

MALAYSIAN TIN PRODUCTS

NEWSLETTER | QUARTERLY | JANUARY - MARCH 2023



SECRETARIAT ADDRESS

The Malaysian Tin Products
Manufacturers' Association MTPMA
8th Floor, West Block, Wisma Golden Eagle Realty
142-C, Jalan Ampang, 50450 Kuala Lumpur

Tel: 603-21616171
Fax: 603-21616179
Web: www.mtpma.org.my

PRINTED BY

Marzuq Print & Trading
No. 38, Jalan SM1A
Taman Sunway Batu Caves
68100 Batu Caves
Selangor Darul Ehsan

PP 7387 / 01 / 2013 (031914)



NIHON SUPERIOR (M) SDN. BHD.



SUSTAINABLE DEVELOPMENT GOALS

Nihon Superior is undertaking a range of companywide initiatives to achieve 17 goals of SDGs which will lead to a prosperous and vibrant future by 2030.

NSM committed in achieving this direction by implementing various activities and actions.

Installation of Solar Panel



Equipped with various High-Tech Testing facilities, we are committed to provide excellent technical support and services to our customer



JEOL SEM/EDX



GEN3
SOLDERABILITY
TESTER



SHIMADZU ICPS
EMISSION
SPECTROMETER



SHIMADZU
TENSILE
TESTER

PRODUCT LIST

- Solder Bar
- Flux Cored Solder Wire
- Solid Solder Wire
- Solder Paste (Printing Grade)
- Solder Paste (Dispensing Grade)
- Soldering Flux
- Solder Anode
- Solder Spheres
- Solder Preform



Manufacturer Info:

NIHON SUPERIOR (M) SDN. BHD.

Lot 17, Jalan Industri 1, Free Industrial Zone Jelapang II,
30020 Ipoh, Perak, Malaysia.

TEL : +60-(0)5-527-3792

FAX : +60-(0)5-527-3659

Sales Inquiry Info:

NIHON SUPERIOR ASIA SDN. BHD.

TEL : +60-(0)3-7932-5875

FAX : +60-(0)3-7931-5892

Mail : info@nihonsuperior.com.my

THE MALAYSIAN TIN PRODUCTS NEWSLETTER

QUARTERLY | JANUARY - MARCH 2023

MANAGEMENT COMMITTEE 2023/2024

PRESIDENT

Mr C. S. Lim
Selayang Metal Industries Sdn Bhd

VICE PRESIDENT

Mr David Tan
Tumasek Pewter Sdn Bhd

HON. SECRETARY

Mr C. H. Tan
RedRing Solder (M) Sdn Bhd

TREASURER

Mr Chen Tien Yue
Royal Selangor International Sdn Bhd

COMMITTEE MEMBERS

En. Badaruddin Jamal
Perusahaan Sadur Timah
Malaysia (PERSTIMA) Bhd

Mr Koji Tsubono
Senju (M) Sdn Bhd

Mr Yew Wei Aun
Selayang Solder Sdn Bhd

Mr Yuji Kozutsumi
Nihon Superior (M) Sdn Bhd

EDITORIAL SUB-COMMITTEE 2023/2024

Mr C. S. Lim (Convenor)
Mr C. H. Tan
Mr Chen Tien Yue
Mr Yew Wei Aun
Mr Yuji Kozutsumi
En. Badaruddin Jamal
Mr David Tan
Mr Koji Tsubono
Tuan Haji Muhamad Nor Muhamad
En. Ahmad Ashraf Abd Ghafar

TABLE OF CONTENT

4

PRESIDENT'S NOTE

5

NEWS ON ECONOMY

7

NEWS ON SEMICONDUCTOR INDUSTRY

9

NEWS ON ELECTRICAL & ELECTRONICS
INDUSTRY

15

NEWS ON MEMBER PRODUCTS

16

DATA / STATISTICS

22

LIST OF ASSOCIATION MEMBERS

The Malaysian Tin Products Newsletter is published quarterly by the Malaysian Tin Products Manufacturers' Association (MTPMA). The opinions and statements expressed in the Newsletter are not necessarily those of the MTPMA or the Editorial Sub-Committee and neither endorsement nor confirmation are intended or implied.

Letters to the Editor are welcomed. We appreciate your feedback to further improve our editorial content. Please address your letters to:

*The Editor
The Malaysian Tin Products Newsletter
8th Floor, West Block, Wisma Golden Eagle Realty,
142-C, Jalan Ampang
50450 Kuala Lumpur.*

PRESIDENT'S NOTE



LIM CHENG SANG
PRESIDENT
THE MALAYSIAN TIN PRODUCTS
MANUFACTURERS' ASSOCIATION
(MTPMA)

Dear Members,

Welcome to 2023. Let us be grateful and count our blessings as we enter the new year, hoping for a more prosperous and fruitful one.

As we bid goodbye to the year past, let us reflect on what it was. For the tin product manufacturers community, the year 2022 had been a year of mixed blessings, as its first half was marked by the outbreak of geopolitical tensions in Europe due to Russo-Ukraine Crisis and the total lockdown imposed in major cities in China following the outbreak of Covid-19 Omicron variant. These events, coupled with the high and volatile tin prices, and difficulty in sourcing for refined tin metal due to the closure of the Kuala Lumpur Tin Market (KLTM), proved to have a significant impact on the industry. Operational costs were high due to elevated energy prices and freight costs. Demand for E & E products was promising but not up to expectation, and the volatile tin prices made hedging difficult. Nevertheless, we pulled through quite well.

The reopening of international borders are starting to show positive results and business seems to be picking up. The new unity Government is putting in a lot of effort to stabilise the political climate, and hopefully this will be reflected in the national economy.

Bank Negara Malaysia (BNM) had announced that the Gross Domestic Product (GDP) growth for the fourth quarter of 2022 was 7.0%, surpassing the 6.6% predicted by several economists. This would put the annual GDP growth for 2022 at 8.7%. BNM further elaborated that the private sector activity would remain the key driver of growth, supported by continuing strong private consumption and investments.

Be that as it may, the Malaysian economy had a slow start in the first quarter of 2023. Inflation rate had declined to 3.7% in January 2023. The Socio Economic Research Centre (SERC) commented that "After a strong recovery growth of 8.7% in 2022 post Covid-19 pandemic, the Malaysian economy is expected to normalise to an estimated 4.1% in 2023 on a more sustainable pace of private consumption, which made up 60.2% of total GDP in 2022"

As for the tin market, the tin price on the LME has rallied sharply, along with other base metals, from a low of US\$22,800 per tonne in mid-March to US\$25,760 per tonne at the end of the first quarter. The banking crisis in US and Europe triggered a new round of macro-economic volatility, weakening the dollar. Tin supply remained in surplus in China but is tightening elsewhere, with LME stocks down and price moving into backwardation.

On the domestic level, the Prime Minister had launched a new slogan for his administration called "Malaysia Madani" which is based on six core values; sustainability, prosperity, innovation, respect, trust and compassion. These core values will be the driver in tackling three strategic priorities during his administration, which are poverty eradication, economic restructuring, and economic recovery and regeneration. He had also tabled the annual Budget 2023 with the theme of "Belanjawan 2023: Membangun Malaysia MADANI". The budget involved a total allocation of RM388.1 billion, focusing on 12 measures based on three resolutions namely sustainable and inclusive economic drive, institutional and administration reform to rebuild the confidence towards government administration, and social justice to moderate the economic disparity. As the Prime Minister had reaffirmed his commitment towards economy recovery and regeneration during the launching of "Gagasan Malaysia Madani", we hope that members of the association will reap the benefit of these edicts especially in facing the challenging situations ahead.

