



Methodical Engineering Sdn Bhd
Methodical Construction Sdn Bhd
Methodical Logistics Sdn Bhd

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1.0 INTRODUCTION



Incorporated in Dec 2020, Methodical Group has several subsidiary companies.



Methodical Engineering Sdn Bhd (ME)

A manufacturing company specializes in heavy engineering for a broad spectrum of industries, ME is an exclusive unit dedicated to provide end-to-end support for Heavy industry, F&B industry & etc.



Methodical Construction Sdn Bhd (MC)

Providing turnkey construction company including commercial and residential building. We also provide project management for client, planning, design management, schedule development, value engineering and etc.



Methodical Logistics Sdn Bhd (ML)

A one-stop logistics solutions provider, with many years experience in logistics. ML specializes in warehousing, heavy and light haulage/ transportation, freight forwarding, mover services, industrial/heavy relocations, normal and vacuum packing, custom crating and palletizing.



2.0

VISION & MISSION

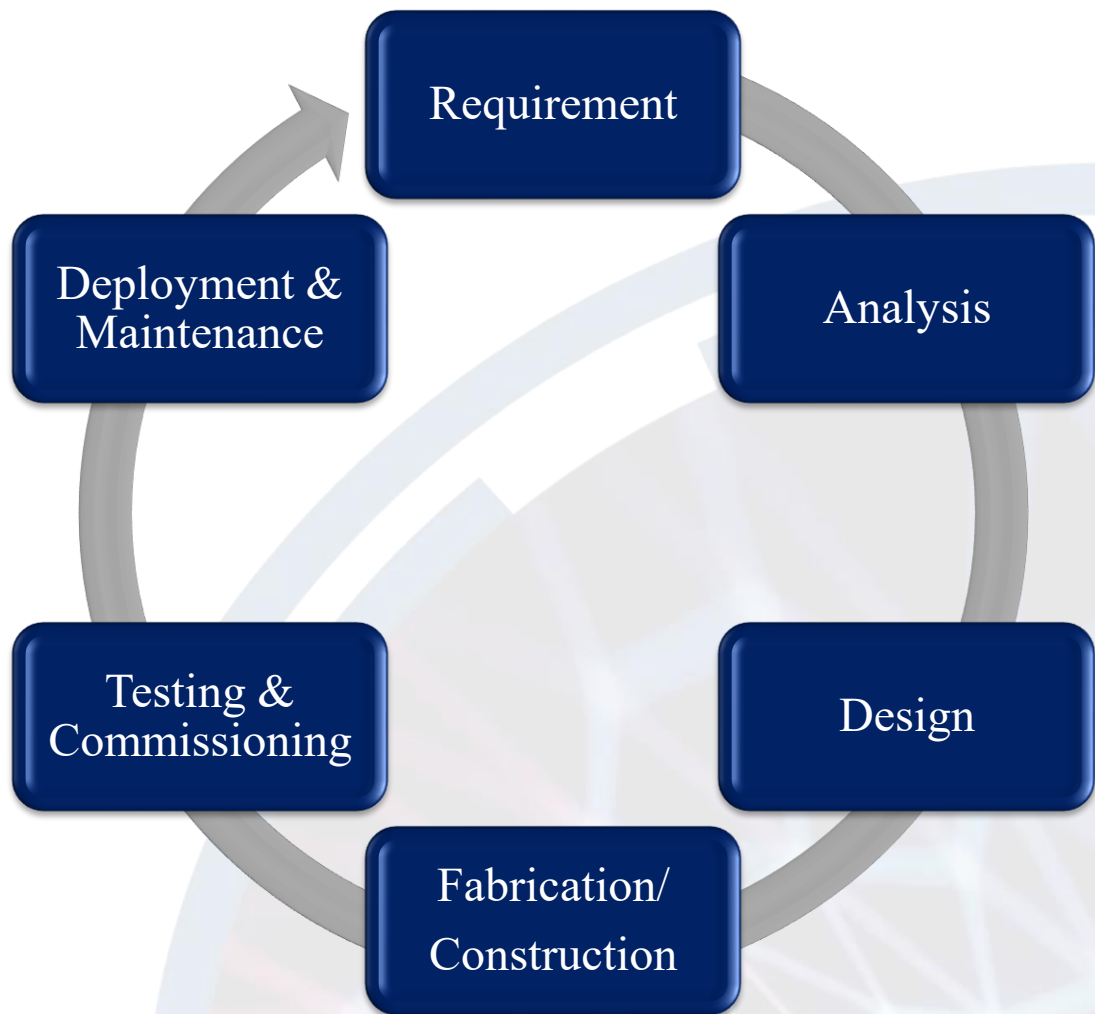
VISION

To become one of the International recognized OEM companies for Engineering Solution & sheet metal related products.

MISSION

- To produce high quality product at competitive cost
- To continuously achieve customer satisfaction
- To continuously improve the effectiveness of Quality Management System
- To maximize employee's potential through continuous and effective trainings & developments
- To expand sales volume which are able to realize better capital return

3.0 METHODOLOGY



- Comply with the Engineering, Procurement, Construction and Commissioning (EPCC).
- Identify the requirement.
- Analyze the need, value engineering.
- Design/Solution.
- Fabrication/Construction on or off site.
- Testing & Commissioning.
- Maintenance Program.

4.0 VALUE PROPOSITION



- **Understanding the Requirement/Process/Design.**
- **Design/Reverse Engineering**



- **Value Engineering**
- **Customizing Engineering Solutions**



Our services are divided into three (3) categories, namely:

- **Customization**

Based on the requirement of specific details provided and further develop the final product/building drawing.

- **Fabrication/Installation/Construction**

Engineering - Industry components that are used across manufacturing, commercial and facilities.

Turnkey Contractor – Building, infrastructure, foundation & geotechnical engineering, MEP services.

