



BUREAU VERITAS / GLOBAL SOURCES SUPPLIER CAPABILITY ASSESSMENT

BV Report No.: 10113530153

| | |
|---|---|
| Assessed Factory Name | Shenzhen Jiubaba Electronics Co., Ltd. |
| Assessed Factory Address | 3F East, 2 Tower, Shenhua Technology Industrial Park, Xiameilin, Futian District, Shenzhen City, Guangdong Province, China |
| City / Country | Shenzhen / China |
| Consigner of Assessment | Shenzhen Jiubaba Electronics Co., Ltd. |
| GS Supplier / Manufacturer No. | 8830165067 |
| GS Supplier Name | Shenzhen Jiubaba Electronics Co., Ltd. |
| Date of Assessment | 28-Dec-11 |
| Expiry Date (12 months validity) | 27-Dec-12 |
| Name of Assessor | Channing Chen |
| Reviewed by | Tracy Tang |

Bureau Veritas Consumer Products Services division in collaboration with Global Sources has developed a new **"Supplier Capability Assessment"** program which has been based on good practice principals used by international retailers and brands. The objective of validating supplier information is to provide additional confidence to buyers so that they know the information has been verified by an independent third party.

The Bureau Veritas **"Supplier Capability Assessment"** program is not designed to be a performance standard but rather an information validation program against an established criterion providing potential buyers with information on the establishments stated claims and capabilities. The criteria used to assess the **"Supplier Capability Assessment"** program consist of a questionnaire with the following categories:

1. Factory Overview
2. Legal Entity
3. Personnel
4. Export Markets
5. Key Clients
6. Product Capabilities
7. Production Capabilities
8. Management Systems & Accreditations
9. Quality Control Management
10. Development / Expansion Plans

The above reflects our findings for the particular factory in concern on the date of our service only. This report does not certify, confirm or imply: a) compliance with any government, industry or association regulations or standards, unless stated otherwise; or, b) the quality of any specific products manufactured by the factory/sellers/suppliers; or, c) the shipment of any specific products. This report does not discharge or release the factory/sellers/suppliers from their commercial, legal or contractual obligations with buyers in respect of products manufactured by the factory/sellers/suppliers. Our services, including reports and certificates, are subject to the General Conditions of Service of Bureau Veritas which have been sent to your company. They can be resent upon written request. This report cannot be partially copied. Any reader other than the party for which this report has been specifically issued is hereby informed that the General Conditions of Service of Bureau Veritas contain liability limitation provisions.

1. Factory Overview

| | | | |
|-----------------------------------|---|------------------------------------|--|
| Factory Name | Shenzhen Jiubaba Electronics Co., Ltd. | | |
| Factory Address | 3F East, 2 Tower, Shenhua Technology Industrial Park, Xiameilin, Futian District, Shenzhen City, Guangdong Province, China | | |
| Factory Phone Number | 86-755-83151988, 86-755-83155988 | | |
| Factory Fax Number | 86-755-83114709, 86-755-83153988 | | |
| URL/Web Address | http://www.globalsources.com/988pcba.co | | |
| Name of Contact | Mr. Mike Wang | | |
| E-mail address | Mike_wang@988pcba.com | | |
| Year Established | 2008 | Number of Dormitories | 10 rooms |
| Number of Buildings | 1 production building with 6 floors (the factory only used the 3rd floor) | Total Dormitory Capacity (beds) | 60 |
| | Total Production Area M ² | Percentage of Workers in residence | 20% |
| Factory Capital Investment | RMB 20,000,000 | | |
| A Subsidiary Factory of | N/A | | |
| Type of Ownership | <input checked="" type="checkbox"/> Privately Owned <input type="checkbox"/> Public Company <input type="checkbox"/> Joint Venture <input type="checkbox"/> Stated Owned <input type="checkbox"/> Proprietorship | | |
| Principle/Owner | Mr. Mike Wang | E-mail: | Mike_wang@988pcba.com |
| | | E-mail: | |
| | | E-mail: | |
| Supplier - Factory Relationship | <input type="checkbox"/> shareholder/partner <input checked="" type="checkbox"/> Wholly Owned <input type="checkbox"/> Capacity Contract <input type="checkbox"/> Historical Working relationship | | |
| Valid Product liability insurance | <input type="checkbox"/> Y, <input checked="" type="checkbox"/> N | Expiry date | N/A |
| Valid Product recall insurance | <input type="checkbox"/> Y, <input checked="" type="checkbox"/> N | Expiry date | N/A |

