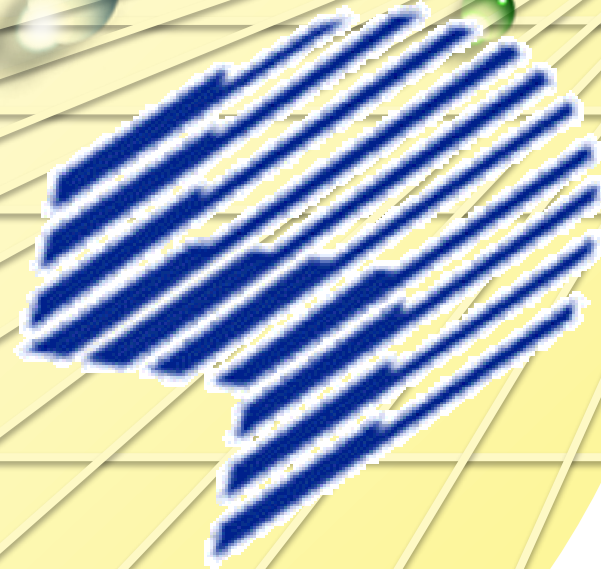


**SEMINAR PENGURUSAN KIMIA EFEKTIF
DAN KOS KOMPETATIF UNTUK PENGURUS,
PEMBEKAL DAN PENGGUNA BAHAN KIMIA
BAGI PERUSAHAAN KECIL DAN
SEDERHANA 2017**

SHINKO ELECTRONICS (M) SDN BHD



SHINKO

SHINKO ELECTRONICS (M) SDN BHD

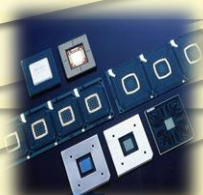
- ❑ Shinko Electronics (Malaysia) Sdn bhd
- ❑ Lot 717A Jalan Serendah 26 / 17, Seksyen 26
P.O.Box 7329, 40400 Shah Alam, Selangor D.E
- ❑ Established 19th. November 1990
- ❑ Product : Stamping Leadframe
- ❑ Land Area ~ 43,400 sqm
- ❑ Floor ~ 22,722 sqm
- ❑ Employees ~ 432 (as of April 2017)
- ❑ Current capacity ~ Approx. 250 kkpcs / mth



PRODUCT And APPLICATION

SHINKO
Group
main
products

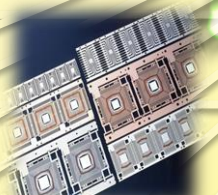
PLP



Tape BGA



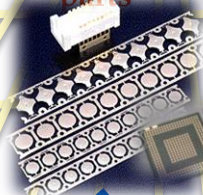
Leadframe



Header



Contact parts



CIS/SIP



Game



PC



Car



Application



Leadframe market for Automotive devices are growing up.



