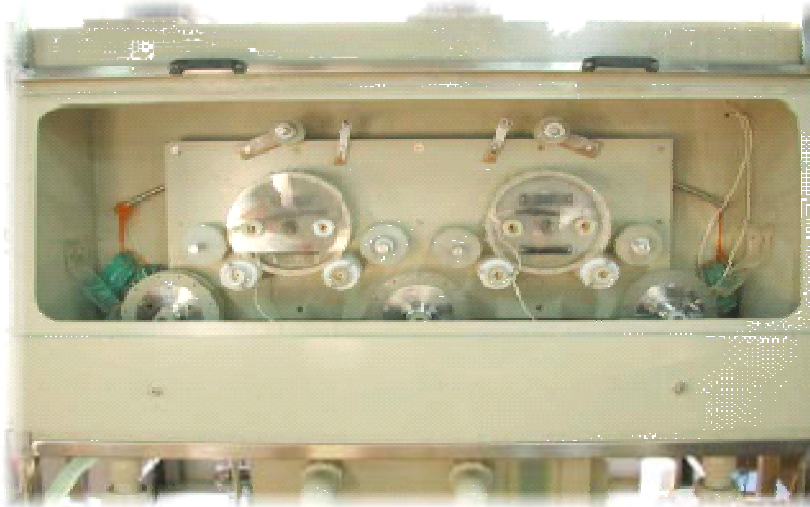


Green Earth Policy



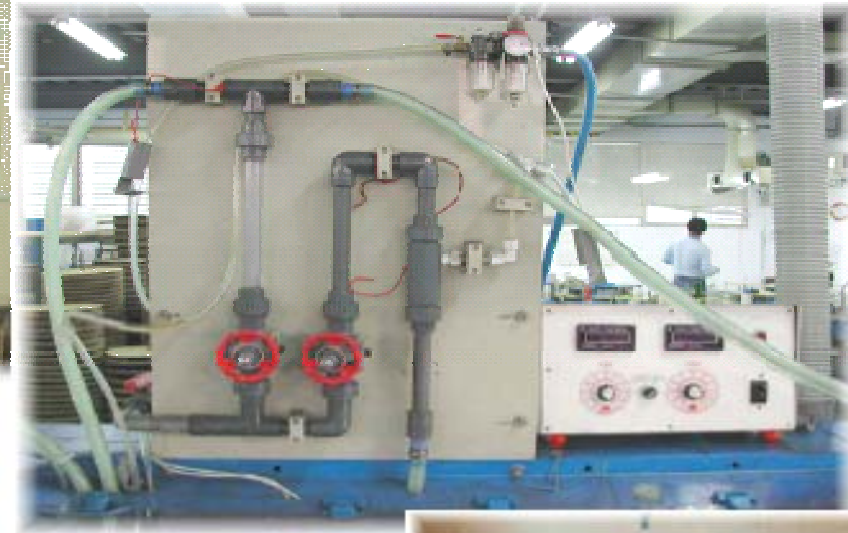


Production equipments



点镀 Spot Plating

刷镀 Gold Brush



贴镀 Tape Plating



Tai Perng Electronic Plating (Zhongshan) Co. Ltd.

Production equipments and Capacity

Production line with clean room and total 24 lines (12 Machines)