2. Legal Entity

| | | |
|--|---|--|
| Does the factory have a valid business license which accurately reflect the current operations? | <input checked="" type="checkbox"/> Y, <input type="checkbox"/> N | |
| Registration number | 440301103206088 | |
| <input type="checkbox"/> manufacturer <input type="checkbox"/> export trading <input checked="" type="checkbox"/> both | | |
| Date of Registration | 6-Mar-08 | |
| Valid period | 6-Mar-18 | |
| Name of Corporative Representative | Mr. Mike Wang | |
| Is the annual review done by the local authority, e.g., Industrial & Commerical Bureau? (please specify) | <input checked="" type="checkbox"/> Y, <input type="checkbox"/> N | Annual review was done by Market Supervision Administration of Shenzhen Municipality |

3. Personnel

| Key Staff | Name | Tel | E-mail | Year(s) in Position | Year(s) at Company |
|--|--|-----------------|--|---------------------|--------------------|
| General Manager | Mr. Mike Wang | 86-755-83151988 | Mike_wang@988pcba.com | 3 | 3 |
| Quality/Technical Manager | Mr. Zou Xinxian | 86-755-83151988 | Zouxinxian@988pcba.com | 3 | 3 |
| Production Manager | Mr. Richin Zhou | 86-755-83151988 | Richin@988pcba.com | 3 | 3 |
| R & D Manager | Mr. Sunnash Chen | 86-755-83151988 | sunnash@988pcba.com | 3 | 3 |
| Health & Safety Officer | Mr. Richin Zhou | 86-755-83151988 | Richin@988pcba.com | 3 | 3 |
| Security Representative/Officer | Mr. Lin Xianbin | 86-755-83151988 | Bruce@988pcba.com | 3 | 3 |
| Equipment Maintenance | Mr. Sun Hongfa | 86-755-83151988 | Richin@988pcba.com | 2 | 2 |
| Others (please specify) | | | | | |
| Does QA/QC Manager have responsibilities other than quality? If "YES", please specify. | <input type="checkbox"/> Y, <input checked="" type="checkbox"/> N N/A | | | | |

| Personnel / Headcount by Department | Department | Full time | Part time | Total |
|-------------------------------------|-----------------------|-----------|------------|-------|
| | Production Department | 60 | | 60 |
| Quality Department | 12 | | 12 | |
| Material Control Department | 10 | | 10 | |
| Purchase Department | 8 | | 8 | |
| HR Department | 2 | | 2 | |
| Engineering Department | 30 | | 30 | |
| Finance Department | 2 | | 2 | |
| GM office | 2 | | 2 | |
| Market Department | 4 | | 4 | |
| Total: | 130 | | 130 | |

| 4. Export Markets | Markets | Total Units Exported (annual) | % of Total Business Volume |
|-------------------|--|-------------------------------|----------------------------|
| | <input checked="" type="checkbox"/> U.S. / North America | 1,290,000 | 30% |
| | <input checked="" type="checkbox"/> E.U. | 2,150,000 | 50% |
| | <input checked="" type="checkbox"/> Asia | 860,000 | 20% |
| | <input type="checkbox"/> Others | | |
| | <input type="checkbox"/> Domestic | | |
| | Annual \$ Volume in (last year) | 1,860,000 USD | |
| | Estimated Annual \$ Volume (this year) | 2,500,000 USD | |

| 5. Key Clients (past 12 months) | Customers | % Business | Type of Products |
|---------------------------------|---------------------------------|------------|------------------|
| | ST Microelectronics HED/CSP/BMS | 40% | PCBA |
| | VIXS (Canda) | 10% | PCBA |
| | ZORAN | 10% | PCBA |
| | | | |
| | | | |