fuel injection ECU



ECU



Air Bag



GPS



LED

Brake sensor
Battery sensor
Fuel sensor
O₂ sensor
Acceleration sensor



Certification, Awards and Recognition

ISO 9001

BUREAU VERITAS
Certification

N° 6001188

Since Year 2003

ISO 14001

BUREAU VERITAS
Certification

N° 6001188-MA

E Since Year 2000



OHSAS 18001

BUREAU VERITAS
Certification

Since 2005



ISO/TS 16949

BUREAU VERITAS
Certification



ISO/TS 16949- Dec 2014

SHINKO & JKKP RELATED COMPLIANCE

FACTORY OSH COMPLIANCE MANAGEMENT

■ JKKP

**SLK 8071, SHO , FMA ,MACHINERY CF ,
3 PMD, 64 PMA, 52 PMT**

■ MINISTRY OF HEALTH

**Poison License
Hazardous chemical**

■ COMPETENT PERSON

**SHO, RPO, RPS, Boilerman, CepSWaM, CePeiTSO,
CePSO, ChargeMan B4,B O**

■ HEALTH MANAGEMENT

**LEV, CHRA, Medical Health Surveillance,
CLASS, Audiometric Test, Noise Mapping**

SHINKO ELECTRONIC (M) SDN BHD



Perkongsian amalan terbaik bagi Pengurusan Kimia

LEVEL OF IMPLEMENTATION OF SOHELP

LEVEL	ERGONOMICS	CHEMICALS
5 (EXCELL-ENT)	<ol style="list-style-type: none"> 1. Full Implementation of Workplace Ergonomic survey 2. No new case of health problem related to ergonomic 3. Implement Ergonomic Promotion 4. Review policy, budget and planning on OSH 	<ol style="list-style-type: none"> 1. Implement all action to be taken stated in the CHRA or SiRAC report 2. No new case of occupational disease related to chemical 3. Implement Chemical Management Promotion 4. Review policy, budget and planning on OSH
4 (ADVANCE)	<ol style="list-style-type: none"> 1. Implement most (50%) action to be taken in the ergonomic survey 2. Reporting/notification of occupational diseases case related to ergonomic 	<ol style="list-style-type: none"> 1. Implement most (50%) action to be taken in the CHRA or SiRAC report 2. Reporting/notification of occupational diseases case related to chemical
3 (INTER-MEDIATE)	<ol style="list-style-type: none"> 1. Conduct Workplace Ergonomic survey 2. Conduct Ergonomics Training to Employee 3. Implementation PPE programme 4. Good record system 	<ol style="list-style-type: none"> 1. Conduct CHRA or SiRAC 2. Conduct information, instruction and training 3. Implementation PPE programme 4. Good record system
2 (BASIC)	<ol style="list-style-type: none"> 1. PIC attended program 2. Provide appropriate warning sign 3. PIC prepare action plan 	<ol style="list-style-type: none"> 1. PIC attended program 2. Provide appropriate warning sign 3. PIC prepare action plan 4. Prepare chemical register 5. Label of CHH & SDS 6. Proper storage of chemicals 7. Emergency Response and Preparedness Programme
1 (ENTRY)	<ol style="list-style-type: none"> 1. Commitment from management to implement program 2. Appointment of person- in-charge (PIC) to implement program 3. Provide a place for workers' meeting & training 4. Provide and maintain basic welfare facility 	

EMPLOYER RESPONSIBILITIES FOR EMPLOYEE WELFARE, SAFETY AND HEALTH

NO	ACTIVITIES/ PROGRAM	RESULTS/ REMARKS
1	Personal Area & Chemical Exposure Monitoring (Cyanide, Inorganic, Lead)	# Exposure level to personal/ area are well BELOW Permissible Exposure Limit # Employee not expose to hazardous chemicals
2	Medical Health Surveillance Program (Mineral Oil, Cyanide, lead)	# 27 Selected employee went to check up their health conditions # 3 employee shows ABNORMAL results but it is not connected with occupational disease
3	Initial Noise Monitoring	# Machinery Workshop, Stamping Production, Stamping Die Tool Maintenance, Recycle, Clean Room classifies as High Noise Area # Employee shall be provided with hearing device & attend Audiometric Test
4	Local Exhaust Ventilation System Monitoring	# 7 LEV system have been checked and monitored # Scrubber 1, Scrubber 2 and Stamping Die Tool Maintenance Room below requirement and Improvement on this system are in progress

SoHELP : LEVEL 5 (CHEMICAL)

REF NO	DESCRIPTION	STATUS
C28	Implement ALL action to be taken in the CHRA report (SDS in Bahasa)	In progress 95% translating SDS to Bahasa
C29	No case of occupational disease related to chemicals	On July 2016, encounter one accident and already report to DOSH Selangor. (human error)
C30	Implement chemical management promotion	Include in OBJT & Target.
C31	Review policy, budget and planning on OSH	In current policy, we already stated management of chemical. Budget for OSH program, training, monitoring and PPE already include.

Chemical Management : Hierarchy of Control



SoHELP : LEVEL 5 (CHEMICAL) Engineering control



LEV and Fume hood-chemical exposure

Electroplating process .
Enclosed machine cover
and fully automatic



SoHELP : LEVEL 5 (CHEMICAL) Engineering control

- FUME HOOD AT ANALYSIS LAB



- FUME HOOD AT CHEMICAL STORE



SoHELP : LEVEL 5 (CHEMICAL) Engineering control



Cyanide Detector – Detect cyanide leakage/ spillage



Enclosure – To control noise and prevent oil mist exposure



Machine guarding

SoHELP ADMINISTRATION CONTROL (Training)

Training on Chemical Safety Handling have been conducted ONCE every two years.