I wish to conclude this brief message by expressing my special thanks to members for their unwavering support to the Newsletter, particularly through advertisement support, and constructive feedbacks. The Newsletter has played an important role as a platform for publicity, public relations and promotion for the Association. It also serves as an excellent medium for Association members to advertise their companies, products and services at minimal cost. Please do share with us news or articles on developments related to the industry that will be of interest to other members. Your support doubtless benefits all of us immensely. Once again, a happy and prosperous new year to everyone.

With warmest regards,

LIM CHENG SANG
PRESIDENT

NEWS ON ECONOMY

M'sia on Strong Footing to Attract Quality Investments

Malaysia's economy is on a strong footing to attract quality investments, said International Trade and Industry Minister, Tengku Datuk Seri Zafrul Abdul Aziz. In an interview with CNBC yesterday, he said that although challenges still remain due to global economic uncertainties, China's move to reopen its borders next week bodes well for Malaysia, as China is the nation's largest trading partner.

"The move will help our exports and economy. Domestically, efforts focusing on environmental, social and corporate governance (ESG) principles in key sectors, enhancing the ease of doing business, and moving up on the value chain in sectors that we are strong in will also help cushion the impact of global economic headwinds. Malaysia is forecasting a 4% growth in 2023. Our (growth) numbers are looking good, inflation is at 4% and the unemployment rate is at 3.6%," he said. Tengku Zafrul added that Malaysia is expected to register a gross domestic product (GDP) growth of 8.0-9.0% in 2022.

For the first nine months of 2022, the nation's economy expanded by 9.3%, he said, adding that the country registered a 14.2% GDP growth in the third quarter of 2022 amid robust domestic and external demand as well as an improved labour market. He also noted several possible concerns that could affect the global economic growth prospects, namely monetary and fiscal tightening, global tensions such as the Ukraine-Russia war which disrupted supply

chains as well as exporters' capacity in meeting ESG market demands.

The minister said the unity government, led by Prime Minister Datuk Seri Anwar Ibrahim, is very much committed to the nation's participation in the Comprehensive and Progressive Agreement for Trans-Pacific Partnership (CPTPP), which came into effect on Nov 29, 2022 in Malaysia. On the possibility of a re-evaluation of the 11-member trade agreement, Tengku Zafrul said the prime minister himself had signed all the necessary administrative agreements to ensure that exports and imports can continue under the ratified deal.

"There were obviously some issues that were raised by various groups and we have addressed that by taking a number of actions to mitigate some of the concerns, so we are very much committed to participating in it," he added. When asked if the worst is over for the ringgit, which depreciated by 6% in 2022, Tengku Zafrul said he is optimistic that the local currency will continue to strengthen in 2023, given Malaysia's growth forecast for the year.

"I think the key point here is what is going to happen to the US dollar. From my point of view, I think the (US) dollar has reached a comfortable level," he added. - Bernama

Source : Sun Biz, 6 January 2023

GDP Growth to Slow to 4% in 2023: Maybank IB

Malaysia's economic growth, as measured by gross domestic product (GDP), will moderate to 4% in 2023 from the 8% estimated for 2022 - still streets ahead compared with the rest of the world according to Maybank Investment Bank Bhd (Maybank IB). Its chief economist, Suhaimi Ilias, said the forecast for slower GDP growth mainly reflects the slower GDP growth mainly reflects the moderation in domestic demand on the back of weaker expansion in private consumption.

"As the pent-up spending following full economic reopening last year dissipates, compounded by the effects of high inflation and high-interest rates on the cost of living and real disposable income, the outlook for public consumption growth moderates," he said at a virtual media briefing on Maybank IB's 2023 market outlook yesterday.

Meanwhile, global economic in 2023 is set to moderate to 1.7% from just under 3% last year, mainly driven by expected stagnation or recession in major advanced economies, particularly the United States and Europe.

"What's still holding up the global economy after the strong rebound in 2021 is the outlook of improving China's growth to 4% this year from our estimate of 3.3% last year, reflecting the impact from the unwinding of China's zero-Covid-19 policy that will provide some support for the global and especially Asean economies," Suhaimi explained. Asean manufacturing activities are being impacted by global economic conditions. However, taking the cue from Singapore's composite Purchasing Managers' Index (PMI), the Asean economy remains in expansionary mode, albeit

>From Page 5

slower.

"This is supported by the services sector of the economy in line with economic reopening despite challenges being faced by the export-oriented manufacturing sector," he observed. Suhaimi said the downturn of the global economic outlook results in the slumping of exports and imports of goods and service in 2023.

"There is a high correlation between the global composite Purchasing Managers Index and global real GDP. Our view on moderating growth this year

is corroborated by high-frequency indicators like manufacturing PMI which continue to drift lower in November (47.9) and the latest figure for December (47.8)," he said.

In addition, the investment bank said the ringgit is expected to end 2023 higher at 4.05 against the US dollar as sentiment leans positive. It also predicts Bank Negara Malaysia increasing the benchmark interest rate by 25 basis points this year to 3.0%, which will be the fifth consecutive hike since May 2022.

Source : Sun Biz, 6 January 2023

Marc Expects 8.2PC GDP Growth

But weakened fiscal, debt metrics likely to remain sovereign concern

Marc Ratings Bhd expects Malaysia's 2022 gross domestic product (GDP) growth to come in at 8.2 per cent. The rating firm said the economy expanded 9.3 per cent year-on-year in the nine months of last year, 3.2 times the pace in the same period of the previous year.

"Even with GDP growth momentum expected to weaken in the final quarter, we think the full-year GDP growth will come in at an impressive 8.2 per cent. Our latest upgraded forecast is well above the official forecast of 6.5-7.0 per cent," it said in a note.

The growth environment will become more challenging amid the expectation of more global headwinds. Nevertheless, the firm remained optimistic, albeit cautiously, over growth prospects this year given the well-diversified nature of the Malaysian economy and its proven track record of withstanding shocks. It projected GDP growth in 2023 to moderate to 4.2 per cent, near the low end of the official government forecast of 4.0-5.0 percent.

Private consumption growth momentum is expected to slow down to 5.1 per cent this year (2022: 11.1 per cent) along with private investment growth momen-

tum (2023: 2.3 per cent; 2022: 5.7 per cent). The firm sees inflation averaging 2.8 per cent in 2023, the low end of Bank Negara Malaysia's projection of between 2.8 and 3.3 per cent.

"Amid the increasingly precious global backdrop, risks to our GDP growth outlook are inevitably tilted to the downside."

On the domestic fiscal challenges, it said the fiscal deficit to GDP ratio (2023: 5.5 per cent; 2022: 5.8 per cent) could become a permanent feature. Government debt-to-GDP could also consequently continue rising.

"Malaysia's weakened fiscal and debt metrics will thus likely remain a sovereign rating concern, notwithstanding the tapering off of risk of a rating downgrade over the short term given the current progress of its economic recovery. If Malaysia's economic, fiscal and political fault lines are not addressed urgently, it can expect further entrenchment of its vulnerabilities," it added.

Source : New Straits Times, 9 January 2023

GDP in Q4 Likely Grew 8-10PC, Says Expert

The economy may have ended on a strong note last year, with economists expecting the gross domestic product (GDP) to grow as much as 10 per cent for the year. Bank Negara Malaysia will announce the fourth quarter and full-year 2022 GDP growth numbers today. In the third quarter of last year, the economy continued to build on the recovery momentum, delivering an even faster growth of 14.2 per cent compared with 8.9 per cent in the second quarter and five per cent in the first quarter. Overall, the GDP expanded by 9.3 per cent during the first nine months of last year.