- **On-Site / Preventive Maintenance**

During shut down as well as preventive maintenance to mitigate unforeseen breakdowns



5.0

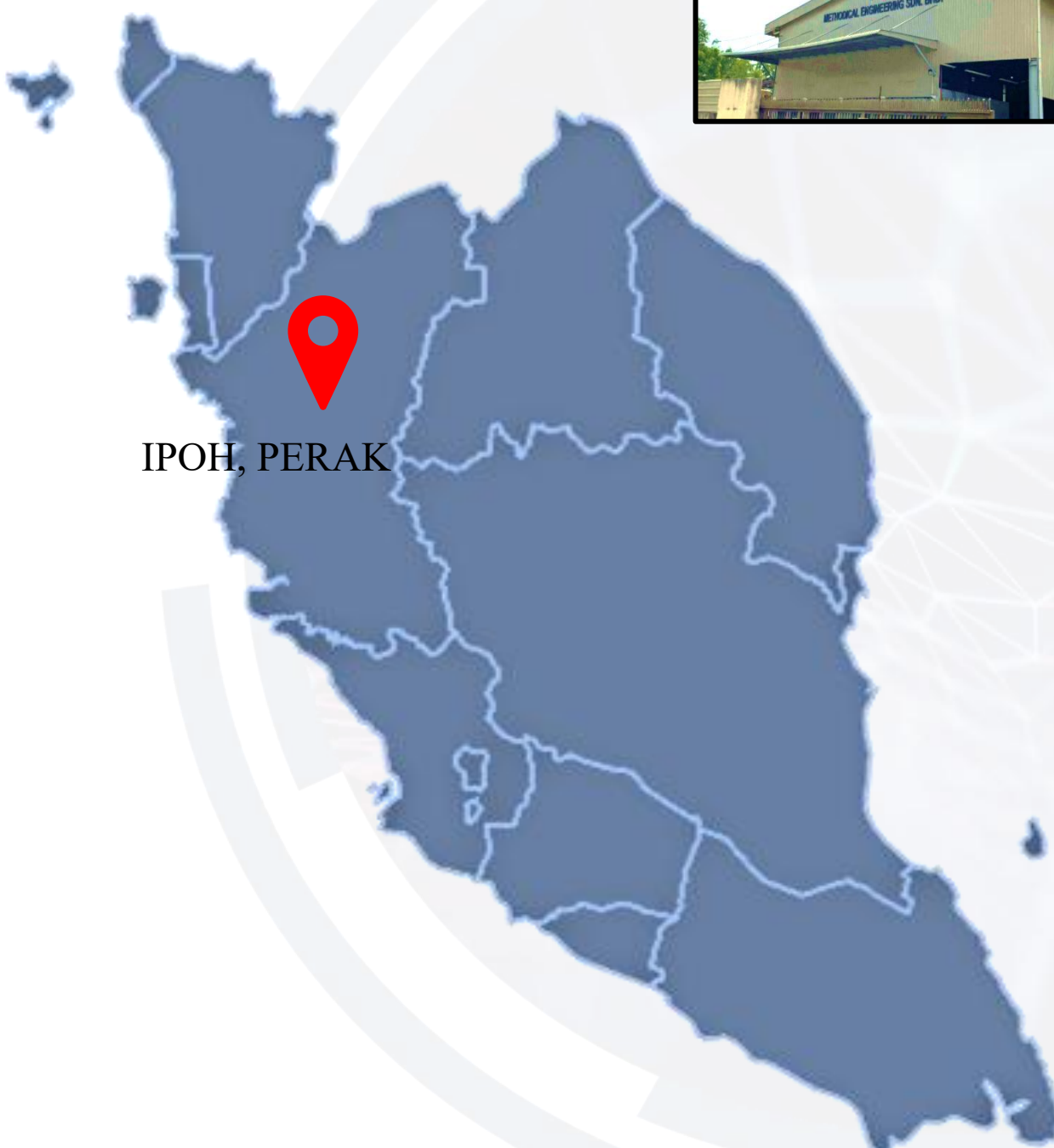
CORPORATE

INFORMATION

METHODICAL GROUP REGISTRATION NO.	METHODICAL ENGINEERING SDN BHD (202001040877 / 1397198P)
	METHODICAL CONSTRUCTION SDN BHD (202201011754 / 1457451-M)
	METHODICAL LOGISTICS SDN BHD (202101041433 / 1441733-A)
DIRECTORS	PUTT KAH WAI CHEAH KAR CHUN LOH OOI CHUN KANG KIM HUA
SECRETARY	PROSECO ADVISORY SDN BHD 6, JALAN CHEW SIN ON, 31650 IPOH PERAK
EMAIL ADDRESS	info@methodical.com.my
PAID UP CAPITAL (ORDINARY)	ME – RM251,000.00 MC – RM250,000.00 ML – RM1,000.00
DATE OF ESTABLISHMENT	ME – DECEMBER 10, 2020 MC – MARCH 31, 2022 ML – DECEMBER 07, 2021
AUDITORS	KHOR & ASSOCIATES NO.11A, PERSIARAN PINGGIR RAPAT 3, TAMAN SAIKAT, 31350 IPOH, PERAK
BANKER	MAYBANK PUBLIC BANK BERHAD
EQUITY STAKE	100% MALAYSIAN