SoHELP ADMINISTRATION CONTROL (Training)



SoHELP ADMINISTRATION CONTROL (Training)



SoHELP ADMINISTRATION CONTROL (Training)



SoHELP ADMINISTRATION CONTROL (Monitoring)



Local Exhaust Ventilation System Monitoring,
Chemical Exposure Monitoring & Medical Health Surveillance
Program conduct annually

SoHELP : LEVEL 5 Hazardous CHEMICAL storage

- LAB ANALYSIS CABINET
 - Lock 24 hours and key control
- CHEMICAL STORE: Lock 24 hours, Acces key CCTV surveillance



SoHELP : LEVEL 5 CHEMICAL Management

- EACH SECTION MUST KEPT THEIR OWN MSDS FOR EACH CHEMICAL USED

- SIGNAGE FOR EMPLOYEE AWARENESS



An abstract graphic featuring a background of parallel, slightly wavy diagonal lines in a light cream color. Overlaid on this background are four translucent green spheres of varying sizes. One sphere is on the left, and three are on the right, arranged in a diagonal line from the top right towards the bottom right. The spheres have highlights and shadows, giving them a three-dimensional appearance.



SoHELP EMERGENCY CONTROL EQUIPMENT

- EMERGENCY SHOWER



- CYANIDE DETECTOR



SoHELP : LEVEL 5 (CHEMICAL) Personal Protective Equipment & Training

Personal Storage
for Protective
Equipment mask
& Google during
off working



INTERACTION WITH GOVERNMENT AGENCIES (PHARMACY, DOSH, DOE, FIRE DEPARTMENT)

GOVERNMENTS	ACTIVITIES	ACHIEVEMENT/ REMARKS
PHARMACY	1.Pharmaceutical Chemical Inspection 2.Compliance with Poison Act 1952	# Comply with all requirements # Continue provide license to Shinko
DOSH	1.Inspection for CF Renewal (PMA, PMT, PMD) 2.New machine installation (Boiler No.3, LPG Gas Piping) 3.Industrial Hygiene Inspection	# No notice or findings found for inspection and new machine. # CF and approval was given. # Shinko have done all control measures
DOE	1.Inspection on Schedule Waste (SW)	# Shinko have competent person responsible for SW # Storage, labelled, documentation, disposal of SW improved /updated
FIRE DEPARTMENT, HAZMAT	1.Fire Certification Renewal 2.Fire, Evacuation & Chemical Spill Drill	# No findings for in inspection of fire certificate renewal # Drill done successfully # Shinko Fire Alarm System upgraded

SoHELP : ADMINISTRATION

CONTROL (Licensing)

Licensing from
Min. of health.
Wholesales
poison license for
hazardous
chemical



POISONS ACT 1952 [Section 26(2)] WHOLESALE'S POISONS LICENCE (Type B Licence)

04.2.2.29

Licence is granted to

NORHAYATI BINTI ISMAIL

(No. KP : 700529025716)

with the business address of

Shinko Electronics (M) Sdn Bhd
Lot PT 717A Jalan Serendah 26/17
Seksyen 26
40400 Shah Alam
Selangor

(a licence may be granted only for one set of premises)

(such person not being engaged or concerned in any business of selling goods by retail)

to import, store and sell by wholesale such poisons (not being Group A Poison) specified as follows:

- | | |
|---|--|
| 1. Ammonia (5% and above) | 2. Boric acid and Sodium Borate |
| 3. Hydrochloric acid (9% and over as HCl) | 4. Hydrogen cyanides; metal cyanides |
| 5. Mercury; organic and inorganic | 6. Nitric Acid (9% w/w and over) |
| 7. Oxalic acid and metallic oxalates | 8. Potassium Hydroxide 12% and over |
| 9. Sodium hydroxide (12% and over) | 10. Sulphuric Acid (9% w/w and over) |
| 11. Thallium; salts of | |

(Item : Eleven (11) only)

subject to the provisions of the Poisons Act 1952 and of any regulations made under it and such other terms and conditions specified in it.