"It is expected that with strong, trade and commerce numbers, solid domestic demand and above all investment inflow will have favourable income growth for the last quarter," Juwai IQI chief economist Shan Saeed told the New Straits Times. Juwai IQI estimated the GDP growth in fourth quarter would have meandered around eight to 10 per cent.

"Malaysia's GDP growth stands parallel with top Asean economies," Shan said.

He said the full-year GDP growth for Malaysia this year would likely be between 4.5 and 5.5 per cent, with the domestic demand and investment and trade outlook holding the key for the current year.

"The government is likely to deliver growth numbers and economic outcomes despite the global economic instability and financial fragilities."

Putra Business School Association Prof Dr Ahmed Razman Abdul Latiff expected the country's GDP growth for the fourth quarter of last year to be around 4.5 to 5.0 per cent. He predicted that this year's GDP growth would be around four to six per cent.

Source : New Straits Times, 10 February 2023

NEWS ON

SEMICONDUCTOR INDUSTRY

Chip Industry Outlook Remains Bright, Says Expert

Malaysia's role in the global semiconductor supply chain is invaluable as the country is one of the United States' largest semiconductor trading partners. Semiconductor Industry Association (SIA) president and chief executive officer John Neuffer said Malaysia was also a leader in semiconductor assembly, test, and packaging.

"The Semiconductor Industry Association looks forward to continuing our work with our counterparts in Malaysia to ensure Malaysia and our industry can thrive, innovate, and realise an even brighter, future built on semiconductors," he said.

Speaking after the Malaysia Semiconductor Industry Association (MSIA) and SIA talk and networking

session with MSIA members in George Town, Neuffer said in the 1990s, "the US produced 37% of the world's chips but today, it only generates 10%. The US has not kept pace with the rest of the world and it has seen chip manufacturing growth everywhere in the world except in the US. Chips are designed to make the US competitive and not to replace any country, not to decouple from the world but to be a competitive destination for investment along with countries like Malaysia and many others," he said.

Neuffer noted that the long-term outlook for the semiconductor industry was still bright with the digital transformation of every industry with technologies such as the internet of things (IoT), arti-

> *From Page 7*

cial intelligence and 5G.

"Everyone needs more and more chips with the advanced growth and development of technologies worldwide. The good news here is that the pie will be getting bigger and the pieces of the pie will also get bigger. The future of the industry is bright and the CHIPS Act 2022 is not expected to badly affect the industry's growth especially in countries like Malaysia," he said, although the Work Semiconductor Trade Statistics (WSTS) forecast a decline of 4.1% in the industry this year due to inflation pressures and weaker demand.

The CHIPS Acts prohibits funding recipients from expanding semiconductor manufacturing in China and countries defined by US law as posing a national security threat to the US. MSIA president Datuk Seri Wong Siew Hai, when asked about the recent US semiconductor policy, said, "Although the situation will add another layer of uncertainty to the outlook for the semiconductor industry, there is a window of opportunity for South-East Asian countries especially in Malaysia.

"There will be opportunities to capture investments, business opportunities and sales orders as Malaysia is quite broad based. In cases where US factories in China have to move, we hope the volume will eventually move out to Malaysia," he said.

Wong added that all E&E (Electrical and Electronics) companies, US companies, Chinese companies including Malaysian companies would be assessing the potential impact of the CHIPS Act and US exports control restrictions and how they could mitigate the impact. Wong also urged the E&E industry and the Malaysian government to move quickly to seize these opportunities. Despite Malaysia's Electrical and Electronics (E&E) sector's slower global growth, exports for 2022 was RM593bil, 30% higher than in 2021. Malaysia continues to be an attractive location for E&E companies with 7% of the global market share and 13% global market share for semiconductor assembly, test and packing.

Malaysia has attracted E&E investments of RM186.2bil since January 2020 and some of the investments have started operations with more being operational this year and in 2024. Neuffer and his team from SIA, which is the voice of the US Semiconductor Industry, were in Malaysia to meet with key relevant stakeholders including SIA member companies and those in the E&E community.

MSIA is an industry association which covers individuals and companies incorporated in Malaysia who are involved directly or related to semiconductor industry (electronics and systems), semiconductor industry supply chain, institutions providing significant related services to semiconductor industry such as engineering, finance, legal and those societies, associations, chambers and government-linked agencies.

Source : The Star, 14 February 2023

NEWS ON

ELECTRICAL & ELECTRONICS INDUSTRY

Big Demand for Skilled Workers in E&E Sector

Despite expectations of a global economic slowdown in 2023, a survey shows that almost half of the electrical and electronics (E&E) companies in Malaysia remain focused on recruitment to cope with talent shortages and high turnover rates. Malaysia Semiconductor Industry Association (MSIA) president Datuk Seri Wong Siew Hai pointed out that the talent shortage meant that the majority of respondents in the survey are still struggling to attract new talent (specifically engineers) while more than half of the companies expect to suffer from high employee turnover rates of above 10%.

"This indicates strong continuous demand for high value and highly skilled talent (in the E&E industry)," said Wong at the launch of the inaugural MSIA 2022 E&E Survey yesterday at Malaysian Investment Development Authority. According to Wong, the country is facing a shortage of engineering talent for the two reasons.

"One, the number of students who are pursuing science and engineering is dropping. And, we are losing talent to other countries," he said. Also present were Deputy Minister of International Trade and Industry Liew Chin Tong and Deloitte Consulting (South-East Asia) executive director Jan Thomas Nicholas. The survey, commissioned by MSIA and produced collaboratively with Deloitte Malaysia, featured responses from 93 MSIA members. It was conducted from February to June 2022, followed by a refresher survey in December 2022.

The survey's respondents represent companies with operations in the country as well as headquarters in Malaysia, China, India, Japan, Singapore, Taiwan, Germany, The Netherlands, Norway, Sweden, Switzerland, Canada and the United States. With over 200 members located in 10 states, MSIA members account for over 50% of the country's E&E sector.

MSIA members encompass the entire value-chain ranging from design to chip fabrication and manufacturing, assembly, packing and testing as well as electronic products including solar technology, automotive components, automation equipment, raw materials (including substrates) and global business services.

Meanwhile, regarding market sentiment heading into 2023, half of the survey's respondents expects a decline in orders. However due to the wide variety of E&E product segments, a quarter of respondents still expect an increase in orders. Also, two-thirds of respondents indicated that they are still pushing ahead with capital expenditures and investments as planned. Wong pointed out that the long-term outlook for semiconductors and electronics continue to be extremely bright.

"E&E companies remain focused in recruiting, retaining and developing talent, as well as on supply chain resilience, digitalisation, Industry 4.0 and environmental, social and governance initiatives," he said. Wong added that Malaysia had attracted E&E investments of RM186.2bil since January 2020 (2020-RM15.6bil; 2021-RM148bil; and from January to September 2022-RM22.6bil).

"This reflects the long term prospects of the industry and businesses confidence in Malaysia as a location for semiconductors and electronics. Some of the investments have already started operations and more will be operational in 2023 and 2024," he said. Wong noted that Malaysia is one of the key players in the global semiconductor industry with 7% of the total global semiconductor trade

> Turn to Page 10

> From Page 9

flowing through Malaysia and a 13% global market share in chip testing and packaging.

He added that the E&E industry is a major contributor to Malaysia's economy, and it is the country's biggest export sector with exports of RM593bil in 2022, accounting for 38% of total exports. Wong said the industry also accounts for 78% of Malaysia's external trade surplus of RM255bil, and continues to attract the highest level of investments (foreign and domestic), with a record-breaking investment of RM148bil in 2021, comprising 76% of the country's total investment in the manufacturing sector. The E&E industry employs about 590,000 Malaysians and indirectly provides employment for millions of Malaysian in other industries.

