



“ We strive to be a leading provider of precision engineering solutions by emphasizing innovation, creativity and dexterity in serving our customers.”



# NEXUS

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Taman Perindustrian Bayan Lepas,  
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**Contacts:**    **Sales** Mr. T.J. Lee    **Service** Mr. Y.C.Ooi    **Purchasing** Ms Evelyn Yeoh  
                         **Finance** Ms C.C. Lee    **Production & Quality Control** Ms S.L. Lu

## Products

### **Rework**

- Press tools (carbide/steel)
- IC cavity bars
- Trim/Form tools

### **Fabricate**

- Leadframe/connector die parts
- Connector mold inserts
- Trim/Form die inserts

### **Design\* & Build**

- Manual tools for product prototype/small engineering builds.
- Trim/Form/Vision Inspect fully auto machine.

\* The design department is supported by  
**Solidworks** and **Autodesk Inventor**.

### **Clients** (References furnished upon request)

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- Osram
- Texas Instruments
- Molex
- IDS
- PHCP
- Matsushita
- Knowles

## Technical Support



Full Name : **Lee Teong Jin**  
Nationality : Malaysian  
Qualification : Journeyman  
Area of Specialisation : Machining and Technical Solution  
DTFS



Full Name : **Chung Hun Wah**  
Nationality : Malaysian  
Qualification : Journeyman  
Area of Specialisation : Mechanical Design &  
Automated System Retrofitting  
DTFS

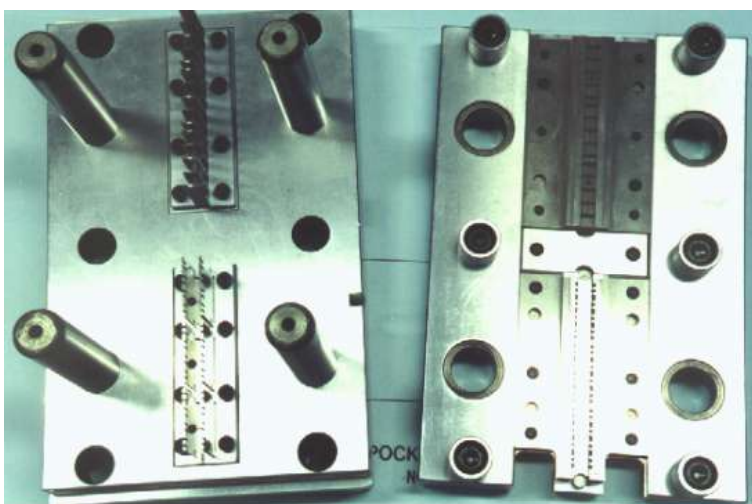
# Our Various Departments



- Planning
- Design



- Production



- Assembly
- Test
- Service



- Quality Control

## Equipment Profile

### **SURFACE GRINDING MACHINES**

3 units "Mitsui" with "Heidenhain DRO"

1 unit "Seedtech" surface grinding machine

### **CARBIDE GRINDING MACHINES**

2 units "Jones & Shipmen" with "Heidenhain DRO" and Speed Inverter

### **PROFILE GRINDING MACHINE**

1 unit "PeTeWe" PFS 30 Optical Profile Grinder

### **WIRE EDM MACHINES**

with microtech cad/cam

1 unit Mitsubishi DWC 90HA (used for rough machining)\*

2 units Mitsubishi SX10

### **EDM MACHINES**

2 units "King Spark" EDM

1 unit "MAXSEE" ZNC EDM

1 unit "Mitsubishi" EA8 (CNC)

1 unit "King Spark" Superdrilling machine\*

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\* Used as support machines

## Equipment Profile (con't)

### **MILLING**

1 unit "King Rich" milling machine\*

### **TURNING**

1 unit "Victor" lathe machine\*

### **FIXTURING**

3R System

### **QUALITY CONTROL EQUIPMENT**

Dial Indicator  
Micrometer (mm)  
Micrometer (inch)  
Digital Caliper  
Block Gauge (mm)  
Block Gauge (inch)  
Height Master  
Hardness Tester  
Pin Gauge (mm)  
Pin Gauge (inch)  
Profile Projector  
3 Point Micrometer

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\* Used as support machines

## Milestones - Year 2000 and Beyond

- 2000**
    - Delivered a complete Semi Auto DTFS System to Siemens Semiconductors (IRM 6401). Currently machine with Vishay Semiconductors.
    - Complete conversion and refurbishment for (4816) Fully Auto System. Currently machine with Vishay Semiconductors.
  - 2001**
    - Delivered 2 units complete Semi Auto DTFS System to Osram Semiconductors (BPW 34S/DIL)
  - 2002**
    - Delivered a D/D Semi Auto System to Osram Semiconductors (SFH 5440)
    - Installed a CNC EDM machine for rework of precision molds. Mitsubishi Model EA8.
  - 2003**
    - Delivered a Semi Auto PCB Singulation to TIM
    - Delivered a 1 up Fully Auto T/F with vision inspect system to Osram Semiconductors (LED)
  - 2004**
    - Delivered 2nd Semi Auto PCB Singulation system to TIM
    - Delivered 2 units Fully Auto reel to reel tie-bar cut machine to Osram Semiconductors
    - Obtained ISO 9001:2000 certification
  - 2005**
    - Delivered a 3rd Semi Auto PCB Singulation System to TIM
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# Registration Certificate



Certificate Number 2505

10 March 2004  
Date of Initial Registration

10 March 2004  
Date of Last Issue

09 March 2007  
Date of Expiry

*This is to certify that the Quality System of*

**Nexus Technology Sdn Bhd**

15 Lintang Bayan Lepas 1  
Taman Perindustrian Bayan Lepas  
Phase 4  
11900 Bayan Lepas  
Penang  
Malaysia

*meets the requirements of ISO 9001: 2000*

*and is registered within the  
BM TRADA Certification scheme for approved Quality Systems*

*The Scope of the approval is as shown in the Schedule*

*The Company agrees to maintain its Quality System to ISO 9001: 2000  
and use the Approved Quality System Mark in accordance with the Regulations*

*Further clarifications regarding the scope of this certificate and the applicability  
of ISO 9001: 2000 requirements may be obtained by consulting the organization.*

*RJ Pt.*

Signed on behalf of BM TRADA Certification Ltd



# Registration Schedule



Certificate Number 2505

<u>Establishment</u>	<u>Address</u>	<u>Number</u>
Nexus Technology Sdn Bhd	15 Lintang Bayan Lepas 1 Taman Perindustrian Bayan Lepas Phase 4 11900 Bayan Lepas Penang Malaysia	002/6128
<u>Scope</u>		
Manufacturing of Automation Equipment and Fabrication of Precision Parts		

*Further clarifications regarding the scope of this certificate and the applicability of ISO 9001: 2000 requirements may be obtained by consulting the organization.*

**10 March 2004**  
**Date of Initial Registration**

**10 March 2004**  
**Date of Last Issue**

**09 March 2007**  
**Date of Expiry**