| 6. Product Capabilities (previous 12 months) | Product Description / Category | Production Capacity | | |
|--|--------------------------------|----------------------------------|----------------------|----------------------|
| | | Total Installed capacity (units) | Actual Units Shipped | % Installed Capacity |
| | SMT PCBA | 3,000,000 | 2,800,000 | 93% |
| | Dip PCBA and assembled Boxes | 1,500,000 | 1,500,000 | 100% |
| | | | | #DIV/0! |
| | | | | #DIV/0! |
| | | | | #DIV/0! |
| | | | | #DIV/0! |
| | | | | #DIV/0! |
| | | | | #DIV/0! |
| | | | | #DIV/0! |

| 7. Production Capabilities | | | |
|---|--|----------------|---------------------------|
| How many production lines are in the factory? | | | 4 |
| How many employees are working in each line? | Supervisor: | | 1 |
| | Workers / operators: | | 15 |
| | In-line QC: | | 2 |
| | Helpers: | | 1 |
| | Total per line | 19 X lines = | 76 |
| What is the factory's projected average production capacity per month / year of each line? | monthly | 100,000 pieces | annually 1,200,000 pieces |
| What is the factory's projected average lead time from PO confirmation to production EX WORKS delivery? | days | 7 days | |
| Please describe the factory's production process flow. * see attachments for further detail | SMT, DIP, Wave Soldering, Testing, Assembly, Packing * see attachments for further details | | |
| Does the assessed facility have the correct machinery types and infrastructure to produce the claimed products? | Yes | | |
| Please list out the major machinery / utilities in the factory. | | | |

| List of Major Machinery / Utilities | | | | | | |
|--|-----------------|---------------|----------|-----------|---------|-----------|
| Name of machinery | Type / Model | Specification | Quantity | Year Made | Service | |
| | | | | | Date | Condition |
| SMT machine | YAMAHA-YV100 II | / | 1 set | 2000 | 2008 | Good |
| SMT machine | YAMAHA-YV100 X | / | 1 set | 2000 | 2008 | Good |
| SMT machine | YAMAHA-YV88 II | / | 1 set | 2000 | 2008 | Good |
| SMT machine | YAMAHA-YV88 X | / | 1 set | 2000 | 2008 | Good |
| High-speed SMT machine | PANASONICS | MSH-G3 | 1 set | 2008 | 2008 | Good |
| Reflow oven | JT-AS800 | 16-Zone | 2 sets | 2008 | 2011 | Good |
| Wave soldering machine | WS-450 | / | 2 sets | 2008 | 2011 | Good |
| Drying machine | 101A-1 | / | 2 sets | 2008 | 2008 | Good |
| Cutting machine | CHANGWEI | / | 1 set | 2008 | 2008 | Good |
| Solder printing machine | PT-250 | / | 2 sets | 2008 | 2008 | Good |
| | | | | | | |
| | | | | | | |

If the factory subcontracts any work, please specify the details.

List of Subcontractors

| Name of Subcontractors | Process involved | Address |
|------------------------|------------------|---------|
| N/A | N/A | N/A |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

8. Management Systems and Accreditation

(please attach copies of each)

| Accreditation | | Certifying Body | | |
|----------------------------------|--------------|-----------------|-----------|-----------|
| | | Date | Expiry | |
| ISO 9001 | [X]Y, []N | NQA | 18-Jun-10 | 18-Jun-13 |
| ISO 14001 | []Y, [X]N | | | |
| BRC Standard - Consumer Products | []Y, [X]N | | | |
| SA 8000 | []Y, [X]N | | | |
| WRAP | []Y, [X]N | | | |
| Others (please specify): | Nil | | | |
| | | | | |
| | | | | |

Is product certification done in terms of selling designation

(e.g., UL for US, CCC for China, CE for Europe...) at the factory? []Y, [X]N

if Yes, please specify

| Certifying Body | Date | Expiry |
|-----------------|------|--------|
| N/A | | |
| | | |
| | | |

9. Quality Control Management

Is quality monitored on all relevant line operations? [X]Y, []N

Are QA/QC inspectors independent of production? [X]Y, []N

Who does the QC/QA Manager/Supervisor report to?

Mr. Mike Wang/ General Manager

How many QA/QC in total?

Final: 3

In-line: 6

Are there designated on-line inspection/test areas? [X]Y, []N

Are production inspection records kept? [X]Y, []N

How long?