Also, E&E companies generate multiplier effects within the economy with RM23.7bil of payments made to Malaysia-based suppliers in 2021. The survey's respondents identified 12,000 suppliers with annual spending on goods and services of at least RM100,000 while the average estimated annual spend per supplier is RM2mil.

"This is why I refer to the E&E industry as the golden goose of Malaysia. It must be constantly nurtured, so that it remains relevant and competitive," said Wong. He explained that the country's E&E industry has moved beyond just manufacturing, into higher-value and high-skilled activities such as design and development and global business services.

"Malaysia is the regional and global quarters or centre for many of these manufacturing and services activities, with many Malaysians holding global and regional leadership roles," he said. Wong pointed out that the

average monthly salary in the E&E industry is RM6,450 or twice the Malaysian average.

"However, only 0.3% of the E&E workforce hold an advanced degree, indicating potential for further growth," he said.

Wong added that recent semiconductor policy developments in the United States had added another layer of uncertainty to the outlook for the industry.

"Global companies are assessing the potential impact of the United States' CHIPS Act and export controls, and how they can mitigate the impact. There is a window of opportunity for Malaysia to capture investments, business opportunities and sales orders," he said. Wong reiterated that talent has become the number one challenge for the E&E industry in Malaysia.

"Globally, there is a war for talent," he said. Wong said for Malaysia's E&E industry to be globally competitive, there is a need for closer partnerships between government, industry, and universities.

He said the association's proposals include the government providing incentives for critical foreign talent to work in Malaysia, as well as allowing foreign students studying in Malaysia to complement local talent. Other proposals include talent development by industries (such as upskilling and training initiatives) as well as talent development through government initiatives (such as MyBrain scholarships for master's and doctorate degrees).

Source : *The Star*, 22 February 2023

PRODUCING FINEST SOLDERING SOLUTIONS WHILST PROTECTING THE ENVIRONMENT FOR OUR FUTURE GENERATIONS



SELYANG SOLDER SDN. BHD. (172567-K)

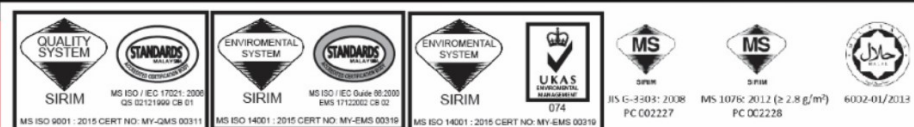
Lot 17491, Taman Selayang Baru Industrial Estate

Batu 8½, Jalan Ipoh, 68100 Batu Caves, Selangor Darul Ehsan Malaysia
Tel : 03-61385301 Fax : 03-61385252





THE MANUFACTURER OF PRIME GRADE TINPLATE & TIN FREE STEEL



www.perstima.com.my

MALAYSIA

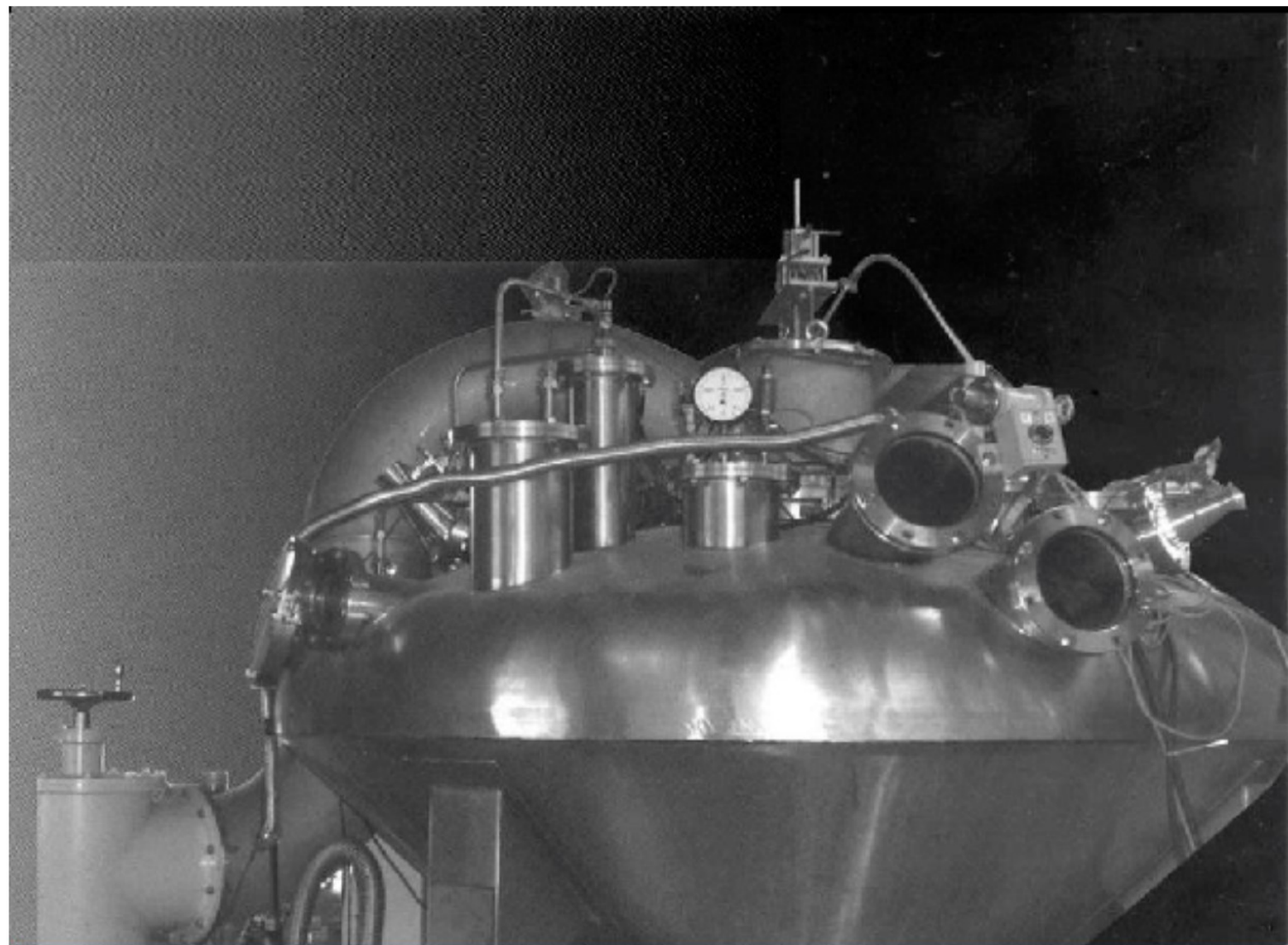
Kuala Lumpur Office
Suite 27-03, 27th Floor,
Menara Keck Seng,
203 Jalan Bukit Bintang,
55100 Kuala Lumpur, Malaysia.
Tel : +60-3-21482793
Fax : +60-7-21484552
Email : sales@perstima.com.my

Pasir Gudang Office
PLO 255, Jalan Timah,
Kawasan Perindustrian
Pasir Gudang, 81700
Pasir Gudang, Johor, Malaysia.
Tel : +6-07-2981222 / 221

OVERSEAS

Vietnam
Perstima (Vietnam) Co., Ltd.
No. 15, VSIP Street 6,
Vietnam Singapore Industrial Park
(VSIP), Thuan An District,
Binh Duong Province, Vietnam.
Tel : +84-0650-3784090
Fax : +84-0650-3782798
Email : sales1@perstima.com.vn
Website : www.perstima.com.vn

