

## Vincenc Home Development Co., Ltd.

ABOUT US | VINCENC NEWS | PRODUCTS | CONTACT US | HOME

1. SGS TEST REPORT FOR ROHS on Vincenc News week 18 of 2005. Please kindly download when needec

ABOUT US

COMPANY PROFILE

## 1. ABOUT VINCENC

**Establishment:** 

Head office: In Taipei on OCT. 21, 1992

China Factories:

Tsingtao Factory : In Mar., 1990 Yangzhou Factory : In May, 1999

Singapore Office: In Nov., 1992

Main Products: Rectifieres, LED, & Varistor Capacity of Factories:

1A (DO-41)	50KKPCS / Month
3A (DO-201AD)	10KKPCS / Month
WOB (1A, 1.5A, 2A)	5KKPCS / Month
KBP (1A, 1.5A, 2A)	100KKPCS / Month
KBL (4A)	200KKPCS / Month
KBU (6A, 8A, 10A)	200KKPCS / Month
KBPC (3A, 6A, 8A)	200KKPCS / Month
KBPC (15A / 25A / 35A / 50A)	100KKPCS / Month

LED 100KKPCS/Month Display 10KKPCS / Month

Varistor 40KKPCS / Month

New Developed Products: SMD Type

Distributers:

ITALY Distributor: PIHER INTERNATIONAL ITALIANA S.r.I.

Greece Distributor: DION GIANNIKOS & CO

Austria Distributor: CODICO WARENHANDELS GES. M.B.H. & CO. KG.

Russia: Ecocity LTD.

國內代理銷售: 晶舟有限公司 TEL: 02 29540717

FAX: 02 29540717

e-mail: chingt@ms3.hinet.net

MR. 戴 / MR.唐

## 2. COMPANY INFORMATION

Paid Capital:

Head Office: NTD18,000,000.00 Singapore Office: USD150,000.00 China Factories: USD3,500,000.00

Employees:
Head Office: 8
Singapore Office: 32
China Factories: 3600



## Area of Offices & Factories:

Head Office: 180 Square Meters Singapore Office: 350 Square Meters Tsingtao Factory: 1653 Square Meters Yangzhou Factory: 2855 Square Meters

## Sales Volume:

Head Office: USD500,000.00 / Month Singapore Office: USD300,000.00 / Month

## **Contact Information:**

Head office:

9F-2, NO. 7, LANE 35, SEC. 2, SAN-MIN RD., PANCHIAO CITY,

TAIPEI HSIEN, TAIWAN, R.O.C. Tel: 886-2-2964 7629 (Rep.) Fax: 886-2-2964 7641 e-mail: vincenc@seed.net.tw

## Singapore Office:

NO. 63, HILLVIEW AVENUE LAM SOON INDUSTRIAL BUILDING #104

SINGAPORE 669569

TEL: 65-67630 921 / 67630 489 / 67635 493

FAX: 65-67632483

e-mail: accent22@cyberway.com.sg

## Certification:

UL: 197860 CSA: 215761

VDE: 5003446-4790-0001

## 3. COMPANY PROFILE



## Head office

9F-2, NO. 7, LANE 35, SEC. 2, SAN-MIN RD., PANCHIAO CITY, TAIPEI HSIEN, TAIWAN, R.O.C. TEL: 886-2-2964 7629 (Rep.) FAX : 886-2-2964 7641 E-mail : vincenc@seed.net.tw

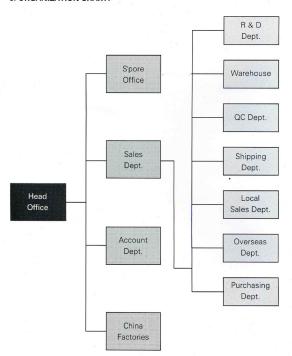
Singapore Office

NO. 63, HILLVIEW AVENUE LAM SOON INDUSTRIAL BUILDING #104 SINGAPORE 669569 TEL: 65-67630 921 / 67630 489 / 67635 493 FAX: 65-67632483 E-mail: accent22@cyberway.com.sg

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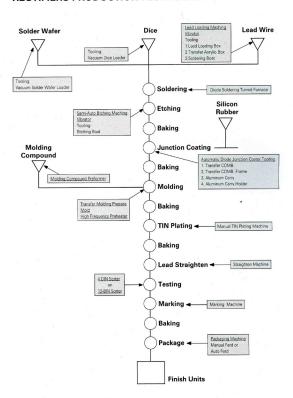