Half a year

Do inspectors conduct spot-checking in accordance with specifications during In-process or Final inspection? [X]Y, []N

Do you test functionality of product items on sight? [X]Y, []N

Types of Final Inspections

(if no final inspection, please select "No"; if yes please select the type below): [X]Y, []N

100 % Inspection X Y, N

Selected samples Y, X N

If yes, please specify the sampling plan used:

N/A

Are rejected pieces 100 % re-inspected by inspector after repair ?

X Y, N

If the answer above is "No", are the rejected pieces discarded ?

Y, N

10. Factory Development / Expansion Plans













| Item | Factory Development Projects / Actions | Time Frame |
|------|---|------------|
| 1 | Adding new auto solder printing machine. | Apr. 2012 |
| 2 | Updated manual components placement system. | Jun. 2012 |
| 3 | Adding PCBA inspection machine(AOI etc.). | Oct. 2012 |
| | | |
| | | |







Please see the attached annex:

- A. Photos.
- B. Flow chart of manufacturing processes.
- C. Organization chart.
- D. Copy(ies) of Quality Management System Certificate (if any).

Attachment A:

Digital Photo Records

| | | |
|---|---|--|
|  |  |  |
| <p>1) Factory name</p> | <p>2) Factory entrance</p> | <p>3) Raw materials warehouse</p> |
|  |  |  |
| <p>4) Finished goods warehouse</p> | <p>5) Soldering line</p> | <p>6) Wave soldering machine</p> |
|  |  |  |
| <p>7) SMT line</p> | <p>8) Work instruction</p> | <p>9) Reference sample</p> |
|  |  |  |
| <p>10) Testing area</p> | <p>11) In line inspection area</p> | <p>12) Assembly and packing line</p> |

| | | |
|---|---|---|
|  |  |  |
| 13) IQC area | 14) Final inspection area | 15) Product produced in the factory |
|  |  |  |
| 16) Engineering department | 17) Inspection guidelines posted on site | 18) IC materials storage area in raw materials warehouse |
|  |  |  |
| 19) SMT area | 20) Solder printing and SMT machine | 21) BGA machine |
|  |  |  |
| 22) In line testing area | 23) Dip line | 24) QC appearance inspection area |
|  |  | <p style="text-align: center;">Nil</p> |
| 25) Office area | 26) Engineering team | 27) Nil |

Attachment B:

企业法人营业执照

(副本) 副本1
 注册号 440301103206088

| | |
|---------|---|
| 名称 | 深圳市九八八电子有限公司 |
| 住所 | 深圳市福田区梅湾路2号深华科技工业园2号厂房3层303室 |
| 法定代表人姓名 | 王小明 |
| 注册资本 | 100万元 |
| 实收资本 | 100万元 |
| 公司类型 | 有限责任公司 |
| 经营范围 | 电子产品(机顶盒配件)的技术开发、生产与销售(凭深环环批[2011]400186号环保批文经营);国内贸易(法律、行政法规、国务院决定规定在登记前须经批准的项目除外);货物及技术进出口(法律、行政法规规定禁止的项目除外;法律、行政法规规定限制的项目须取得许可证后方可经营)。 |

须知

1. 《企业法人营业执照》是企业法人资格和合法经营的凭证。
2. 《企业法人营业执照》分为正本和副本, 正本和副本具有同等法律效力。
3. 《企业法人营业执照》正本应当置于住所的醒目位置。
4. 《企业法人营业执照》不得伪造、涂改、出租、出借、转让。
5. 登记事项发生变化, 应当向公司登记机关申请变更登记, 换领《企业法人营业执照》。
6. 每年三月一日至六月三十日, 应当参加年度检验。
7. 《企业法人营业执照》被吊销后, 不得开展与清算无关的经营活动。
8. 办理注销登记, 应当交回《企业法人营业执照》正本和副本。
9. 《企业法人营业执照》遗失或者毁坏的, 应当在公司登记机关指定的报刊上声明作废, 申请补领。

年度检验情况

| | | | |
|--|--|--|--|
| | | | |
|--|--|--|--|

成立日期 二〇〇八年三月六日
 营业期限 自二〇〇八年三月六日至二〇一八年三月六日





二〇一一年六月 日

Attachment C:



Attachment D:

深圳市九八八电子有限公司

MFG Flow-Chart



Attachment E:

深圳市九八八电子有限公司

组织结构图 (O-Chart)