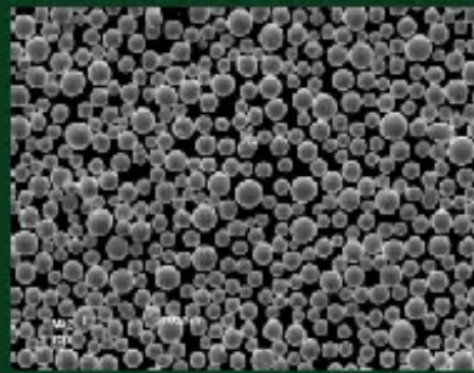
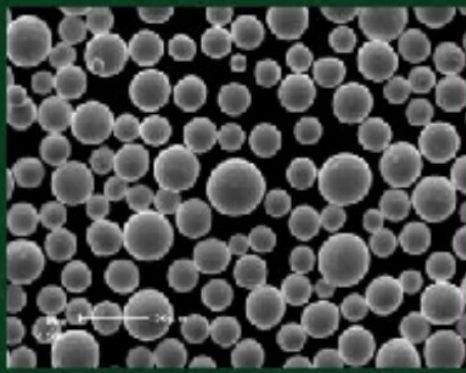
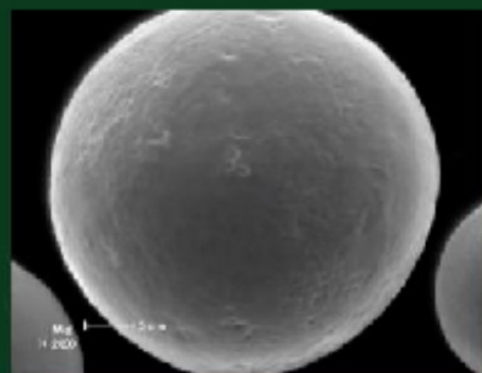
Philippines
Lot 1 Block 9 Mega Drive,
Light Industry &
Science Park IV,
Special Economic Zone,
Brgy. San Fernando,
Malvar Batangas,
4233 Philippines.
Email : mitzy.medalla@perstima.com.ph



SOLDER POWDER はんだ粉

High sphericity, good particle size distribution and very low oxygen level 高い真球度、良好な粒度分布、非常に低い酸素レベル

$O_2 < 100\text{ppm}$



All testing method as per IPC/J-STD standard and Japanese JIS standard



RedRingSolder
www.redringsolder.com

Contact us:

Tel: 603-61385757

Fax: 603-61381010

Email: info@redringsolder.com

NEWS ON MEMBER PRODUCTS

Attracting Good Fortune with Year of Rabbit Collection

Royal Selangor has launched its Years of the Rabbit collection that is inspired by the Chinese zodiac. Folklore tells of the great race called by the Jade Emperor to assign each year in a 12-year cycle to an animal. They were then placed according to the order in which they crossed the river and the rabbit emerged fourth in the race. It is believed that those born in the Year of the Rabbit are creative, compassionate and curious about the world.

The lunar new year collection comprises:

Year of the Rabbit Plaque

The highlight of the collection is a limited-edition plaque featuring two rabbits, gilded in 24K gilt, standing against a repeating wan (10,000 years) longevity pattern and incised in a satin-finish pewter parabolic disc. Stylised waves, rocks and clouds provide a dramatic backdrop in crimson composite resin, lending focus to the golden rabbits. The plaque's prominent disc and rectilinear frame allude to the Chinese concept of the earthly plane and the dome of heaven, with its references to universal harmony. There are only 1,000 individually numbered pieces worldwide. Each includes an engraving plate.

Year of the Rabbit Wealth Bowl

In Chinese geomancy or feng shui, an open bowl attracts good fortune, especially when a gold element surrounds the bowl. These beliefs and needs are met by the bowl's spacious proportions and gold rim. The enthusiastic rabbit hops across, within the 24K gilded central medallion. The bowl comes with a red composite resin display stand, carved with stylised red waves, rocks and clouds.

Year of the Rabbit Figurine

Two 24K gilt rabbits, side by side enthusiastically survey the year ahead. Together, they attract wealth and luck. Both rabbits sit atop a base of crimson composite resin decorated with stylised motifs of waves, rocks and clouds. Engraving plates are available for personalisation.

Year of the Rabbit Seal

The rabbit sculpture, modelled to convey gentleness and curiosity, rests atop a soapstone plinth. The collection can be pre-ordered at Royal Selangor stores and authorised dealers.

Source : The Star, 10 January 2023



MALAYSIAN TIN STATISTICS

(In Tonnes)

Period	Production of Tin-In-Concentrates	Imports of Tin-In-Concentrates	Refined Tin Production	Local Consumption	Exports of Tin Metal
2016	4,158	30,536	26,849	2,238	27,470
2017	3,894	29,866	27,211	2,707	27,147
2018	3,868	27,450	27,115	1,964	27,342
2019	3,611	25,644	24,387	1,441	24,418
2020	2,963	22,288	22,367	1,512	22,597
2021	3,013	322	16,634	1,156	16,441
2022*	3,517	18,043	19,442	1,152	19,299
2019					
Jan.	325	2,169	1,887	125	2,205
Feb.	278	1,700	1,912	99	1,694
Mar.	324	2,263	2,169	134	2,195
Apr.	301	2,090	2,145	125	2,097
May.	282	1,842	1,836	145	1,891
Jun.	213	2,393	1,536	129	1,630
Jul.	263	2,393	2,491	144	2,347
Aug.	299	2,381	2,476	122	2,257
Sep.	320	1,998	2,234	111	1,886
Oct.	312	2,506	1,478	111	1,790
Nov.	323	2,147	2,137	105	2,086
Dec.	356	1,762	2,086	91	2,340
2020	3,596	25,644	24,387	1,441	24,418
Jan.	289	2,136	2,314	93	2,180
Feb.	266	1,449	1,880	119	2,226
Mar.	162	1,105	1,228	71	1,191
Apr.	36	1,198	1,110	75	933
May.	252	2,187	1,344	99	1,516
Jun.	278	1,927	1,926	190	1,644
Jul.	272	1,972	1,819	150	2,240
Aug.	277	2,785	2,672	151	2,290
Sep.	292	2,398	2,057	138	2,198
Oct.	295	1,565	2,078	146	2,126
Nov.	272	1,536	1,974	125	2,108
Dec.	272	2,030	1,965	155	1,945
2021					
Jan.	278	28	1,639	145	1,770
Feb.	257	29	1,847	70	1,765
Mar.	290	46	2,041	113	1,982
Apr.	294	47	1,680	115	1,836
May.	262	26	1,861	91	1,638
Jun.	44	0	695	86	894
Jul.	204	21	973	84	507
Aug.	233	19	1,115	86	1,085
Sep.	262	59	1,221	85	1,599
Oct.	292	16	1,349	98	1,165
Nov.	270	10	1,086	91	1,172
Dec.	294	21	1,127	92	1,028
2022*					
Jan.	234	1,173	1,332	106	1,305
Feb.	252	1,162	1,160	108	1,017
Mar.	306	1,258	1,653	89	1,659
Apr.	273	1,511	1,417	117	1,431
May	276	1,660	1,143	82	1,333
Jun.	285	1,729	1,730	76	1,481
Jul.	303	1,475	1,886	100	1,494
Aug.	338	1,397	2,211	94	2,402
Sep.	325	1,313	1,592	83	1,948
Oct.	322	1,842	1,692	82	1,431
Nov.	271	1,454	1,702	117	1,622
Dec.	331	2,069	1,924	98	2,176
*	: Preliminary				
Sources	: Department of Mineral and Geoscience Malaysia Malaysia Smelting Corporation Bhd.				