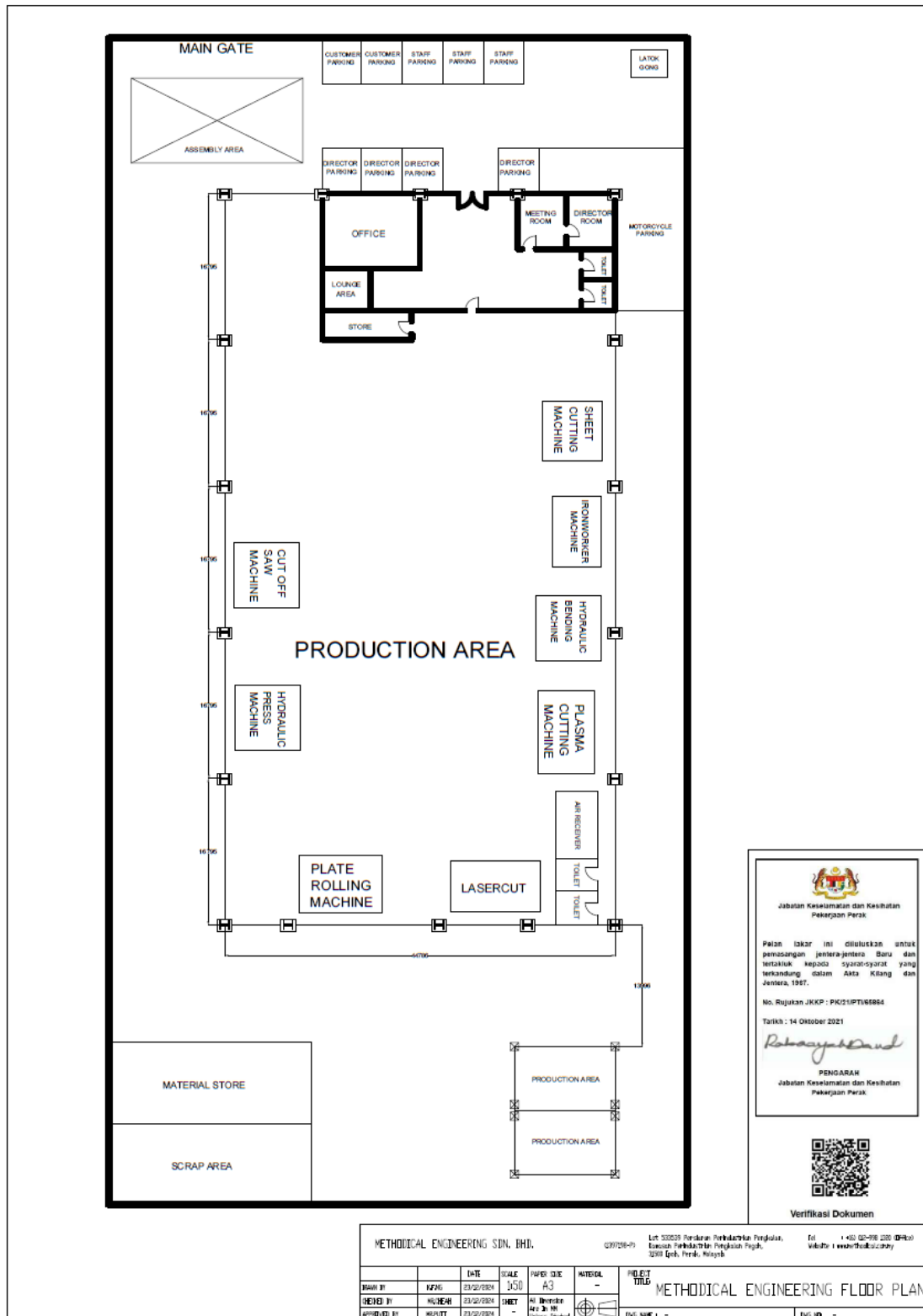
LOCATION

*Lot 533539, Persiaran Perindustrian
Pengkalan 16, Kawasan Perindustrian
Pengkalan, 31500 Ipoh, Perak*



IPOH, PERAK

FACTORY LAYOUT



PERAKUAN PENDAFTARAN

Adalah dengan ini diperakui bahawa kontraktor yang dinyatakan di bawah ini telah berdaftar dengan Lembaga mengikut Bahagian VI Akta Lembaga Pembangunan Industri Pembinaan Malaysia 1994. Pendaftaran ini adalah tertakluk kepada syarat-syarat yang telah ditetapkan bersama perakuan ini.

No. Pendaftaran : 0120250923-PK161193
Nama Kontraktor : METHODICAL CONSTRUCTION SDN. BHD.
Alamat Berdaftar : 6 JALAN CHEW SIN ON
31650 IPOH
PERAK
Daerah : KINTA
Tarikh Mula Berdaftar : 23/09/2025

<u>GRED</u>	<u>KATEGORI</u>	<u>PENGKHUSUSAN</u>
G5	B	B04
G5	CE	CE21
G5	ME	M15

Tarikh Mula Berkuatkuasa : 23/09/2025
Tarikh Habis Tempoh Perakuan : 22/09/2027

STATUS: BARU



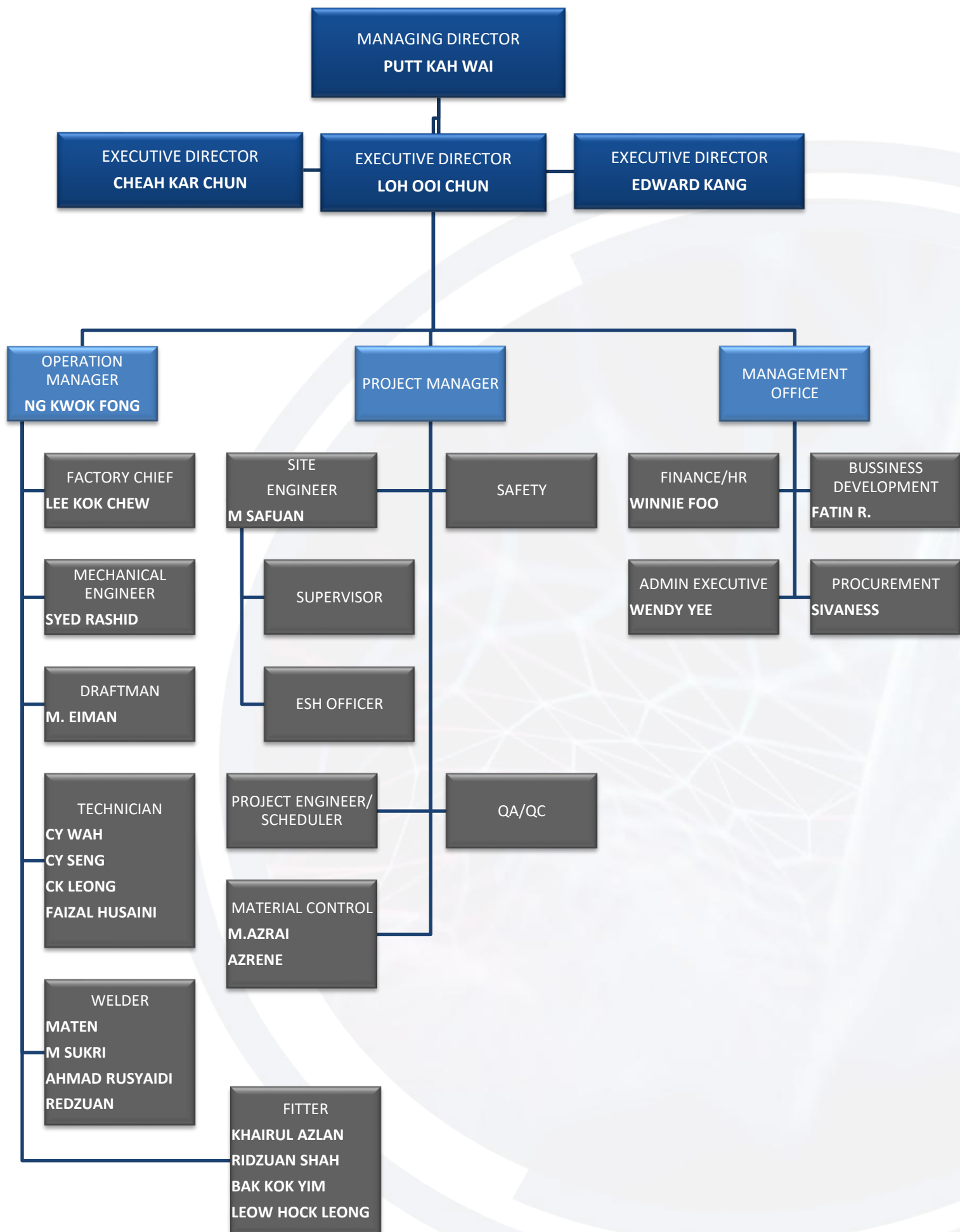
Ketua Eksekutif
Lembaga Pembangunan Industri Pembinaan Malaysia
Tarikh: 23/09/2025





6.0

ORGANIZATION CHART



7.0 OUR SERVICES

ENGINEERING SERVICES



S-Plates

Heat Exchanger

Open Channel

Sprockets & Shaft

Preventive Maintenance

Bearings & Hardware Materials



Fire Chamber

Coagulant Tank

Latex Dip Tank

Stirrer and Conveyors

Adjustable Arms

Polymer Tank

Acid & Alkaline Tank

Reverse Engineering



Component Modification

R&M

Dismantling

Assembly

New Product Installation

Piping Works



CONSTRUCTION SERVICES

Build Project

MC deploys turn-key system where we take the stress out of building your project and deliver it in a completed state. In a turnkey contract, we handle all decisions and problems related to construction.

