



## PRESS METAL BERHAD

(Company No. 153208-W)

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### ***Office, Factory and Corporate Office***

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On 13 May 1986, Press Metal Berhad was incorporated under the name of Press Metal Aluminium Industries Sdn Bhd. It was converted into a public listed company on 21 January 1993 and subsequently listed on the Second Board of the Kuala Lumpur Stock Exchange on 4 August 1993. The Company's listing and quotation of its entire issued and paid-up share capital was transferred to the Main Board of the Kuala Lumpur Stock Exchange on 11 August 1999.



## PRESS METAL BERHAD

When Press Metal was listed in 1993, it had only two subsidiaries. It now has a stable of 11 subsidiaries with activities ranging from trading, contracting, fabricating and installation of aluminium and stainless steel products, curtain wall cladding system, project and property development and environmental engineering. The factory in Jalan Kapar, Klang is equipped with modern equipment, which is constantly being upgraded to achieve optimum production efficiency and products of the highest consistent quality. It is now one of the largest manufacturers of aluminium extrusions in Malaysia.

### EXTRUSION DIVISION

Since its humble beginnings with just one press, today it has 5 extrusion presses ranging from 660 MT to 2,200 MT. The Company is now capable of producing 25,000 MT of extrusions per annum. In the quest for excellence, an all new line consisting of an UBE 2000 US TON press, a



state-of-the-art material handling system from the USA complete with double pullers, an automatic stretcher and a cutting saw as well as a US made billet heater with a log shear.

From producing just simple aluminium angles and ceiling tees. Press Metal is now capable of producing even the most complicated multi-hollows up to 250 mm in diameter for various engineering and industrial applications in the building and construction, transportation, furniture and electrical industries.

### TOOL & DIES DIVISION

Complementary to producing standard profiles, Press Metal manufactures shapes that are exclusively in accordance with individual customer's specifications.

The in house tool & dies division is equipped with the latest high precision CNC wire cut, EDMs and machine centre facilities supported by a special CAD-CAM computer programme. The dies shop is capable of producing 300 high quality dies per month to ensure our products are of the highest quality both for the local and export markets.

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## **SURFACE FINISHING DIVISION**

In order to add value to aluminium extrusions, the surface are treated for aesthetic and protection. In Press Metal we have both anodising and powder coating facilities to cater to these value added needs of the customers.

The powder coating facility can cater for an almost unlimited spectrum of colour finishes to suit any requirement. The facility is capable of producing up to 4,000 MT per annum of aluminium extrusions suitable for extreme weather conditions in architectural applications.

Press Metal has two fully equipped anodising lines with a combined production capacity of 10,000 MT per annum to produce premium finishing in NATURAL, BRONZE and BLACK colours.



These anodising facilities are equipped with caustic and acid regeneration equipment and a waste water treatment plant to comply with environmental regulations.

## **BILLET CASTING DIVISION**

Press Metal has its own billet casting division which uses the latest state-of-the-art dual-jet AirSlip casting technology from Wagstaff, USA complete with the Foseco, USA Spinning Nozzle Inert Filtration ("SNIF") system, which is an on-line degassing facility. These billets are then homogenised to improve their performance qualities. To ensure the alloys meet the specifications of the highest consistent quality, they are subjected to strict quality control procedures utilising an emission spectrometer, ultrasound fault detector and optical microscope.

The billet casting division has a capacity of 70,000 MT per annum and is capable of producing billets up to 8 inches in diameter for Press Metal's own presses and for sale locally and abroad.





## PRESS METAL BERHAD

### ISO 14001 ENVIRONMENTAL MANAGEMENT SYSTEM AND MS ISO 9002 QUALITY MANAGEMENT SYSTEM

Press Metal is proud to be the first aluminium extruder in Malaysia to be awarded the internationally recognised and prestigious ISO 14001 from TÜV Anlagentechnik GmbH of Germany in 1998 and the MS ISO 9002 certification from SIRIM in 1993. Quality as well as environmental remains the main emphasis in all of Press Metal's production. Management systems and strictest possible control system is carried out right from the raw material stage until the stage before the products are delivered. Press Metal not only strives to maintain both the ISO 14001 and MS ISO 9002 standards but aims to be producing world class quality aluminium in order to meet world standards.

