

COMPANY PROFILE



D N K METAL RECOVERY (M) SDN.BHD



Intertek

Rgn No :



014

E995388



Silver Information

Below is some general information about the precious metal; - silver. Read about the many uses of this non-renewable resource and why it is beneficial and important to recycle silver so it can be reused in necessary industries and products.

What is silver?



Silver is a metallic chemical element seen as the symbol after the Latin word Argentum. As early as 3000 B.C., silver has been used by man for its functionality and beauty. The precious metal is mined around the globe with Nevada as the leading state in America, recovering about 33% of all silver mined in the US. Silver comes from a combination of mining silver ore, gold ore, copper ore, lead ore, and zinc ore. As a precious metal, silver was historically important as currency. Next to gold, silver the second most commonly used noble metal for currency during the ancient times. However, since the rarity and demand of silver has increased it is no longer used in currency, and now mainly as investment and industrial commodity.

Silver being an element which is non-renewable, there are no man-made sources of silver. Thus, silver mining cannot sustain itself forever. Hence, it is important to recover as much silver as possible from scrap byproducts and consumer goods to revert back into products which uses silver as raw materials.

What is silver used in?

With its naturally clear white color and high optical reflectivity, silver has been a desirable material. People make jewelry, silverware, electronic equipment, and dental fillings with silver in its metallic form. It also occurs in powdery white (silver nitrate and silver chloride) or dark-gray to black compounds (silver sulfide and silver oxide).

Silver also has the highest thermal and electrical conductivity of all metals, making it very useful in several industrial applications. Listed below are some common uses:

- Photographic Materials
- Electrical Contacts
- Batteries
- Medical X-Ray Film
- Mirrors
- Dental Applications



Why is silver valuable?

Silver is valuable because of its rarity as a precious metal and non-renewable resource coupled with its many uses. We know it as a wonderful conductor of electricity. As such, the metal has intrinsic value in the production of circuits and electronics. Yet, this benefit was entirely irrelevant for most of man's history, and still silver has always been precious. Like The value of silver hasn't always been compared to that of gold. However, considering the countless uses of silver, gold just does not stack up against silver in terms of functionality. There was a point in American history where silver was used in coins instead of nickel, because nickel was in higher demand for making war goods. That is why the melt value of silver coins minted before 1964 have a high silver melt value. Like gold, the intrinsic value of silver must come from something other than these obvious societal uses.





1.1 Introduction

DNK METAL RECOVERY (M) SDN. BHD., was established in 2013 in Selangor, Malaysia, for the purpose of recovery and refining silver from schedule waste. The idea of expanding downstream in the manufacturing of silver grains was mooted by the fact that the country was in dire of proper waste management particularly in the field of waste recycling and recovery.

1.2 Over View

Our company DNK METAL RECOVERY (M) SDN. BHD. aims to recover and to recycle industrial wastes which have high commercial values. However, we require license from the Department of Environment to collect, transport and recover these scheduled waste.

Therefore, with the setting of this proposed recovery plant, many industries which generate such wastes need not bear the costs to dispose off their wastes, nonetheless may instead recover costs of conversion in the form of silver, gold sludge or solution which has high commercial value. Generally, the common precious metal which are recovered from the scheduled waste are gold and silver. The recovered products will be in the form of bars or silver grains with **99.9%** purity.



1.3 Our Mission

In our statement mission, we are targeting Semiconductor companies that provide these silver recovery waste and also to recover at their convenience without the hassle of high cost incurrence and harmful towards the earth an environment friendly place to live in for the present generation and the ones to come.

There are silver recovering activities in Malaysia, but still not widely efficiently practiced. **DNK METAL RECOVERY SDN.BHD.** has the ability to extract from varieties of silver items ranging everything from industrial byproducts to consumer silver. This experience coupled with our extensive refining capabilities allows us to provide our clients with the maximum yield from their silver scrap.