Renovation & Maintenance

MC also offers a full range of renovation and maintenance solutions and services including:

- Major extension
- Demolition works
- Construction and Structure works
- Mechanical and Electrical works
- Refurbishment

8.0 CERTIFICATION

A. ISO CERTIFICATION

On 2nd February 2024, Quality Management System of Methodical Engineering Sdn Bhd has been assessed and registered by NQA against the provisions of BS EN ISO 9001: 2015



Certificate of Registration



This is to certify that the Quality Management System of

METHODICAL ENGINEERING SDN BHD

Lot 533539, Persiaran Perindustrian Pengkalan 16, Kawasan Perindustrian Pengkalan Pegoh, 31500 Ipoh, Perak, Malaysia

applicable to

Fabrication and Installation of Machinery and Manufacturing Facilities

has been assessed and registered by NQA against the provisions of

BS EN ISO 9001 : 2015

This registration is subject to the company maintaining a quality management system, to the above standard, which will be monitored by NQA.



Signature of Managing Director

Managing Director

Certificate No: 121091
Issue Date: 02 February 2024
Valid Until: 02 February 2027
EAC Code: 18

The use of the UKAS Accreditation Mark indicates accreditation in respect of those activities covered by the accreditation certificate number 015 held by NQA.
NQA is a trading name of NQA Certification Limited. Registration No. 09201798. Registered Office: Warwick House, Hauxton Hall Park, Hauxton Road, Dunstable, LU5 5ZG, UK.

B. CALIBRATION CERTIFICATION



SMSB

SENDI MAHIR SDN. BHD. 199501003943 (333138-T)

NO. 6, 8, 10 & 12, JALAN KAPAR 27/89, MEGAH INDUSTRIAL PARK,
SEKSYEN 27, 40400 SHAH ALAM, SELANGOR DARUL EHSAN, MALAYSIA.

TEL: 03-5191 7388 FAX: 03-5191 0675

EMAIL: enquiry@sendimahir.com ; marketing@sendimahir.com Website: www.sendimahir.com

CERTIFICATE OF CALIBRATION

Certificate No. : SM24126981

Date of Issue : 17 Apr 2024

Issued By : Sendi Mahir Sdn Bhd

Page 1 of 2 Pages



Customer : METHODICAL ENGINEERING SDN BHD
LOT 533539, 16, PERSIARAN PERINDUSTRIAN PENGKALAN 2
KAWASAN PERINDUSTRIAN PENGKALAN
31500 IPOH PERAK MALAYSIA

Instrument : L Ruler

Calibration Date : 17 Apr 2024

Manufacturer : Iron Bull

Recalibration Date : 17 Apr 2025

Model/Type : -

Specified By Customer

Serial No : -

Remark : The user should be aware that any numbers of factors may cause this instrument to drift out of calibration before the specified calibration interval has expired.

Capacity : 0 ~ 300 mm

Resolution : 1 mm

Calibration Environment Condition:

Condition Upon Receiving : Good Physical Condition

Temperature : 20.2 to 20.3 °C

Relative Humidity : 53 to 54 %rh

Condition Upon Returning : The instrument has been calibrated. The results are as follows.

Calibration Method : Internal Calibration Procedure(s) ICPD34

Calibration Venue : This instrument has been calibrated at Sendi Mahir Sdn Bhd

Measurement Uncertainty : The reported expanded measurement uncertainty is stated as the standard measurement uncertainty multiplied by the coverage factor k such that the coverage probability corresponds to approximately 95% and have a coverage factor of $k=2$ unless stated otherwise.

Reference Standard(s) Used :

Reference Standard Name	Serial No	Certificate No	Due Date	Accreditation No	Traceability
GAUGE BLOCK SET 4"	D007	SM23143171	22 Jun 2024	SAMM 082	NMIM(MY)
GRANITE SQUARE	D056	NMIM-0942-M-23	03 Feb 2028	SAMM 261	NPL(UK)
STANDARD SCALE	D067	NMIM-0309-M-24	18 Jan 2029	SAMM 261	NMIM(MY)
FEELER GAUGE	D070	SM23186001	01 Dec 2025	SAMM 082	NMIM(MY)

Calibrated By:

Nurul Zuraiha

Approved Signatory:

L.H. Seah

This certificate is issued in accordance with the laboratory accreditation requirements of Skim Akreditasi Makmal Malaysia (SAMM) of Standards Malaysia which is a signatory to the ILAC MRA. The measurement results included in this document are traceable to Malaysia national measurement standards maintained by the National Metrology Institute of Malaysia (NMIM). NMIM is a signatory to the CIPM MRA. It provides traceability of measurement to the SI system of units and/or to units of measurement realised at the NMIM and other recognised national metrology institutes. The results of calibration performed by Sendi Mahir Sdn Bhd apply to the particular equipment at the time of its test. They do not indicate or imply that Sendi Mahir Sdn Bhd approves, recommends or endorses the manufacturers or suppliers or users of such equipment that Sendi Mahir Sdn Bhd in any way guarantees the equipment's performance after calibration. Test/calibrations marked 'Not SAMM Accredited' in this report/certificate are not included in the SAMM Accreditation Schedule of our laboratory. Opinions and interpretations expressed herein are outside the scope of SAMM accreditation. Copyright of this certificate is owned by the issuing laboratory and may not be reproduced other than in full except with the prior written approval of the Head of the issuing laboratory.

B. CALIBRATION CERTIFICATION



SMSB

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NO. 6, 8, 10 & 12, JALAN KAPAR 27/89, MEGA INDUSTRIAL PARK,
SEKSYEN 27, 40400 SHAH ALAM, SELANGOR DARUL EHSAN, MALAYSIA.