MALAYSIA'S DOMESTIC TIN CONSUMPTION

(In Tonnes)

PERIOD	TOTAL CONSUMPTION	SOLDER *	TINPLATE	PEWTER	OTHERS *
2016	2,238	1,314	750	86	88
2017	2,707	1,348	737	63	559
2018	1,964	1,019	759	39	147
2019	1,441	695	639	19	88
2020	1,512	738	626	8	140
2021	1,156	395	710	6	45
2022	1,152	400	639	9	104
2020					
Jan.	93	40	48	0	5
Feb.	119	62	52	0	5
Mar.	71	22	45	0	4
Apr.	75	19	53	0	3
May	99	49	44	0	6
Jun.	190	74	67	3	46
Jul.	150	84	55	3	8
Aug.	151	49	65	0	37
Sep.	138	85	46	0	7
Oct.	146	77	59	0	10
Nov.	125	78	40	2	5
Dec.	155	99	52	0	4
2021					
Jan.	145	73	66	1	5
Feb.	70	30	37	0	3
Mar.	113	40	68	0	5
Apr.	115	39	68	1	7
May	91	40	46	0	5
Jun.	86	29	50	0	7
Jul.	84	20	64	0	0
Aug.	86	25	57	0	4
Sep.	85	30	53	2	0
Oct.	98	29	69	0	0
Nov.	91	20	69	2	0
Dec.	92	20	63	0	9
2022					
Jan.	106	27	56	0	23
Feb.	108	35	69	1	3
Mar.	89	24	58	1	6
Apr.	117	39	67	1	10
May	82	24	54	0	4
Jun.	76	20	50	0	6
Jul.	100	25	62	2	11
Aug.	94	30	54	0	10
Sep.	83	40	35	1	7
Oct.	82	30	41	1	10
Nov.	117	57	50	1	9
Dec.	98	49	43	1	5
2023**					
Jan.	n.y.a	n.y.a	31	n.y.a	n.y.a
Feb.	n.y.a	n.y.a	40	n.y.a	n.y.a
Mar.	n.y.a	n.y.a	29	n.y.a	n.y.a

*

The figures include high-grade tin (99.9% Sn) imported for consumption.

**

Preliminary.

n.y.a

not yet available

Sources

Malaysia Smelting Corporation Bhd
Perstima Bhd

Note

Local consumption of tin metal refers to the use of tin in a particular application.
Sales to manufacturing industries have been used as proxy for consumption except
in the case of manufacture of tinplate which are actual tin consumption data.

WORLD STOCKS OF REFINED TIN

(In Tonnes at Period End)

Period	LME Stock	Total Country Stocks	US Strategic Stockpile
2017	2,235	19,245	4,020
2018	2,165	16,790	4,020
2019	7,130	23,217	4,020
2020	1,890	22,129	4,020
2021	2,045	21,737	4,020
2019			
Jan.	1,845	16,439	4,020
Feb.	1,325	16,552	4,020
Mar.	950	22,333	4,020
Apr.	890	23,132	4,020
May	2,810	23,083	4,020
Jun.	6,045	23,524	4,020
Jul.	4,640	23,524	4,020
Aug.	6,830	23,449	4,020
Sep.	6,620	23,017	4,020
Oct.	6,020	23,104	4,020
Nov.	6,235	23,217	4,020
Dec.	7,130	23,217	4,020
2020			
Jan.	6,630	22,546	4,020
Feb.	7,440	22,431	4,020
Mar.	6,205	22,211	4,020
Apr.	5,375	22,094	4,020
May	2,455	22,183	4,020
Jun.	4,230	22,330	4,020
Jul.	3,675	22,268	4,020
Aug.	5,040	22,143	4,020
Sep.	5,550	22,480	4,020
Oct.	4,533	22,398	4,020
Nov.	3,805	22,290	4,020
Dec.	1,890	22,129	4,020
2021			
Jan.	820	22,366	4,020
Feb.	1,745	23,044	4,020
Mar.	1,740	21,579	4,020
Apr.	1,245	21,589	4,020
May	755	21,589	4,020
Jun.	2,015	21,539	4,020
Jul.	2,290	21,499	4,020
Aug.	1,395	21,487	4,020
Sep.	1,235	21,508	4,020
Oct.	670	21,508	4,020
Nov.	1,285	21,508	4,020
Dec.	2,045	21,737	4,020
2022			
Jan.	2,390	22,051	4,020
Feb.	2,245	22,076	4,020
Mar.	2,000	21,941	4,020
Apr.	2,010	22,267	4,020
May	1,990	22,248	4,020
Jun.	2,765	22,352	4,020
Jul.	3,330	21,827	4,020
Aug.	4,065	21,787	4,020
Sep.	9,440	21,827	4,020
Oct.	4,255	21,857	4,020
Nov.	2,930	21,827	4,020
Dec.	2,880	n.y.a	4,020

n.y.a : not yet available

Source : World Bureau of Metal Statistics

KLTM & LME TIN PRICES

	KLTM			LME CASH
	Average Price (*)		Total Turnover	Average Price
	(USD / Tonne)	(RM / Kg)	(Tonnes)	(USD / Tonne)
2017	20,029	86.12	8,890	20,098
2018	20,151	80.99	9,075	20,168
2019	19,168	79.11	6,445	18,671
2020	17,504	72.97	4,088	17,134
2021	26,589	108.88	1,955	32,584
2022	41,007	171.75	21	31,384
2019				
Jan	20,417	84.05	719	20,480
Feb	21,268	86.67	628	21,268
Mar	21,317	86.95	1,046	21,444
Apr	20,528	84.48	833	20,684
May	19,394	80.85	388	19,531
Jun	19,065	79.34	344	19,177
Jul	18,074	74.55	416	17,991
Aug	16,532	69.22	422	16,577
Sep	16,730	70.05	392	16,840
Oct	16,562	69.34	464	16,603
Nov	16,624	69.11	417	16,369
Dec	16,883	70	376	17,093
2020				
Jan	17,014	69.42	406	17,056
Feb	16,536	68.85	354	16,457
Mar	16,417	69.47	236	15,321
Apr	CLOSED	CLOSED	CLOSED	15,039
May	15,110	65.65	268	15,410
Jun	16,605	71.03	374	16,806
Jul	17,287	73.79	358	17,452
Aug	17,515	73.47	343	17,672
Sep	17,846	74.12	444	17,946
Oct	18,026	74.9	383	18,154
Nov	18,433	75.84	413	18,568
Dec	19,693	79.9	509	19,727
2021				
Jan	22,085	89.25	314	21,955
Feb	25,965	105.05	456	26,717
Mar	26,162	107.64	494	27,396
Apr	27,106	111.89	327	28,427
May	31,132	128.61	298	32,524
Jun	31,857	131.49	61	32,678
Jul	CLOSED	CLOSED	CLOSED	34,183
Aug	CLOSED	CLOSED	CLOSED	35,205
Sep	CLOSED	CLOSED	CLOSED	35,048
Oct	CLOSED	CLOSED	CLOSED	37,962
Nov	CLOSED	CLOSED	CLOSED	39,333
Dec	39,500	166.58	5	39,574
2022				
Jan	41,007	171.75	21	41,807
Feb	N.T	N.T	N.T	44,118
Mar	N.T	N.T	N.T	44,249
Apr	N.T	N.T	N.T	43,122
May	N.T	N.T	N.T	35,945
Jun	N.T	N.T	N.T	31,777
Jul	N.T	N.T	N.T	25,173
Aug	N.T	N.T	N.T	24,520
Sep	N.T	N.T	N.T	21,258
Oct	N.T	N.T	N.T	19,406
Nov	N.T	N.T	N.T	21,136
Dec	N.T	N.T	N.T	24,099
2023				
Jan	N.T	N.T	N.T	28,081
Feb	N.T	N.T	N.T	27,070
Mar	N.T	N.T	N.T	24,014