This Licence is valid from..... 30 April 2017 to 31 December 1997

Date : 30 April 2017

Register No. : BB0427/2017

Fee paid : RM100.00

Signed :

Licensing Officer

DATO' DR. HJ. ZAILAN BINTI DATO' HJ. ADNAN (MFM.25292)
Pengerah Kesihatan Negeri
Jabatan Kesihatan Negeri Selangor



ORDINAN RACUN 1952

NO. SIRI: 01795

PERATURAN-PERATURAN RACUN (BAHAN-BAHAN PSIKOTROPIK) 1989

(Peraturan 15(2))

Borang E

PERMIT UNTUK MEMBELI DAN MENGGUNA BAHAN-BAHAN PSIKOTROPIK

No. Permit : BP0001/2017

Menurut peraturan 15(1) Peraturan-Peraturan Racun (Bahan-Bahan Psikotropik) 1989, saya Pegawai Pelesenan dengan ini memberi permit kepada:

Nama : Norhayati Bt Ismail (700529-02-5716)

Nama Syarikat : Shinko Electronics (Malaysia) Sdn Bhd

Alamat Syarikat: Lot Pt 717 A Jalan Serendah 26/17

Seksyen 26

40400 Shah Alam

Selangor Malaysia

Untuk membeli Bahan Psikotropik (bahan-bahan psikotropik) yang berikut dengan tidak melebihi amaun yang dinyatakan :

Bil.	Bahan Psikotropik	Amaun
1.	Thiobarbituric Acid	9000 kilogram

Untuk digunakan hanya bagi maksud :Mencuci lead frame

Dan tertakluk kepada syarat-syarat di muka surat sebelah.

Permit ini adalah sah dari 06 Feb 2017 hingga 05 Feb 2018

Tarikh : 22 Dis 2016


Pegawai Pelesenan

Dato' Dr. Hj. Zailan binti Dato' Hj. Adnan (MPM:25292)
Pengarah Kesihatan Negeri Selangor

SoHELP ADMINISTRATION

CONTROL (Licensing g)

Licensing from Min.
of health.
Wholesales poison
license for
hazardous chemical

SoHELP ADMINISTRATION

CONTROL (Licensing)

Pemeriksaan Jabatan Farmasi KKM

FARUQ KHAN MOHAMMED ALI

06/06/2017 JAM 09.30H - 11.20AM

Pemeriksaan Bkg. Perkhidmatan Farmasi, KKM
terhadap racun-racun bawah kawalan
Farmasi seperti di lesen B dibawah
nama Norhayati Ismail. Pemeriksaan
adalah memuaskan dan perambatkan
boleh dilakukan selanjut perlu.
Kejayaan yang diberikan pihak Shinko
omot memuaskan sepanjang pemeriksaan
di jalankan. Sekian Terima Kasih

SHINKO ELECTRONICS (M) SDN BHD
BAKHTI MOHAMMAD DOLLAH
ASST. MANAGER
Human Resources & Administration

[Signature]


FARUQ KHAN
BKG. PERKHIDMATAN
FARMASI SELANGOR


SHINKO ELECTRONICS (M) SDN BHD
LOT PT 17A, JALAN BERSEKUTAN 50, KUALA SELANGOR
47000 KUALA SELANGOR, SELANGOR
03-2922 2222

12.04.2016

OPERAS USECHH Bil. 1/2016.

- Initial Noise monitoring done on 15.2.2004
- Partial Noise monitoring done on 4 & 27.11.1998
- Add. noise monitoring done on 24.11.2015
- EHRA done on 1.10.2014 & 17.11.2014.
- Audiometric programme done on 3.12.2015
- L.E.V inspection done on 8-10.12.2015
- Chemical Exposure Monitoring done on 10 & 11.6.2015
- Medical surveillance done on 27.04.2015
- To ensure chemical Register updated.