We offer many advantages to our customers including:

- ✚ We are not a middleman or consolidator as we own and operate our facility located here in the Selangor.
- ✚ We have been handling specialty metals and have the expertise to refine precious metals in the most efficient manner by further enhancing the best return we can provide.
- ✚ We are in compliance with all local, state and federal environmental regulations and have been audited by several auditing Companies.
- ✚ We have expert metallurgists on staff experienced in handling all forms of precious metals.
- ✚ All of our refining terms are customized based on the type of material and the quantities, so you get the best deal possible.
- ✚ We offer efficient and honest services for all of our customers.



D N K METAL RECOVERY
SDN.BHD

1.4 Our Product Sample From Schedule Waste 325.



SW 325 silver epoxy.

Silver epoxy is being widely used in semiconductor companies. It is costly due to the current silver price. During manufacturing, the epoxy is being used as fillings or solders on some of the required circuit bond. But not all of the epoxy paste will be used completely. Instead, there will likely be waste left in the tube of the Epoxy due to its hardening nature. These waste tubes will then have to be disposed of.

We on the other hand, shall collect the waste silver epoxy for silver recovery and convert the waste into pure silver grains to supply to our potential buyers. We have since obtained proper Department of Environment SW325 license to recover these waste silver epoxy.



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SW 325 silver epoxy.





SW 325 silver waste.

Tissue and wipes



Gloves



Pet and mesh screen waste





Sw 104

Containers



SW 325 gold waste

- Gold epoxy
- Gold ion exchange resin
- Gold waste wipes and tissue
- Gold waste glove
- Gold waste containers

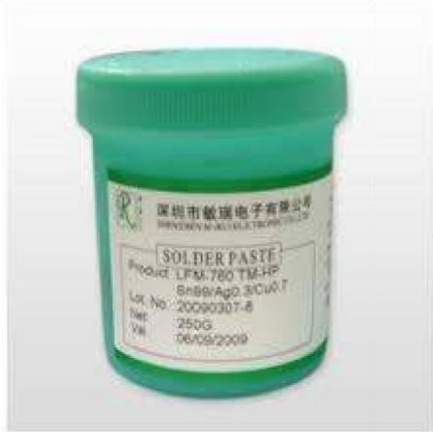


Sw 104

Under the waste code sw 104, we are recovering solder (sn) tin and silver from metal paste waste and metal dross waste such as below sample:

Metal paste waste

Solder paste.



Silver paste.



Metal dross waste

Solder dross



Silver dross





Sw204

Under this waste code sw 204, we are recovering silver and copper from any heavy metal sludge waste such as below:

Silver sludge



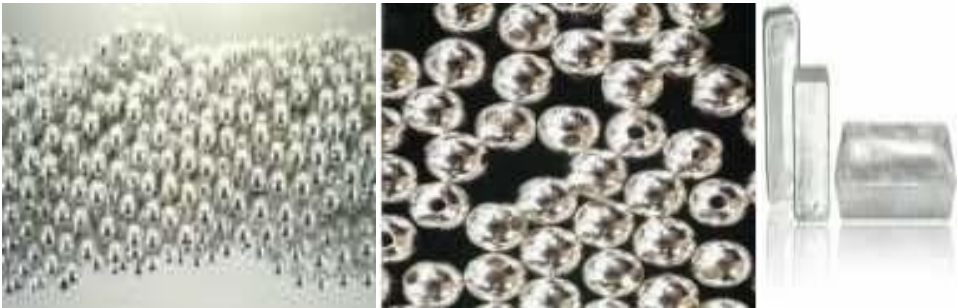
Copper sludge





Our Product Sample After Recovered

Silver grain and bars.



Solder bars



Gold bar





2. Business Strategy

- ✓ With diversification, vertical integration, horizontal integration, organic growth, growth by acquisition towards the Semiconductor facility and plant, we hope to achieve our target to excel and to expand into a global market for silver recovery and refining industry.
- ✓ We are collecting scheduled waste of SW 325, SW 104 and SW 204 for recovery purpose.
- ✓ Buying **PRECIOUS SCHEDULED WASTE** contains of GOLD, SILVER, PALLADIUM, SOLDER, and COPPER for very high price with our price calculation formula.
- ✓ Offering our service at a very low cost for client requires recovery and refinery service according to their needs.
- ✓ Handles transporting, disposing and refining properly according to the terms and conditions of Jabatan Alam Sekitar Malaysia.