TEL: 03-5191 7388 FAX: 03-5191 0675

EMAIL: enquiry@sendimahir.com ; marketing@sendimahir.com Website: www.sendimahir.com



SAMM 082

CERTIFICATE OF CALIBRATION

Certificate No. : SM24126979

Date of Issue : 17 Apr 2024

Issued By : Sendi Mahir Sdn Bhd

Page 1 of 2 Pages



Customer : METHODICAL ENGINEERING SDN BHD

LOT 533539, 16, PERSIARAN PERINDUSTRIAN PENGKALAN 2

KAWASAN PERINDUSTRIAN PENGKALAN

31500 IPOH PERAK MALAYSIA

Instrument : Caliper

Calibration Date : 17 Apr 2024

Manufacturer : Dasqua

Recalibration Date : 17 Apr 2025

Model/Type : -

Specified By Customer

Serial No : FM13289

Remark : The user should be aware that any numbers of factors may cause this instrument to drift out of calibration before the specified calibration interval has expired.

Capacity : 0 ~ 150 mm

Resolution : 0.01 mm

Calibration Environment Condition:

Condition Upon Receiving : Measuring faces wearout. Internal jaws edge bent.

Temperature : 20.1 to 20.2 °C

Relative Humidity : 53 to 54 %rh

Condition Upon Returning : The instrument has been calibrated. The results are as follows.

Calibration Method : Internal Calibration Procedure(s) ICPD4

Calibration Venue : This Instrument has been calibrated at Sendi Mahir Sdn Bhd

Measurement Uncertainty : The reported expanded measurement uncertainty is stated as the standard measurement uncertainty multiplied by the coverage factor k such that the coverage probability corresponds to approximately 95% and have a coverage factor of k=2 unless stated otherwise.

Reference Standard(s) Used :

Reference Standard Name	Serial No	Certificate No	Due Date	Accreditation No	Traceability
GAUGE BLOCK SET 'V'	D007	SM23143171	22 Jun 2024	SAMM 082	NMIM(MY)
MASTER RING GAUGE	D045	SM24115303	26 Feb 2026	SAMM 082	NMIM(MY)
MASTER PIN GAUGE	D133	SM23154597	08 Aug 2024	SAMM 082	NMIM(MY)
LENGTH BAR 'V'	D157	SM23161172	07 Sep 2025	SAMM 082	NMIM(MY)

Calibrated By:

Nurul Zuraiha

Approved Signatory:

L.H. Seah

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SEKSYEN 27, 40400 SHAH ALAM, SELANGOR DARUL EHSAN, MALAYSIA.

TEL: 03-5191 7388 FAX: 03-5191 0675

EMAIL: enquiry@sendimahir.com ; marketing@sendimahir.com Website: www.sendimahir.com



SAMM 082

CERTIFICATE OF CALIBRATION

Certificate No. : SM24126980
Issued By : Sendi Mahir Sdn Bhd

Date of Issue : 17 Apr 2024

Page 1 of 2 Pages



Customer : METHODICAL ENGINEERING SDN BHD
LOT 533539, 16, PERSIARAN PERINDUSTRIAN PENGKALAN 2
KAWASAN PERINDUSTRIAN PENGKALAN
31500 IPOH PERAK MALAYSIA

Instrument : Measuring Tape

Calibration Date : 17 Apr 2024

Manufacturer : MARKSMAN

Recalibration Date : 17 Apr 2025
Specified By Customer

Model/Type : -

Remark : The user should be aware that any numbers of factors
may cause this instrument to drift out of calibration before the
specified calibration interval has expired.

Serial No : -

Capacity : 0 ~ 7500 mm

Resolution : 1 mm

Calibration Environment Condition:

Condition Upon Receiving : Good Physical Condition

Temperature : 20.1 to 20.2 °C

Relative Humidity : 54 to 55 %rh

Condition Upon Returning : The instrument has been calibrated. The results are as follows.

Calibration Method : Internal Calibration Procedure(s) ICPD44

Calibration Venue : This Instrument has been calibrated at Sendi Mahir Sdn Bhd

Measurement Uncertainty : The reported expanded measurement uncertainty is stated as the standard measurement uncertainty multiplied by the coverage factor k such that the coverage probability corresponds to approximately 95% and have a coverage factor of k=2 unless stated otherwise.

Reference Standard(s) Used :

Reference Standard Name	Serial No	Certificate No	Due Date	Accreditation No	Traceability
TAPE & SCALE CALIBRATION UNIT	D161	SM24118473	07 Mar 2025	SAMM 082	NMIM(MY)

Calibrated By:

Nurul Zuraiha

Approved Signatory:

L.H. Seah

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B. CALIBRATION

CERTIFICATION



SMSB

SENDI MAHIR SDN. BHD. 199501003943 (333138-T)

NO. 6, 8, 10 & 12, JALAN KAPAR 27/89, MEGA INDUSTRIAL PARK,
SEKSYEN 27, 40400 SHAH ALAM, SELANGOR DARUL EHSAN, MALAYSIA.

TEL: 03-5191 7388 FAX: 03-5191 0675

EMAIL: enquiry@sendimahir.com ; marketing@sendimahir.com Website: www.sendimahir.com

CERTIFICATE OF CALIBRATION

Certificate No. : SM24126982
Issued By : Sendi Mahir Sdn Bhd

Date of Issue : 17 Apr 2024

Page 1 of 2 Pages



Customer : METHODICAL ENGINEERING SDN BHD
LOT 533539, 16, PERSIARAN PERINDUSTRIAN PENGKALAN 2
KAWASAN PERINDUSTRIAN PENGKALAN
31500 IPOH PERAK MALAYSIA

Instrument : Coating Thickness Gauge

Calibration Date : 17 Apr 2024

Manufacturer : Milescey

Recalibration Date : 17 Apr 2025

Model/Type : MC998

Specified By Customer

Serial No : 23020015596

Remark : The user should be aware that any numbers of factors may cause this instrument to drift out of calibration before the specified calibration interval has expired.

Capacity : 0 ~ 1500 μ m

Resolution : -

Calibration Environment Condition:

Condition Upon Receiving : Good Physical Condition

Temperature : 20.2 to 20.3 $^{\circ}$ C

Relative Humidity : 53 to 54 %rh

Condition Upon Returning : The instrument has been calibrated. The results are as follows.

Calibration Method : Internal Calibration Procedure(s) ICPD27

Calibration Venue : This Instrument has been calibrated at Sendi Mahir Sdn Bhd

Measurement Uncertainty : The reported expanded measurement uncertainty is stated as the standard measurement uncertainty multiplied by the coverage factor k such that the coverage probability corresponds to approximately 95% and have a coverage factor of k=2 unless stated otherwise.