### RECTIFIERS PRODUCTION FLOW CHART







## LED LAMP PRODUCTION FLOW CHART

Materials	Flow	Q.C.	Process	Facilities
Lead Frame Silver Epoxy			Silver Epoxy Dipping	Auto System or Manual
LED Chip	$\nabla$	Monitor	Die Mount	Auto System or Manual
		L/A	-	Microscope
		-	Curing	Oven
Gold Wire	₹.	Monitor	Bonding	Auto System or Manual
		-	Inspection	Microscope
		L/A	-	Microscope
Epoxy Resin	<b>∇</b>	Monitor	Encapsulation	Auto System or Manual
1	<u></u>	-	Curing	Oven
	$\overline{\downarrow}$		Tie Bar	Hydralic Press
		-	Testing and Classification	Auto System or Manual
		L/A	-	Testing Fixture and V/M Inspection
Packing	$\nabla$	3 -	Packing	Labour
Material		-	UTS	Ware House
*		Q.A.	. · · ·	Photo Cell, Projector and other equipment
	\$		Shipping	Truck / Air / Sea





## DIGIT DISPLAY PRODUCTION FLOW CHART

Materials	Flow	Q.C.	Process	Facilities
P.C.B.				
Pin	Y	- 1	Pin Soldering	Manual
	~ N	L/A	-	Microscope
Silver Epoxy		-	Silver Epoxy	Auto System
	$\leftarrow$		Dipping	or Manual
LED Chip	$\longrightarrow$	Monitor	Die Mount	Auto System
*				or Manual
		L/A	-	Microscope
	$\vee$	-	Curing	Oven
	□ Q Q		Ultra Sonic	Ultra Sonic Cleaner
		•	Cleanning	
Al Wire	📩	Monitor	Bonding	Auto System
*1				or Manual
	-	-	Inspection	Microscope
7 7	<b>-</b>	L/A	-1	Microscope
	_	-	In-Line Test	<ul> <li>Testing Fixture</li> </ul>
	Y-5-0	L/A	-	Testing Fixture
Reflector	×	Monitor	Encapsulation:	Microscope
Epoxy Resin		-	Curing	Oven
	Ļ	-	V/M Inspection	Manual
		-	Testing and	Auto System
			Classification	or Manual
5 6	$\overline{}$		Marking	Stamp and Ink
	$\vee$ $\leftarrow$	L/A	-	Manual
Packing	$\rightarrow$	5 ·	Packing	Manual
Material	Ò	-	UTS	Ware House
		L/A	-	Photo Cell and
			-	other Equipment
	$\Rightarrow$	-	Shipping	Truck / Air / Sea





## VARISTOR FLOW CHART

Step	Method	Tools		
1. I.Q.C	Experimental testing	Furnace		
2. Formula	Weight	Standard-weight		
3. Ball-milling	Viscosity	V-meter		
4. Spray-drying	Flow rate: Humility	Angle-testor; Furnace		
5. Forming	Weight; Thickness	Scale;mm-Meter		
6. Sintering	Temperature;Time	Controller		
7. Electrode	Conductivity; Solderability	Surge-tester;Soldering		
8. Sorting	Voltage	• Multimeter;Resistor		
9. Assembly	Figure; Marking	Eyes; Meter		
10. Testing	Voltage	Multimeter;Resistor		



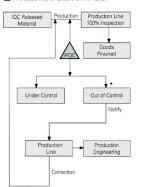
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#### **ACTIVE QUALITY CONTROL**

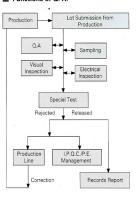
#### Material Flow Chart of I.Q.C



#### Process Flow Chart of I.P.Q.C.



#### Functions of Q. A.

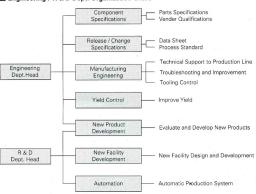






#### DYNAMIC ENGINEERING, RESEARCH AND DEVELOPMENT

#### Engineering / R & D Dept. Organization Chart



#### Equipments

- Beam Pattern Measurement System
  - ----- Measuring The Viewing Angle
- Electro Luminescence System
  - Measuring The Spectral Characteristics
- L-1 Measurement System
  - Measuring The Relative Relationship Between
  - The Luminous Intensity and Current
- Electrical Character Measurement System
- ----- Measuring IV, CV
- Chip Parameter Analysis System
  - ----- Measuring The Parameter of Each Chip in A Wafer.
    - As The Reference for Even Intensity
- Viscometer
- ------ Viscosity Measurement
- Luminous Intensity Measurement System
  - —— Measuring The Intensity