Contact us

DNK METAL RECOVERY (M) SDN BHD.
NO 8, JALAN BAGAN NIRA 26/8,
HICOM INDUSTRIAL
PARK, 48400 SHAH
ALAM, SELANGOR.

TEL : +603-5030 7041
H/P : +6016 250 6079 (MR.GARY)
H/P : +6016 666 7331 (MR. MINSON)



**DNK METAL RECOVERY
SDN.BHD**

EMAIL ADDRESS : dnkmetalrecovery@gmail.com

Website : www.dnkmetalrecovery.com

Our Clients

HANWHA Q-CELL MALAYSIA SDN BHD

We are buying SW 325 silver waste as below :

- Tissue wipes
- Gloves
- Screen mesh waste
- containers

UNISEM (M) BERHAD

- Silver epoxy paste
- Silver contaminated rags, tissue& gloves

DYNACRAFT INDUSTRIES SDN BHD

- Silver dross waste
- Gold/Palladium anode plate

NXP SEMICONDUCTOR SDN BHD

- Scrap metal & equipment

ASE ELECTRONICS SDN BHD

- Silver epoxy

CARSEM (M) SDN BHD

- Silver epoxy
- Silver contaminated tissue, rags & gloves



**D N K METAL RECOVERY
SDN.BHD**

OUR LICENSE.



No. 001480

JABATAN ALAM SEKITAR LESEN

SEBAGAIMANA DIKEHENDAKI OLEH SEKSYEN **18(1A)**
AKTA KUALITI ALAM SEKELILING 1974

LESEN ini dikeluarkan di bawah Seksyen 11, Akta Kualiti Alam Sekeliling 1974 kepada **DNK METAL RECOVERY (M) SDN. BHD.**

yang tinggal di **NO. 8, JALAN BAGAN NIRA 26/8
TAMAN PERINDUSTRIAN HICOM, SEKSYEN 26
40400 SHAH ALAM**

Dan memberikuasa kepada pemegang lesen ini untuk
menjadi pembawa yang ditetapkan seperti di atas

yang memerlukan suatu lesen sebagaimana dikehendaki oleh Seksyen **18(1A)** Akta ini.

Lesen ini adalah tertakluk kepada syarat-syarat yang dinyatakan dalam Jadual Pematuhan yang dilampirkan padanya.

Lesen ini berkuatkuasa dari tarikh mula hingga tarikh akhir seperti yang tercatat di belakang melainkan jika dibatalkan atau digantung terdahulu daripada tarikh tamatnya oleh kerana melanggar apa-apa syarat yang dikenakan ke atasnya.

Tarikh **3 MEI 2013**

b.p. Ketua Pengarah Kualiti Alam Sekeliling
SITI ZALEHA BINTI IBRAHIM
PENGARAH
JABATAN ALAM SEKITAR NEGERI SELANGOR

*Sgt ini mengandungi dua (2) mukasurat dan sila lihat muka
sebelah untuk tempoh sah
lesen/pertukaran milikan dan syarikat/rekod pemeriksaan

TARIKH TAMAT TEMPOH DAN BAYARAN-BAYARAN

No. 001

1. Tempoh Lesen	: 3 MEI 2013 – 30 APRIL 2014
Jumlah Bayaran	: RM 100.00
Tarikh/Masa Bayaran	: 24 Mei 2013
Pegawai Bertugas	: Norriahan Mohd Nasir
2. Tempoh Lesen	: 1 MEI 2014 – 30 APRIL 2015
Jumlah Bayaran	: RM 100.00
Tarikh/Masa Bayaran	: 27 Januari 2014
Pegawai Bertugas	: Norriahan Mohd Nasir
3. Tempoh Lesen	: 1 MEI 2015 – 30 APRIL 2016
Jumlah Bayaran	: RM 100.00
Tarikh/Masa Bayaran	: 29 Januari 2015
Pegawai Bertugas	: Norriahan Mohd Nasir
4. Tempoh Lesen	: 1 MEI 2016 – 30 APRIL 2017
Jumlah Bayaran	: RM 100.00
Tarikh/Masa Bayaran	: 26 Februari 2016
Pegawai Bertugas	: Norriahan Mohd Nasir