Reference Standard(s) Used :

Reference Standard Name	Serial No	Certificate No	Due Date	Accreditation No	Traceability
THICKNESS COATING FILM	D075	SM24120636	14 Mar 2025	SAMM 082	NMIM(MY)

Calibrated By:

Nurul Zuraiha

Approved Signatory:

L.H. Seah

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B. CALIBRATION CERTIFICATION

CERTIFICATE



CERTIFICATE OF CALIBRATION

DATE OF ISSUE : 10 June 2024

CERTIFICATE NUMBER: STTS/R/2024A-038

SUBMIT BY:

Methodical Engineering Sdn Bhd
Lot 533539, Persiaran Perindustrian
Pengkalan 16, Kawasan Perindustrian
Pegoh, 31500 Ipoh, Perak.

JOB
RECEIVED

SJ2024-06-08
08-06-2024

PAGE 1 ONLY

Instrument: Temperature Gauge
Manufacturer: Weld Master
Instrument Condition When Returned :
1. Calibrated and Test Serviceable

Model No : NIL
Serial No : NIL

Environmental Condition :-
Average Temperature : $24 \pm 1^{\circ}\text{C}$
Calibration Date : 08 June 2024

Average Relative Humidity : $63 \pm 3\% \text{RH}$

Calibration Method :
The calibration was based upon In- House Calibration Procedure CP-M

The instrument has been calibrated at WELD MASTER INDUSTRIES SDN BHD CALIBRATION & MEASUREMENT DEPT. TEMPERATURE under the environmental condition as stated above.

Calibration Sticker No : S-9-14011
Measurement Uncertainty: Refer to calibration results

CALIBRATION RESULTS

Graduation : 10°C Calibration Range : $0^{\circ}\text{C} - 500^{\circ}\text{C}$
Un certainty : The estimated uncertainty of the calibration result given is $\pm 5^{\circ}\text{C}$ at 95% confidence level.
: The results of calibration shown related only to mechanical thermometer with the installation height difference less than 2 meter between the gauge and the bulb.

Nominal Value ($^{\circ}\text{C}$)	Standard Reading ($^{\circ}\text{C}$)	Test Reading ($^{\circ}\text{C}$)	Correction ($^{\circ}\text{C}$)	Test Limit ($^{\circ}\text{C}$)
0	0	0	0	N/A
100	100	102	-2	
200	201	203	-2	
300	302	304	-2	
400	402	405	-3	
500	501	504	-3	

Note : Correction = Standard Reading - Test Reading
: Test Limit = Not Provided By User

Calibrated By :


SUBRAMANIAM



Standard(s) For Safety : The basic standard used to investigate products in this category are
ANSI/UL 1030 and CSA-C22.2 No. 72, "Sheathed Heating Elements."
UL Certificate Number : 20071112-E157541-107981



WELD MASTER INDUSTRIES SDN BHD

5-7, Perusahaan Persiaran Kledang Utara 1/5
Kawasan Perindustrian Chandan Raya
31450 Menglembu Ipoh, Perak, Malaysia.
Website: www.weldmaster.com.my

Tel : 605-282 9421, 282 9143, 282 9842
Fax : 605-282 9379
Email : wmi@weldmaster.com.my
Website: www.welding-asia.com

B. CALIBRATION CERTIFICATION

CERTIFICATE



CERTIFICATE OF CALIBRATION

DATE OF ISSUE : 21 November 2023
SUBMIT BY:
Methodical Engineering Sdn Bhd
Lot 533539, Persiaran Perindustrian
Pengkalan 16, Kawasan Perindustrian
Pengkalan Pegoh, 31500 Ipoh Perak.

CERTIFICATE NUMBER : STTS/R/2023A-380

JOB : SJ2023-11-20
DATE RECEIVED : 20-11-2023

PAGE 1 ONLY

Welding Machine : Digital Inverter Type
Brand : Austweld
Rated Output Current : 20-200amp
Rated Input : 6.6KVA
Rated Input Power : 200-250V 1 Phase
Rated Frequency : 50Hz

Model No : ARC218LCD
Serial No : ARC218OS00188
Calibration Sticker : 9012607

Inspection Before Giving Supply Input
Insulation Test
Input Power
Input Terminal - Case Resistant System (5M Ω)
Control Terminal - Case Resistant System (3M Ω)

Inspection Result : OK ☒ NC ☐
Inspection Result : OK ☒ NC ☐
Inspection Result : OK ☒ NC ☐
Inspection Result : OK ☒ NC ☐
Inspection Result : OK ☒ NC ☐

Function
Ammeter Digital Display
Welding Current
Ventilation Fan

Inspection Result : OK ☒ NC ☐
Inspection Result : OK ☒ NC ☐
Inspection Result : OK ☒ NC ☐

CALIBRATION RESULTS

Graduation : 1 (A) Calibration Range : 0-999 (A)
Un Certainty : The estimated uncertainty of the calibration results given is $\pm 1(A)$ at 95% confidence level.
The results of calibration shown related only to digital amp meter with the installation height difference less than 2 meter between the input power of the welding

Amperage Adjustment (A)	Output Current Correction (A)	Ambient Temperature (°C)
80	92A	Infra Temperature Tester: 31.4°C Load Bank Testing Tested by Digital Ammeter Clamp
100	123A	
120	136A	
140	170A	
180	196A	
200	212A	

Calibrated By:
Then Meng Foo



This is certify that the Quality Management System of:
The WELD MASTER INDUSTRIES SDN BHD

WELD MASTER INDUSTRIES SDN BHD

5-7, Persiaran Kledang Utara 1/5,
Kawasan Perindustrian Chandan Raya
31450 Menglembu Ipoh, Perak, Malaysia,
Website: www.weldmaster.com.my

Tel : 605-282 9421, 282 9143, 282 9842
Fax : 605-282 9379
Email : wmi@weldmaster.com.my
Website : www.welding-asia.com

B. CALIBRATION CERTIFICATION

CERTIFICATE



CERTIFICATE OF CALIBRATION

DATE OF ISSUE : 30 January 2024

CERTIFICATE NUMBER : STTS/R/2024A-018

SUBMIT BY:

Methodical Engineering Sdn Bhd
Lot 533539, Persiaran Perindustrian Pengkalan 16,
Kawasan Perindustrian Pengkalan Pegoh,
31500 Ipoh, Perak.