Note : As from 1 February 2001, KLTM price is quoted in US Dollar
 (*) KLTM's monthly average price is arrived at on a weighted average
 against total tonnage basis.
 Malaysian Ringgit to US Dollar exchange rate was unpegged on 22.8.2005
 N.T : No Transaction

LEAD			COPPER			SILVER	
LME PRICES & STOCKS			LME PRICES & STOCKS			LONDON SPOT PRICES	
	Cash Settlement (US\$ / Tonne)	Stocks Period End (Tonnes)		Cash Settlement (US\$ / Tonne)	Stocks Period End (Tonnes)		London Spot (US Cents / Troy Oz)
2019	1,899.25	66,200	2019	6,062.43	144,675	2019	1,711.00
2020	2,018.60	133,175	2020	7,755.24	105,800	2020	2,488.74
2021	2,304.79	54,375	2021	9,550.31	88,725	2021	2,246.81
2022	2,212.48	24,283	2022	8,367.23	84,804	2022	2,318.06
2019			2019			2019	
Jan	1,994.16	72,450	Jan	5,932.02	149,950	Jan	1,559.00
Feb	2,062.08	76,875	Feb	6,278.20	126,100	Feb	1,580.00
Mar	2,054.57	78,750	Mar	6,451.02	168,525	Mar	1,532.00
Apr	1,948.85	74,425	Apr	6,445.10	225,925	Apr	1,504.00
May	1,817.21	69,400	May	6,028.31	211,800	May	1,463.00
Jun	1,891.50	65,750	Jun	5,868.43	240,900	Jun	1,500.00
Jul	1,974.02	78,500	Jul	5,939.85	287,800	Jul	1,575.00
Aug	2,043.19	77,525	Aug	5,707.98	335,850	Aug	1,714.00
Sep	2,070.86	69,500	Sep	5,745.48	258,775	Sep	1,817.00
Oct	2,184.30	70,075	Oct	5,742.89	255,025	Oct	1,762.00
Nov	2,031.90	67,125	Nov	5,859.69	208,525	Nov	1,718.00
Dec	1,899.25	66,200	Dec	6,062.43	144,675	Dec	1,711.00
2020			2020			2020	
Jan	1,925.16	66,800	Jan	6,049.20	179,800	Jan	1,796.50
Feb	1,872.30	68,100	Feb	5,686.45	216,950	Feb	1,792.20
Mar	1,744.64	70,900	Mar	5,178.68	221,200	Mar	1,491.82
Apr	1,651.53	73,650	Apr	5,048.25	251,475	Apr	1,504.55
May	1,618.16	75,825	May	5,233.82	255,725	May	1,623.24
Jun	1,739.86	66,500	Jun	5,742.39	213,325	Jun	1,771.98
Jul	1,812.15	118,150	Jul	6,353.76	126,675	Jul	2,040.50
Aug	1,935.20	124,900	Aug	6,496.70	88,250	Aug	2,686.25
Sep	1,881.36	137,000	Sep	6,712.41	163,125	Sep	2,588.61
Oct	1,777.07	124,400	Oct	6,702.77	169,600	Oct	2,429.84
Nov	1,914.48	112,700	Nov	7,063.43	149,925	Nov	2,404.33
Dec	2,018.60	133,175	Dec	7,755.24	105,800	Dec	2,488.74
2021			2021			2021	
Jan	2,214.93	96,775	Jan	7,970.50	74,275	Jan	2,592.84
Feb	2,085.75	94,625	Feb	8,460.25	74,200	Feb	2,734.60
Mar	1,960.76	119,550	Mar	9,004.98	143,775	Mar	2,561.35
Apr	2,006.33	110,575	Apr	9,335.55	137,400	Apr	2,564.03
May	2,185.92	97,325	May	10,183.97	120,700	May	2,746.32
Jun	2,188.98	80,250	Jun	9,612.43	211,975	Jun	2,698.16
Jul	2,336.98	59,750	Jul	9,433.59	238,650	Jul	2,575.32
Aug	2,428.52	52,250	Aug	9,357.19	252,725	Aug	2,401.64
Sep	2,257.25	51,000	Sep	9,324.07	217,175	Sep	2,330.73
Oct	2,339.45	55,000	Oct	9,778.50	131,300	Oct	2,329.64
Nov	2,347.57	56,775	Nov	9,765.48	78,625	Nov	2,419.64
Dec	2,304.79	54,375	Dec	9,550.31	88,725	Dec	2,246.81
2022			2022			2022	
Jan	2,342.70	54,006	Jan	9,775.93	90,478	Jan	2,312.85
Feb	2,299.90	49,196	Feb	9,941.35	76,775	Feb	2,346.50
Mar	2,359.48	39,846	Mar	10,237.59	77,259	Mar	2,524.02
Apr	2,396.74	39,355	Apr	10,183.13	118,741	Apr	2,454.11
May	2,145.17	38,485	May	9,362.81	168,371	May	2,190.55
Jun	2,067.38	39,141	Jun	9,033.13	121,468	Jun	2,149.03
Jul	1,976.26	39,324	Jul	7,529.79	132,827	Jul	1,907.62
Aug	2,077.91	38,599	Aug	7,960.98	126,592	Aug	1,975.00
Sep	1,874.45	35,047	Sep	7,734.70	114,064	Sep	1,883.57
Oct	1,988.10	30,148	Oct	7,621.21	137,107	Oct	1,936.31
Nov	2,099.39	27,207	Nov	8,029.95	89,600	Nov	2,099.89
Dec	2,212.48	24,283	Dec	8,367.23	84,804	Dec	2,318.06
2023			2023			2023	
Jan	2,208.17	22,052	Jan	8,999.79	81,888	Jan	2,374.81
Feb	2,098.90	23,170	Feb	8,955.20	65,944	Feb	2,200.95
Mar	2,114.78	25,477	Mar	8,835.72	71,398	Mar	2,191.65

Source : London Metal Exchange

STANLOY®



Specialty anodes in lead and tin

- ▶ Extruded wave anodes
- ▶ Extruded solid round anodes
- ▶ Extruded hollow round lead anodes
- ▶ Cored anodes
- ▶ 12-point extruded solid star anodes
- ▶ 12-point extruded hollow star anodes
- ▶ Extruded octagonal section anodes

Small parts in lead and tin

- ▶ Metering and security seals
- ▶ Diving weights

Pewter alloys

Chemical service

- ▶ Extruded lead coils and pipes
- ▶ Bearing / anti-friction metals

Lead acid battery components

- ▶ Battery terminals
- ▶ Lead oxides
- ▶ Lead burning sticks
- ▶ Extruded cooling coils
- ▶ Busbars
- ▶ 12-point extruded hollow star anodes
- ▶ Extruded octagonal section anodes

Radiation containment

- ▶ Radioactive isotope containers
- ▶ Lead bricks
- ▶ Radiation protection doors and mobile shields

Sailboat / yacht accessories

- ▶ Boat keels / bulbs

MATERIAL AVAILABILITY

All our casting and extruded products are produced from high purity materials and are available in the following chemical composition: -

- ▶ Pure lead of 99.97% minimum
- ▶ Antimonial lead alloys of up to 6% antimony content
- ▶ Pure tin of 99.85% and its alloys