Press Metal's high quality products have been installed on numerous prestigious buildings both locally and overseas. Some of the completed projects are listed below: -



- Kuala Lumpur City Centre
- Kuala Lumpur International Airport, Sepang
- Landmark Tower, Johor Bahru
- CP Tower, Petaling Jaya
- Menara Kuala Lumpur
- Kemayan City, Johor Bahru
- Shah Alam Stadium, Selangor Darul Ehsan
- Hotel Lanka Oberoi, Sri Lanka
- Kokura Subway Station, Japan
- Yokohama Stadium, Japan
- Parliament Complex, Singapore
- Far East Square, Singapore

Press Metal intends to make its presence felt and make a mark on the world aluminium stage. It presently exports to markets, which include Japan, Australia, Hong Kong, Macau, Mauritius, Sri Lanka, Singapore, South Africa and Germany.

Press Metal can now be accessed and contacted on the World Wide Web. The URL website for Press Metal is [pressmetal.com](http://pressmetal.com).

Following the focus made in 1998, the Company has made some significant progress for 1999. It achieved compliance to MS ISO 9002 quality system within 8 months of implementation and was awarded certification by SIRIM QAS Sdn. Bhd. In the same year, the Platform Ladder was also certified by SIRIM to be in compliance to British Standards BS 2037 ; 1994.

With the successful compliance to British Standards, the company managed to begin exporting to the United Kingdom. To expand further the export market, the company will pursue compliance and

*Everlast was incorporated as a private limited company under the Companies Act, 1965 on 7 May 1988. Everlast is principally engaged in the marketing and retailing of aluminium products ranging from extruded profiles, tubes and rods, sheets and coils, aluminium ladders and building accessories. The customers of the company include building contractors, component fabricators, engineering workshops, manufacturing companies, stockists, wholesalers and retail hardware shops.*

## EVERLAST ALUMINIUM (M) SDN BHD

(Company No : 170443-T)

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certification to other national standards such as the Australian Standards and the European Standards.

In developing new model of ladders, the company has developed a new range of extension ladders with new method of fabrication. Application for patent protection has been applied under the Patents Act 1983 for this new model. In addition, two other models, namely Warehouse Step and Industrial Platform were also introduced to the market this year.

The company is also moving strongly in the interior construction segment. For this year, the company was appointed as authorized stockist and distributor by Hume Cemboard Berhad for their range of cement boards. This is in addition to the distribution rights for gypsum partition boards and ceiling boards already secured from Boral Plasterboard (Malaysia) Sdn Bhd and mineral fibre ceiling boards from Armstrong World Industries of United States of America. To further strengthen the company's presence in the interior construction industry, Everlast Gypsum and Building Material Sdn. Bhd. was relocated to Jalan Chan Sow Lin in Kuala Lumpur which is a hot spot for building materials. The company also acquired the majority stake in Kuantan Gypsum Board Sdn Bhd so that the company is represented in the east coast region. The company is identifying other strategic location to open up more outlets. In the same year, the company also incorporated Everlast Access Technologies Sdn. Bhd. with a view to identify suitable manufacturing activities especially those with export potential.



The company has established itself as a reliable and responsible major specialist contractor in the aluminium curtain wall and cladding industry. PMB Facade Technology has secured various prestigious projects in Hong Kong and is busy tendering for many more overseas projects.

The company offers a one stop centre, from concept design, feasibilities and proposals, to complete structural design and construction of the following products:

- \* Curtain Wall Systems
- \* Architectural Panel Systems
- \* Industrial Cladding Systems
- \* Aluminium Windows, Doors and Shopfronts
- \* Skylights

*PMB Facade Technology Sdn Bhd, the curtain wall and cladding specialist arm of Press Metal Berhad was incorporated on March 5, 1994.*

## PMB FACADE TECHNOLOGY SDN BHD

(Company No : 291486-H)

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With full support in the design and engineering coming from Wesama Sdn Bhd, our in-house international design consultancy firm, PMB Facade Technology is now able to meet the design and engineering needs of the Architects as well as Curtain Wall Fabricators.

With a covered factory area exceeding 100,000 square feet and equipped with high precision Germany machineries, PMB Facade Technology is able to undertake any kind of fabrication works for the curtain wall industry.