JOB : SJ2024-01-29

DATE RECEIVED : 29-01-2024

PAGE 1 ONLY

Welding Machine : Digital Inverter Type
Brand : Austweld
Rated Output Current : 20-220amp
Rated Input : 7.5KVA
Rated Input Power : 200-250V 1 Phase
Rated Frequency : 50Hz

Model No : ARC238 LCD
Serial No : ARC2180S0233
Calibration Sticker : 9012658

Inspection Before Giving Supply Input

Inspection Result : OK

☒

NC

☐

Insulation Test

Inspection Result : OK

☒

NC

☐

Input Power

Inspection Result : OK

☒

NC

☐

Input Terminal - Case Resistant System (5M Ω)

Inspection Result : OK

☒

NC

☐

Control Terminal - Case Resistant System (3M Ω)

Inspection Result : OK

☒

NC

☐

Function

Ammeter Digital Display

Inspection Result : OK

☒

NC

☐

Welding Current

Inspection Result : OK

☒

NC

☐

Ventilation Fan

Inspection Result : OK

☒

NC

☐

CALIBRATION RESULTS

Graduation : 1 (A)

Calibration Range : 0-999 (A)

Un Certainty : The estimated uncertainty of the calibration results given is $\pm 1(A)$ at 95% confidence level.

: The results of calibration shown related only to digital amp meter with the installation height difference less than 2 meter between the input power of the welding

Amperage Adjustment (A)	Welding Current Adjustable (N)	Output Current Correction (A)	Ambient Temperature (°C)
60	60	82	Infra Temperature Tester: 31.4°C Load Bank Testing Tested by Digital Ammeter Clamp
90	90	115	
120	120	136	
160	160	178	
190	190	185	
220	220	215	

Calibrated By:

Then Meng Foo



This is certified that the Quality Management System of:
The WELD MASTER INDUSTRIES SDN BHD

WELD MASTER INDUSTRIES SDN BHD

5-7, Persiaran Kledang Utara 1/5,
Kawasan Perindustrian Chandan Raya
31450 Menglembu Ipoh, Perak, Malaysia
Website: www.weldmaster.com.my

Tel : 605-282 9421, 282 9143, 282 9842
Fax : 605-282 9379
Email : wmi@weldmaster.com.my
Website : www.welding-asia.com

C. INSPECTION CERTIFICATION

CERTIFICATE



CERTIFICATE OF INSPECTION

Date of Inspection : 16 March 2024

Manufacturer : Weld Master

It is hereby certified that this product is manufactured under our single-unit control of quality and passed in strict inspection in accordance with the inspection standard.

Product : Portable Welding Rod Dryer
Model : Type 5
Capacity : 5 kgs
Serial No. : A055711
Insulation : 1" Rock Wool
Element : 100 watt
Temperature : 150°C
Input Voltage : AC240V

We have fully inspected this product under our environmental condition as stated above.

Rebaking & recondition electrode: Standard to preset analog type. Electrode manufacturer specific to redry the electrode at between 150° to 400°C for 60min. to 90min. for rebaking or recondition. After rebaking or reconditioning have to reduce the temperature to holding 150°C prior to use. For holding prior to adjust venting door about 6mm gap open. So the welders can get the electrode from the holding oven to put inside into the portable oven to maintain the heat between 120°C to 150°C.

Inspection By:

Subramaniam
Subramaniam



Standard(s) For Safety
UL Certificate Number

: The basic standard used to investigate products in this category are
ANSI/UL 1030 and CSA-C22.2 No. 72, "Sheathed Heating Elements."
: 20071112-E157541-107991



WELD MASTER INDUSTRIES SDN BHD

5-7, Perusahaan Persiaran Kledang Utara 1/5
Kawasan Perindustrian Chandan Raya
31450 Menglembu Ipoh, Perak, Malaysia.
Website: www.weldmaster.com.my

Tel : 605-282 9421, 282 9143, 282 9842
Fax : 605-282 9379
Email : wmi@weldmaster.com.my
Website: www.welding-asia.com

C. INSPECTION

CERTIFICATION

No. Fail: JBPM/PI/RNP:700-7/2/3-627 (12)
(PEMBAHARUAN : KELIMA)

SIJIL PEPASANGAN KESELAMATAN KEBAKARAN

APPROVAL CERTIFICATE

Jabatan Bomba dan Penyelamat Malaysia
dengan ini memperakukan
Fire and Rescue Department of Malaysia
hereby certify

COMPOSITE FIRE RESISTANCE DOORSETS
(SINGLE LEAF / METAL FRAME)
(1 HOURS) INTEGRITY & INSULATION
BRAND: 'GAYADOR' MODEL: GD/MF/ONE/SL(A6)

Berdasarkan Piawaian
Complying with

MS 1073: PART 3: 1996 (Amd.1:2003)

Syarikat Berdaftar
Registered company

GAYADOR SDN BHD (115441-M)
PT 11133, Jalan MU 1/6,
Taman Perindustrian Meranti Utama,
47120 Puchong,
Selangor Darul Ehsan.

Tempoh sah perakuan: 16/09/2021 hingga 15/09/2023

(PKPJB KAMARULZAMAN MALIK ABDULLAH)

Pengarah
Bahagian Perancangan dan Penyelidikan,
b.p. Ketua Pengarah
Jabatan Bomba dan Penyelamat Malaysia.

Tarikh: 23 September 2021





9.0

ASSOCIATE COMPANIES



**Sezlek Hardware and Engineering
Works Sdn Bhd**



MRC Engineering Solution Enterprise



MT Gear & Engineering Service S/B



United Engineering Solution

10.0 WPS LIST

LIST OF WELDING PROCEDURE SPECIFICATION

NO	WPS NO	CODE	WELDING PROCESS	POSITION	DIAMETER		THICKNESS		FILLER METAL				CHARPY (°C)	PHWT
					ACTUAL	RANGE	ACTUAL	RANGE	CLASS	SFA	F	A		
1	WPS-MESB-01	ASME IX 2021	FCAW	3G	N/A	N/A	15mm	30mm (max)	E71T1-1C	5.22	6	1	30° & 150° C	N/A
2	WPS-MESB-02	ASME IX 2021	GMAW	3G	N/A	N/A	15mm	30mm (max)	ER70S-6	5.18	6	1	30° & 150° C	N/A
3	WPS-MESB-03	ASME IX 2021	GTAW	6G	N/A	N/A	7.11mm	7.11- 14.22mm	ER70S-G	5.18	6	N/A	30° & 150° C	N/A
4	WPS-MESB-04	ASME IX 2021	GMAW	3G	N/A	N/A	12mm	24mm (max)	ER308LSi	5.9	6	8	30° & 150° C	N/A
5	WPS-MESB-05	ASME IX 2021	GTAW	6G	6 INCH	UNLIMITED	7.11mm	7.11- 14.22mm	ER308LSi	A5.9	6	8	30° & 150° C	N/A
6	WPS-MESB-06	ASME IX 2021	GTAW & SMAW	6G	N/A	N/A	7.11mm	7.11- 14.22mm	TGS50 & E7018	5.18 & A5.1	6	1	30° & 150° C	N/A
7	WPS-MESB-07	ASME IX 2021	SMAW	4G	N/A	N/A	15mm	15mm-30mm	E7018	A5.1	5	8	30° & 150° C	N/A

Note:

METHODICAL is certified as a COMPETENT welding contractor & inspector based on the APPROVED Welding Procedure Specification (WPS) issued by BUREAU VERITAS since 2021.