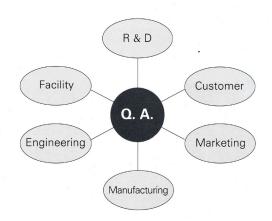


#### **RELIABILITY TEST**

#### ■ Test Items VS. VINCENC Specifications

Solderability	Low Temperature
Soldering Heat Resistance	QC - A - 008 • High Temperature
• Temperature Cycle	
• Life Test	High Humidity ————————————————————————————————————
• Lead Tension Strength	• Vibration Test QC - A - 012
	High Temperature Bias     QC - A - 013

QC - A - 007







## **DISPOSAL OF QUALITY PROBLEM**

	Cust- omer	Sales Dept.	Pro- duction Control	Eng. Dept.	Pro- duction Dept.	I.Q.C.	I.P. Q.C.	Q.A.	Purchasing Dept.	General Manager
Problem	9									
Complaint Report and Sample	<b> </b>	8								
Analysis							_	•		
Counter- Measure			0-	— O-	-0-	-0-	-0-	-	0	
Evaluation	•	0-		-0-	-0-	2.5	•	<u></u>		
Counter- Measure		0-	-0-	-0-	-0-	<u></u>	0		0	-0
Submit Report to Customer		م								
Customer Recognition	8					, **				





## **CUSTOMER DESIGN PROCEDURE**

	Cust- omer	Sales Dept.	Eng. Dept.	Pro- duction	Q.C.	Purchasing Dept.	Facility	App- roval	Remark
Inquiry for Custom Design Items	Q								Or an Inquity     Asking a New     Product
Summerize The Inquiry		D							Specification     Order / Market     Potential Evaluation
Technical Evaluation	(Tax		\$	-0-	-0-	-0-	-0		Market Price     Investigation     Order Estimate
Cost Estimate		9-	-0-			-0			
Quotation		<u></u>						-0	1, Tooling Cost 2. Other Required Cost
Quotation Approval	q								
Release Tooling Order	Å								
Confirm Order		*Oc						-0	
Issue Drawing / Spec.		0	0	-0-	-0-	-P	-0		
Accepted by Customer	₫								8
Receipt of Accept Notice		<b>*</b> O-	•						
Tooling Developing			0-		_		,		
Making Sample			P	-0	0	-			
Submit Sample and Data Sheet		Ø							
Sample Approval	P							5 A	
Place Order	0								Followed by "Order Acceptance Procedure"





## ORDER ACCEPTANCE PROCEDURE

Operation Unit Flow	Cust- omer	Sales Dept.	Pro- duction Control	Eng. Dept.	Pro- duction Dept.	Quality Control	Purch- asing Dept.	Approval
Inquiry	0		7					
Quotation		<b>&gt;</b>						-0
Price Confirmation	Q.							
Sample Request	٨							
Submit Sample		<b>&gt;</b> 0-		-0-	-0-	-0		
Sample Approval	O(							
Receipt of Approval Notice		D						
Selivery L/T Inquiry	o C							K <sup>K</sup> a
Delivery Schedual Confirmation		<b>&gt;</b> >-	-0-	0	-0-	-0-	<u> </u>	
Place Order	$\propto$							
Confirm Order	0	<b>*</b> Q						-0
Production Arrangement			*	<del>-</del> O-	<u>-</u>	<del>-</del> 0-	<u> </u>	
Production			0	_0_	<u> </u>	-0		(4)
Outgoing Inspection						<b>&gt;</b>		
Packing			Q*					
Shipping Arrangement	O•	<u> </u>	-			1 -		
Shipping Advice		, <del>†</del>	-0					
	0							





## **DIVERSIFIED EDUCATION AND TRAINING SYSTEM**

#### Education and Training System