Our workforce comprises of committed professional and experienced skilled production workers and are committed to supply fabricated products of the highest quality. Some of the prestigious projects completed and ongoing are as follows :-

- CP Tower, Damansara, Kuala Lumpur
- Kuala Lumpur International Airport, Sepang
- Menara Landmark, Johor Bahru
- MAS Advance Cargo Complex
- Chek Lap Kok Airport Hotel, Hong Kong
- No 2 Bown Road, Hong Kong
- Silicon Wafer Fabrication Plant, Kulim, Kedah
- Botanical Garden, Putrajaya
- No 115-117 Caine Road, Hong Kong
- Belcher Garden, Hong Kong



*O*n the dawn of the new millennium, we are scaling to new heights with our unique architectural fit out design. The lists of achievements below are testimonies of our work.

Our project management and unique application methods have allowed us to monitor our growth and development of our portfolio while nurturing a closer relationship with our client, employees and communities we serve.

Of the development project incorporating our integrated approach are :

- The Plaza Pantai Intelligent Towers, Kuala Lumpur, Malaysia ~ Unitised curtain walling system, pyramid skylights system, stainless steel canopies system, composite ceiling system and decorative atrium railing system.
- The Formula One Sepang Racing Circuit , Kuala

*Angkasa Jaya, incorporated 15 years ago, specialises in exterior and interior architectural stainless steel and aluminium fitout systems.*

## ANGKASA JAYA SDN BHD

(Company No : 110854-M)

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Lumpur, Malaysia ~ Stainless steel security balustrading system.

- The Telekom Head Quarters Tower and Podium Building, Kuala Lumpur, Malaysia ~ Interior wall cladding, fascia and ceiling fit out system, exterior eaves cladding fit out system.
- The Putrajaya Mosque, Kuala Lumpur, Malaysia ~ Interior cast decorative balustrading system.
- The Perwira Affin Bank Head Quarters, Kuala Lumpur, Malaysia ~ Exterior wall cladding system.
- Putrajaya Administration Building Parcel C & D, Putrajaya - stainless steel exterior guardrailing system, interior stainless steel decorative guardrailing system.

- Putrajaya Taman Putra Perdana, Putrajaya - stainless steel Hardscape systems.
- Putrajaya Wisma Putra and Intitusi Diplomasi Hubungan Luarnegeri - aluminium curtain walling system, aluminium window wall system, suspended glass exterior system.
- Kuala Lumpur Sentral Station - interior aluminium wall and column cladding system, interior aluminium ventilation louver system, interior stainless steel column skirting cladding system.
- Cyberjaya Telekom Center Complex, Cyberjaya - exterior aluminium cladding system, stainless steel decorative ceiling system.

As we strive to enhance product quality and assurance, we will continue to concentrate on our existing strength and build on the competitive edge we now have domestically and also internationally.



*W*esama's key staff have many years of experience in the Aluminium Curtain Wall and Cladding industry and comprises Structural Engineers, Architects, Curtain Wall and Cladding Designers, Project Managers, Senior Draughtsmen and CAD operators.

The company's present objective is to upgrade its efficiency with the development in modern architecture, emphasising on good quality, sophistication and accurate designs.

There have been several prestigious projects that were successfully and currently undertaken by Wesama in Malaysia. The projects include Pusat Sains Negara in Mount Kiara, KL Tower, Hotel Nikko in Jalan Ampang, Starhill Project in Jalan Bukit Bintang, Satellite Building in KLIA Sepang, Contact Pier in KLIA Sepang, Custom Complex in KLIA Sepang, Pantai Towers in Kuala Lumpur, Menara Landmark in Johor Bahru, Ampang Tower,

*Wesama Sdn Bhd was incorporated in Malaysia as a private limited company in April 1990 under the Companies Act, 1965 and became a subsidiary of Press Metal Berhad in February 1997. The company's principal activity is Aluminium Consultancy and is an International Specialist in Aluminium Curtain Walling and Cladding Systems with offices in Malaysia and Philippines. Wesama's clientele include Aluminium Fabricators, Aluminium Extruders, Glass Dealers, Architects and Main Contractors.*

## WESAMA SDN BHD

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Kuala Lumpur, Berjaya Starcity Project, Kuala Lumpur, and Vision City in Kuala Lumpur, Silicon Wafer Fabrication Plant, Kulim, Kedah and Botanical Garden, Putrajaya.

Projects undertaken successfully overseas include the GD Tower in Bangkok, Fortune Business Centre and the Yi Mao Project in Shanghai, the East Point Shopping Centre in Singapore, the Chek Lap Kok Airport Hotel, Hong Kong, No 2 Bown Road, Hong Kong, No 115-117 Caine Road, Hong Kong and Belcher Garden, Hong Kong.