Muhammad Redwan Rasdi
016-3389678


Principal Engineer
019-4977696

SoHELP ADMINISTRATION

CONTROL (Licensing)

USECHH enforcement 2016 JKKP Log book

INTERACTION WITH OTHERS AGENCIES (CUSTOMER, OSH PRACTITIONER, AUDITORS)

AGENCIES	ACTIVITIES	ACHIEVEMENT/ REMARKS
CUSTOMERS (ST MUAR)	Fire Prevention Audit	# Shinko have good fire prevention system # Sharing information toward improvement (Fire Risk Assessment, Gas Detector)
OSH PRACTITION ERS	Conference of Occupational, Safety and Health 2016	# Fostering OSH Culture at Workplace # Sharing information and improvement towards better OSH Culture # Prevention of accident, incident, near miss, LTI # Participation in OSH activities by others
Bureau Veritas Certification (BVC)	OHSAS 18001:2007 2 nd Surveillance Audit	# For improvement and implementation of safety practice # 3 Minor Non-Conformity # ALL NCR have been closed and BVC agree to continue our cert
Tokio Marine	Underwriting Survey	# They satisfied with Shinko current condition, Emergency Preparedness, Security , Health and Safety



MAJLIS NEGARA BAGI KESELAMATAN DAN KESIHATAN PEKERJAAN
(KEMENTERIAN SUMBER MANUSIA)

Sijil Penyertaan

dengan ini disahkan bahawa

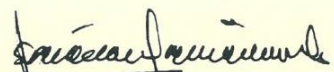
SHINKO ELECTRONICS (MALAYSIA) SDN. BHD.

telah menyertai

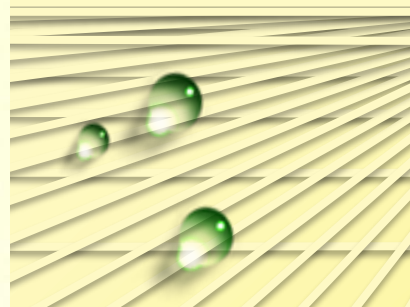
**"SYSTEMATIC OCCUPATIONAL HEALTH
ENHANCEMENT LEVEL PROGRAMME (SoHELP)"**

SoHELP "Enhance Industrial Hygiene"
SoHELP "Memperkasa Higien Industri"




DATO' SRI HAJI ISMAIL BIN HAJI ABD. MUTTALIB
SSAP, DSAP, DIMP, SAP, AAP, JMN, AMP, PKC
Timbalan Menteri Sumber Manusia
Merangkap

Pengerusi Majlis Negara bagi Keselamatan dan Kesihatan Pekerjaan



Sijil Penyeri

JABATAN KESELAMATAN DAN KESII
SELANGOR
(KEMENTERIAN SUMBER MAN

Adalah Dengan Ini Disahkan

BAKHTIAR BIN DOLI
630630-03-5571

Telahi melaksanakan dengan ju

PROGRAM INTERVENSI "SYSTEMATIC OCCUPATIONAL
HEALTH ENHANCEMENT LEVEL PROGRAMME" (SoHELP)
2016

KOMPONEN KIMIA ARAS 4 (8 CEP)



Ir. ZAILEE BIN DOLLAH
Pegarah
Jabatan Keselamatan dan Kesihatan Pekerjaan
Selangor



Sijil Penyertaan

JABATAN KESELAMATAN DAN KESIHATAN PEKERJAAN
SELANGOR
(KEMENTERIAN SUMBER MANUSIA)

Adalah Dengan Ini Disahkan Bahawa

BAKHTIAR BIN DOLLAH
630630-03-5571

Telahi melaksanakan dengan jayanya

PROGRAM INTERVENSI "SYSTEMATIC OCCUPATIONAL
HEALTH ENHANCEMENT LEVEL PROGRAMME" (SoHELP)
2017

KOMPONEN KIMIA ARAS 5 (10 CEP)



Ir. ZAILEE BIN DOLLAH
Pegarah
Jabatan Keselamatan dan Kesihatan Pekerjaan
Selangor

Terima kasih

JKKP SELANGOR / PUTRAJAYA
BIRO KKP Di Perusahaan Kecil & Sederhana
Majlis Negara bagi Keselamatan dan Kesihatan Pekerjaan
SMI