PERTUKARAN-PERTUKARAN MILIKAN DAN SYARIKAT

	No. K.P./Daf. Niaga/Sykt	Tandatangan Pemunya Berdaftar
	No. K.P./Daf. Niaga/Sykt	Tandatangan Pemunya Berdaftar
	No. K.P./Daf. Niaga/Sykt	Tandatangan Pemunya Berdaftar
	No. K.P./Daf. Niaga/Sykt	Tandatangan Pemunya Berdaftar
	No. K.P./Daf. Niaga/Sykt	Tandatangan Pemunya Berdaftar

REKOD-REKOD PEMERIKSAAN



No. 001479

JABATAN ALAM SEKITAR LESEN

SEBAGAIMANA DIKEHENDAKI OLEH SEKSYEN...**18(1)**
AKTA KUALITI ALAM SEKELILING 1974

LESEN ini dikeluarkan di bawah Seksyen 11, Akta Kualiti Alam Sekeliling 1974 kepada **DNK METAL RECOVERY (M) SDN. BHD.**

yang tinggal di **NO. 8, JALAN BAGAN NIRA 26/8
TAMAN PERINDUSTRIAN HICOM, SEKSYEN 26
40400 SHAH ALAM**

Dan memberikuasa kepada pemegang lesen ini untuk
menduduki atau menggunakan premis yang ditetapkan seperti di atas

- **Kemudahan Pemerolehan Kembali Luar Tapak
Buangan Terjadual**
yang memerlukan suatu lesen sebagaimana dikehendaki oleh Seksyen...**18(1)** Akta ini.

Lesen ini adalah tertakluk kepada syarat-syarat yang dinyatakan dalam Jadual Pematuhan yang dilampirkan padanya.

Lesen ini berkuatkuasa dari tarikh mula hingga tarikh akhir seperti yang tercatat di belakang melainkan jika dibatalkan atau digantung terdahulu daripada tarikh tamatnya oleh kerana melanggar apa-apa syarat yang dikenakan ke atasnya.

Tarikh **3 MEI 2013**

b.p. **Ketua Pengarah Kualiti Alam Sekeliling
SITI ZALEHA BINTI IBRAHIM
PENGARAH
JABATAN ALAM SEKITAR NEGERI SELANGOR**

*Sijil ini mengandungi dua (2) mukasurat dan sila lihat muka sebelah untuk tempoh sah lesen/pertukaran milikan dan syarikat/rekod pemeriksaan

TARIKH TAMAT TEMPOH DAN BAYARAN-BAYARAN

1. Tempoh Lesen : 3 MEI 2013 – 30 APRIL 2014
 Jumlah Bayaran : RM 100.00
 Tarikh/Masa Bayaran : 24 Mei 2013
 Pegawai Bertugas : Norriahan Mohd Nasir

2. Tempoh Lesen : 1 MEI 2014 – 30 APRIL 2015
 Jumlah Bayaran : RM 100.00
 Tarikh/Masa Bayaran : 27 Januari 2014
 Pegawai Bertugas : Norriahan Mohd Nasir

3. Tempoh Lesen : 1 MEI 2016 – 30 APRIL 2016
 Jumlah Bayaran : RM 100.00
 Tarikh/Masa Bayaran : 29 Januari 2015
 Pegawai Bertugas : Norriahan Mohd Nasir

4. Tempoh Lesen : 1 MEI 2016 – 30 APRIL 2017
 Jumlah Bayaran : RM 100.00
 Tarikh/Masa Bayaran : 28 Februari 2016
 Pegawai Bertugas : Norriahan Mohd Nasir