The CWWTP is the first of its type in Malaysia, employs German technology and is fully automated. It also has a SCADA system where wastes from the 32 electroplating factories in the park can be monitored and controlled. The CWWTP has a capacity to treat 1500 m3 of waste per day and has space for further upgrading if necessary. The CWWTP is now in operation.

The company is managed by experienced professionals with many years of experience in environmental engineering and has technical collaborations with both overseas and local environmental engineering companies.

With increasing awareness of environmental issues at large, the company is also actively pursuing the environmental engineering sector and has the capability to undertake projects such as :

- Privatised O & M of waste treatment plants.
- Turnkey and BOT contracts for water and waste water treatment systems
- Integrated Environmental Management System (IEMS) for industrial parks.

*BI-PMB Waste Management Sdn Bhd was incorporated in September in 1990 and assumed its present name in April 1995. The company is a collaboration between Bank Industri (M) Berhad and Press Metal Berhad and was incorporated to set up a COMMON WASTE WATER TREATMENT PLANT (CWWTP) to treat toxic wastes discharged by the electroplaters in the Bukit Kemuning Electroplating Park.*

**BI-PMB WASTE MANAGEMENT SDN BHD**

(Company No : 204292-D)

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**PMB RECYCLING MANAGEMENT SDN BHD**

PMBR's maiden project is the recycling of by-product sludge from the aluminium anodising process to produce Poly Aluminium Chloride (PAC). The technology is from the world renowned Swedish Akzo Nobel group of companies.

The PAC product is used as coagulant in three major fields, namely potable water treatment, industrial wastewater treatment and in the pulp and paper industries.

The plant has a production capacity of 25,000 tonnes per year and is managed by experienced professionals.

*PMB Recycling Management Sdn Bhd (PMBR) was incorporated on 10 April 1996. The principal activities are to carry on the business of recycling of waste, operation, maintenance, construction of waste recycling projects and trading of waste treatment products and recycling equipment.*

**PMB Recycling Management Sdn Bhd**

(Company No: 383245-H)

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The maiden project undertaken by the company is the Bukit Kemuning Electroplating Park in Bukit Kemuning near Shah Alam which covers an area of 10 acres with 32 terraced electroplating factories. The electroplating park is the first of its type in Malaysia to be provided with a Common Waste Water Treatment Plant (CWWTP) where the electroplating wastes from the 32 factories will be collected and treated in the CWWTP. The park was completed ahead of schedule and the CWWTP is now in operation.

The second project to be undertaken by the company is Pulau Indah Kleen Centre through a joint venture with Central Spectrum (M) Sdn Bhd (a consortium of PKNS, PNSB, KPSB & AMDB). The project covers an area of approximately 104 acres near West Port and will be developed by the joint venture company, PMB Spectrum Sdn Bhd.

*PMB Development Sdn Bhd was incorporated as a private limited company in Malaysia in 1990 and assumed its present name in February 1995. The company was incorporated to undertake the property development activities of the PMB Group.*

### PMB DEVELOPMENT SDN BHD

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## PMB-ENVIREX ENVIRONMENTAL ENGINEERING SDN BHD

Incorporated in 1990 and assumed its current name in 1995, the company is a joint venture between Press Metal Berhad and Envirex (M) Sdn Bhd. The latter specialises in the field of industrial effluent management, control and treatment and sewage/ municipal waste water treatment. The company's expertise draws from its principle officers who have a combination of varied experiences in environmental projects and its successful track records in the past years. The company's experience and expertise is further enhanced by association with leading environmental engineering companies from USA and Europe. The purpose of the formation is quite obvious where, with Press Metal providing strong financial and infrastructural support and Envirex (M) Sdn Bhd offering their expertise in design and construction of environmental engineering projects.

PMBE's activities will also compliment BI-PMB Waste Management Sdn Bhd's activities especially for Built, Operate and Transfer (BOT) projects particularly in the design and construction. Thus, the co-operation between the two subsidiaries should be seen as a great advantage towards providing better service in the environmental engineering sector.

With the setting up of PMBE, Press Metal Group should be able to place itself as one of the major players in environmental engineering design and construction works.

*P M B - E n v i r e x Environmental Engineering Sdn Bhd (PMBE) was formed to further enhance Press Metal Group's expertise and coverage in the environmental engineering field.*

### PMB-ENVIREX ENVIRONMENTAL ENGINEERING SDN BHD

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