Monthly capacity

- Strip material plating:
Over 150 tons
- Connectors (terminal):
Over 1500KK



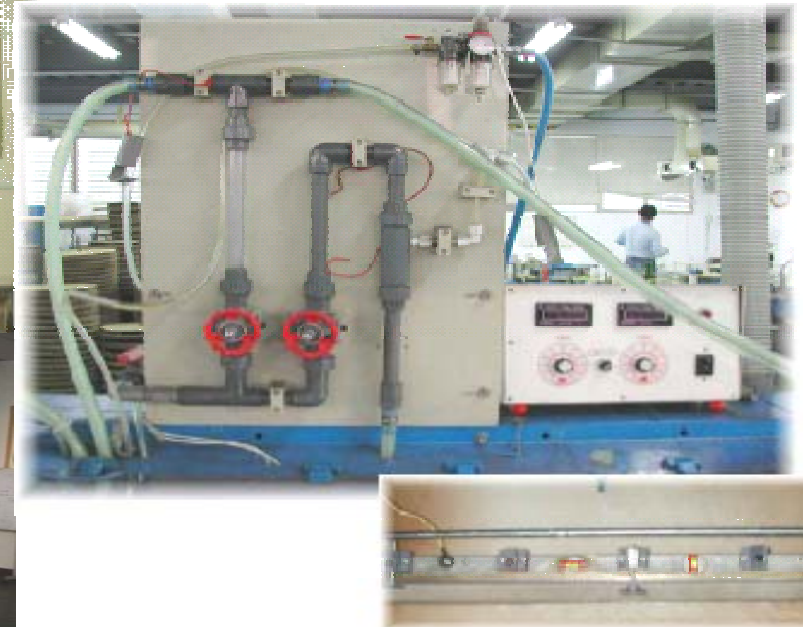
Tai Perng Electronic Plating (Zhongshan) Co. Ltd.

Production equipments

Spot Plating



Gold Brush



Tape Plating

- ☀ Reel to Reel continuous plating line: 24 Lines
- ☀ Mask taping machine: 1 set



Lab tests and Instruments

Test types

- ☼ Salt spray test
- ☼ Steam aging test
- ☼ Heating test
- ☼ Vulcanization test

Instruments

- ☼ Plating bath analysis equipment:1
- ☼ X-Ray coating thickness measurement:2
- ☼ AA Atomic absorption spectrometer: 3
- ☼ UV-visible spectrophotometer: 1
- ☼ 40X microscope (Nikon & Olympus DZ-160):3
- ☼ Steam aging test machine:1
- ☼ Salt spray test machine:1



Testing equipments

1. ATOMIC ABSORPTION 原子吸光譜儀



2. UV-VISIBLE SPECTROPHOTOMETER

有機添加劑分析



3. PLATING BATH ANALYSIS EQUIPMENT

分析鍍液設備



- Concentration analysis
- Analysis of Organic Compounds
- Plating bath analysis



Testing equipments

4. 40X MICROSCOPE (NIKON & OLYMPUS DZ-160) 2 40X 顯微鏡



5. SALT SPRAY TEST MACHINE 鹽水噴霧試驗機



6. STEAM AGING TEST MACHINE

蒸氣老化實驗機



- Visual inspection
- Salt spray test
- Steam aging test



Testing equipments



Glossiness tester
(光澤度檢測儀)



Two dimensional
measuring instrument
(二次元測量儀)



X-Ray coating thickness
measurement (膜厚測試儀)



Quality control key procedures

ISO management implement



Cleanse Production activities

02' ISO9001 certified

04' ISO14001 certified

06' Customer certified

06' TS16949 certified

08' Whole manufactory 6S implement



Tai Peng Electronic Plating (Zhongshan) Co. Ltd.

Quality control certification

☆ ISO 9001 in 2002

☆ ISO 14001 in 2004





Tai Perng Electronic Plating (Zhongshan) Co. Ltd.

Quality control certification

☆ ISO 16949 in 2006

☆ Omron certificated in 2006





Tai Perng Electronic Plating (Zhongshan) Co. Ltd.

Quality control certification

☆ Government certificated





Quality objectives

Quality First

Continuous
improvement

Customers
satisfaction

2015' Quality objectives

Qualified ratio over 99.4 %

Return ratio below 0.6%

Complaint ratio below 1.8%



Tai Perng Electronic Plating (Zhongshan) Co. Ltd.

Customer reference



Automobile customers:

Metalis, Suyin, TONELUCK, Autosplice, Loxca...etc.



Tai Perng Electronic Plating (Zhongshan) Co. Ltd.

Tai Perng

the value creator for customers