SELAYANG METAL INDUSTRIES SDN. BHD.(64855-U)

**LOT 17519A, TAMAN SELAYANG BARU INDUSTRIAL ESTATE, BATU 8 1/2 JALAN IPOH.
68100 BATU CAVES, SELANGOR DARUL EHSAN.**

TEL: +603-61386724 +603-61380330 FAX: +603-61365355

EMAIL: biz@selayang-metal.com

ASSOCIATION MEMBERS

Currently, the Association comprises one associate and 13 ordinary members covering the three main sectors of Malaysia's tin-based products manufacturing industry, namely the tinsplate, solder and pewter sectors as listed below:

ORDINARY MEMBERS:

TINPLATE

Perusahaan Sadur Timah Malaysia Bhd (PERSTIMA)

SOLDER

Nihon Superior (M) Sdn Bhd
Premium Metal Sdn Bhd
RedRing Solder (M) Sdn Bhd
Rian Resources Sdn Bhd
Selayang Metal Industries Sdn Bhd
Selayang Solder Sdn Bhd
Senju (M) Sdn Bhd
Shen Mao Solder (M) Sdn Bhd

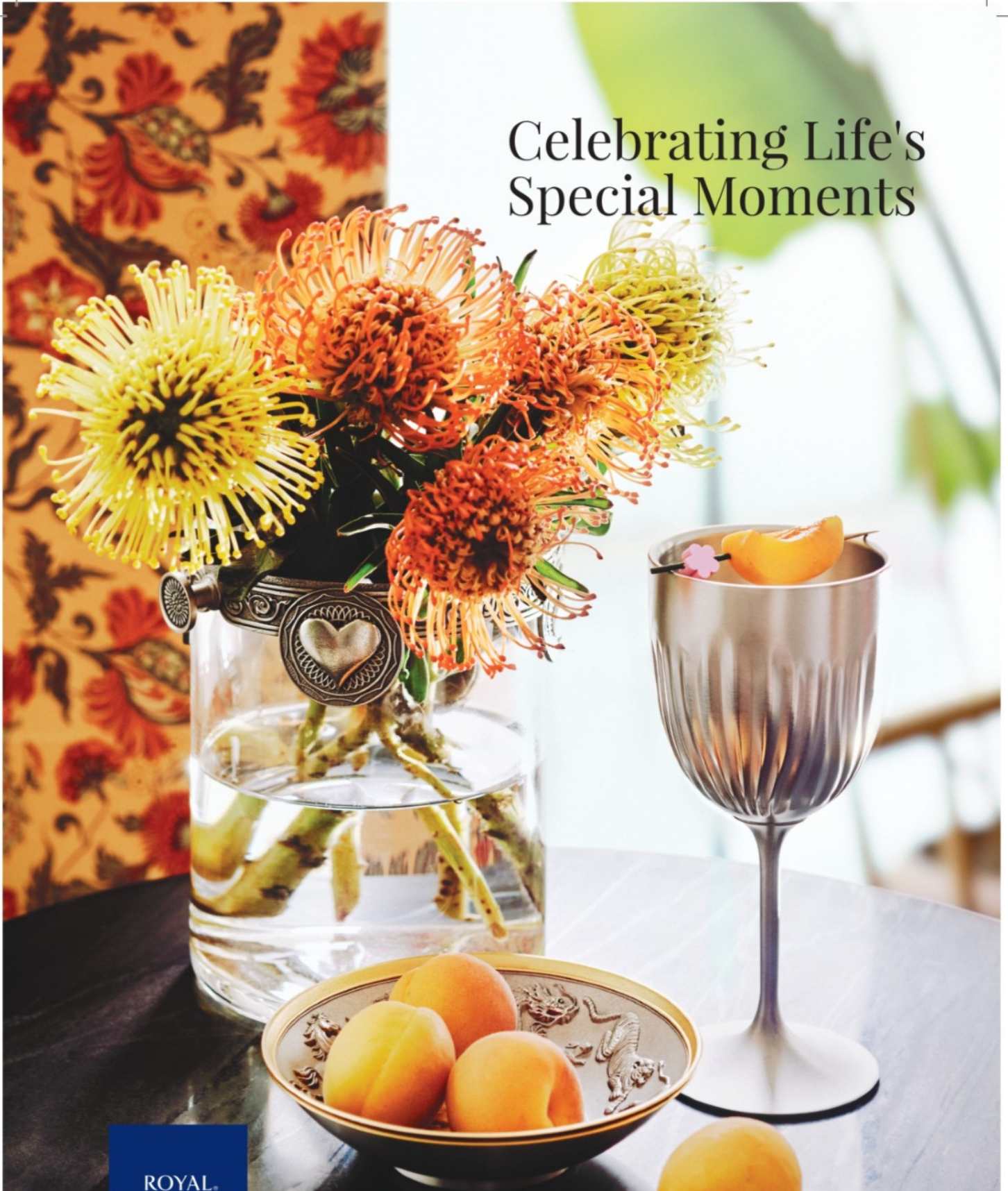
PEWTER

Oriental Pewter Sdn Bhd
Royal Selangor International Sdn Bhd
Selwin Pewter Sdn Bhd
Tumasek Pewter Sdn Bhd

ASSOCIATE MEMBERS:

Malaysia Smelting Corporation Bhd

Celebrating Life's Special Moments

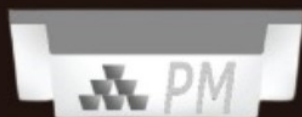


ROYAL[®]
SELANGOR

Royal Selangor Visitor Centre

4, Jalan Usahawan 6, Setapak Jaya, 53300, Kuala Lumpur, Malaysia
603 4145 6000 / visitorcentre@royalselangor.com

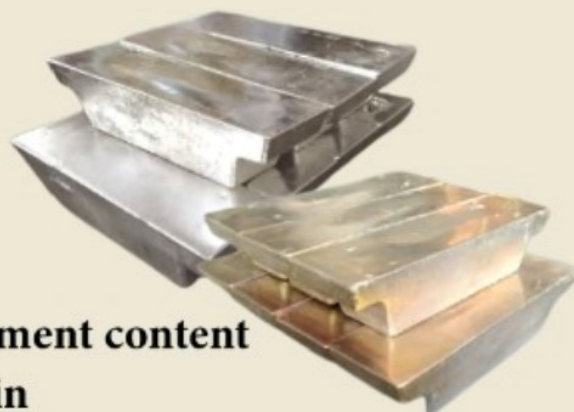
royalselangor.com



PREMIUM METAL SDN BHD

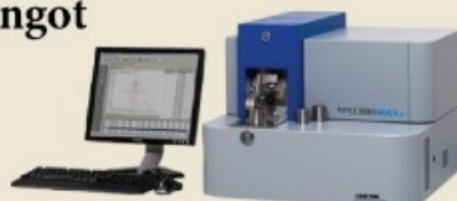
SERVICES PROVIDED

- Collect tin scrap and secondary waste
- Re-melt into solid metal
- To refine and remove impurities
- We have facility to check and analyse element content
- To recycle and refine tin waste become tin alloy ingot for reuse purpose



TIN ALLOY INGOT AVAILABILITY

- Tin / Lead Ingot
- Tin / Copper Ingot
- Tin / Copper / Silver Ingot
- Tin / Silver Ingot



PREMIUM METAL SDN BHD

(1159072-v)

Setia Business Park II
36, Jalan Perniagaan Setia 6, Jalan Perniagaan Setia,
81100 Johor Bahru, Johor, Malaysia.

TEL: +607-5506363

EMAIL: premiummetalsdnbhd@gmail.com