PERTUKARAN-PERTUKARAN MILIKAN DAN SYARIKAT

	No. K.P./Daf. Niaga/Sykt	Tandatangan Pemunya Berdaftar
	No. K.P./Daf. Niaga/Sykt	Tandatangan Pemunya Berdaftar
	No. K.P./Daf. Niaga/Sykt	Tandatangan Pemunya Berdaftar
	No. K.P./Daf. Niaga/Sykt	Tandatangan Pemunya Berdaftar
	No. K.P./Daf. Niaga/Sykt	Tandatangan Pemunya Berdaftar
	No. K.P./Daf. Niaga/Sykt	Tandatangan Pemunya Berdaftar

REKOD-REKOD PEMERIKSAAN

Certificate of Registration

Intertek

This is to certify that the environmental management system of

DNK Metal Recovery (M) Sdn Bhd

*No. 8, Jalan Bagan Nira 26/8, HICOM Industrial Park,
40400 Shah Alam, Selangor Darul Ehsan,
Malaysia*

has been assessed and registered by Intertek as conforming to the requirements of:

ISO 14001:2015

The environmental management system is applicable to the management of the environmental aspects related to:

*Provision of Recovery, Recycling and Reuse of Ferrous and
Non-ferrous Metals, Electrical and Electronic Waste and
Recyclable Materials*

Certificate Number: E995388
Issue Date: 25 October 2016
Certificate Expiry Date: 24 October 2019



014

A handwritten signature in black ink, appearing to read 'Colin Mullovan', positioned above a horizontal line.

Authorised Signature: Colin Mullovan – President, Business Assurance
Intertek Certification Limited, 10A Victory Park, Victory Road,
Derby DE24 8ZF

Intertek Certification Limited is a UKAS accredited body under schedule of accreditation no. 014.

In the issuance of this certificate, Intertek assumes no liability to any party other than to the Client, and then only in accordance with the agreed upon Certification Agreement. This certificate's validity is subject to the organisation maintaining their system in accordance with Intertek's requirements for systems certification. Validity may be confirmed via email at certificate.validation@intertek.com or by scanning the code to the right with a smartphone.



This certificate remains the property of Intertek, to whom it must be returned upon request.

GT-ISO 14001_2015-UKAS-EN-A4-28.aug.16.doc

ASAL

No. 220443



SHO 302.

POLIS DIRAJA MALAYSIA

KETUA SHAH ALAM
KERAH
M NEGERI

SELANGOR.

(Ordinan Peniaga Barang-barang Lusuh No. 21/46)

LESEN BAGI BERNIAGA BARANG-BARANG LUSUH

Kebenaran adalah diberi kepada:

Nama penuh DORAIRAZOO A/L SUBRAMANIAM.

Pekerjaan PENGARAH (NO. KP. 800430-08-6023)

untuk berniaga barang-barang lusuh di* DNK METAL RECOVERY (M) SDN BHD,

No. 5, JALAN BAGAN NIRO 26/8, HYCOM IND. PARK, SHAH ALAM.
tertakluk kepada isi kandungan Undang-undang Peniaga Barang-barang lusuh dan juga kepada apa-apa undang-undang dan perintah-perintah semasa ianya dikuatkuasakan dan juga kepada syarat-syarat berikut:

MENGENALIKAN PERNIAGAAN BARANG-BARANG LUSUH /

TERPAKAI KUALITI PERAK 1/2 TENAGA.

Bayaran dibayar RM 120/-

Tarikh 18. 1. 2017

Berakhir pada 31hb Disember 20..... 19.

(SAMPOL PAZI BIN ZAINOL) INSP.
KEMENTERIAN PELESENAN
IND SHAHALAM
SELANGOR

* Di sini nyatakan alamat tempat yang diberi lesen.

LESEN BESI BURUK











At DNK METAL RECOVERY (M) SDN BHD, we do collect ferrous and non-ferrous metal scrap for higher price such as below:

- Mixed iron scrap
- Mixed copper scrap
- Mixed aluminum scrap
- Mixed steel scrap
- Mixed nickel scrap -
- Mixed solder scrap - Etc.





We are specialized in collecting plastic scrap and carton box too.





We also offer to our client solid, non – scheduled waste, general waste and food waste disposal services at very low and comfortable price with the satisfying services.