11.0 MACHINERY LIST



Sheet Cutting Machine



Ironworker Machine



Hydraulic Bending Machine



Laser Cut Machine



Plasma Cutting Machine



Hydraulic Press Machine



Plate Rolling Machine



Cut-off Saw Machine



Lathe Machine



Boring Machine



Miling Machine



Sloting Machine



Shaping Machine



Bench Drilling Machine



Radial Drilling Machine



Pipe Threading Machine



LVD-HD Hydraulic Shearing Machine



Auto Motor Bearing Machine



Waytrain Bandsaw Machine



Press Break Machine



Straight Line Cutter



Hydraulic Pipe Bender



Hand OP Rolling Machine



Rolling Triple Axle Machine



Rounddo Profile Bending Machine



Quasa Diesel Welder Generator



Bosch Optical Leveller



Drilling Machine



Band Saw Machine



Gear Hobbing Machine



Gear Shaper Machine



Gear Shaving Machine



Straight Bevel Generator



Worm Thread Milling Machine



Keyway Milling Machine



Gear Grinding Machine



Gear Grinding Machine



Gear Chamfering Machine



Shaving Cutter Sharpener



Hob Sharpening Machine



Double Column Machine Centre



Bed Type Universal



Lathes, Vertical Lathes



CNC Lathe, CNC Milling



CNC Wire Cut



EDM Machine



**Sunderland Gear Planner N19, 27, 30
& 26 (Double Helical)**



NC External & Internal Grinder



External & Internal Grinder



Surface Grinder



Worm & Thread Grinder



Radial Drill

DETAILS OF MACHINERIES AND EQUIPMENTS

NO	ITEM	QTY	REMARKS
1	LATHE MACHINE	1	Ø 400MM X 2500MM L
2	LATHE MACHINE	1	Ø 900MM X 4000MM L
3	LATHE MACHINE	1	Ø 700MM X 3000MM L
4	LATHE MACHINE	1	Ø 2000MM X 1500MM L
5	LATHE MACHINE	1	Ø 1500MM X 2000MM L
6	BORING MACHINE	1	Ø 2000MM X 1200MM L X 900MM L
7	MILLING MACHINE	1	
8	SLOTING MACHINE	1	
9	SHAPING MACHINE	1	
10	BENCH DRILLING MACHINE	3	
11	RADIAL DRILLING MACHINE	1	
12	PIPE THREADING MACHINE	1	Ø 3"
13	HYDRAULIC PRESS MACHINE	1	
14	HYDRAULIC BENDING MACHINE	1	
15	LVD-HD HYDRAULIC SHEARING MACHINE	1	
16	GEKA IRONWORKER MACHINE	2	
17	AUTO MOTOR BEARING MACHINE	1	
18	WAYTRAIN BANDSAW MACHINE	1	
19	PRESS BREAK MACHINE	1	160 TONNES
20	PRESS BREAK MACHINE	1	300 TONNES
21	CNC PLASMA CUTTING MACHINE	1	10' X 20' TABLE THICKNESS : 1mm TO 25mm
22	CNC PLASMA CUTTING MACHINE	2	5' X 10' TABLE THICKNESS : 1mm TO 16mm
23	STRAIGHT LINE CUTTER	2	
24	HYDRAULIC PIPE BENDER	1	
25	HAND OP ROLLING MACHINE	1	
26	ROLLING TRIPLE AXLE Ø4" X 4'(LG) MACHINE	1	Ø5" - Ø12" x 4' (LG) THICKNESS : 1mm - 4 mm
27	ROLLING TRIPLE AXLE Ø4 1/2" X 4'(LG) MACHINE	1	Ø6" - Ø15" x 4' (LG) THICKNESS : 1mm - 6 mm
28	ROLLING TRIPLE AXLE Ø6 1/2" X 5'(LG) MACHINE	1	Ø7" - Ø20" x 5' (LG) THICKNESS : 1mm - 8 mm
29	ROLLING TRIPLE AXLE Ø8" X 5'(LG) MACHINE	1	Ø9" - Ø72" x 5' (LG) THICKNESS : 2mm - 10 mm
30	ROLLING TRIPLE AXLE Ø10" X 8'(LG) MACHINE	1	Ø11" - Ø72" x 8' (LG) THICKNESS : 2mm - 8mm
31	ROLLING TRIPLE AXLE Ø14" X 10'(LG) MACHINE	1 EACH	Ø16" x 10' (LG) THICKNESS : 9mm - 12mm
			Ø16" x 5' (LG) THICKNESS : 12mm - 20mm
			Ø16" x 4' (LG) THICKNESS : 20mm - 35mm
32	ROUND PROFILE BENDING MACHINE	1 EACH	FLATBAR : Ø16"(min.) x 2"(W) TO 4"(W)
			ANGLE BAR : Ø18"(min.) x 1 1/2" (W) TO 3"(W)
			CHANNEL : Ø20 x(min.) x 2"(W) TO 4"(W)
			PIPE : 1" TO 4"
33	QUASA DIESEL WELDER GENERATOR	2	
34	BOSCH OPTICAL LEVELLER	1	
35	SHEARING CUT 8'(LG) MACHINE	1	THICKNESS : 2mm TO 8mm X 8'(LG)
36	SHEARING CUT 10'(LG) MACHINE	1	THICKNESS : - 2mm TO 10mm X 10'(LG) - 10mm TO 12mm X 5'(LG)
37	LASER CUT	1	
38	DRILLING MACHINE	2	Ø3mm TO Ø46mm
39	BAND SAW MACHINE	2	6" THK max.

12.0 COMPANY EXPERIENCES

COMPANY EXPERIENCES

No	Year	Project	Industry
1	2024	Supply & Install Geomembrane For Heap Leach Plant	Mining
2	2024	Construct Of Processing Plant And Warehouse	Mining
3	2023	Fabrication & Installation Heap Leach Plant Process Line Equipment	Mining
4	2023	Steam Piping From Furnace to Chimney	Rubber Manufacturer
5	2023	Building Erection	Commercial
6	2023	Fabrication And Installation Of Structure, Vessel And Piping	Paint Manufacturer
7	2023	Supply, Fabricate, Galvanize & Erection of Piperack Extension	Oleo Chemical
8	2023	Piping Works & Equipment Installation (Ep5)	Oleo Chemical
9	2023	Debottlenecking Osbl Piping Work	Oleo Chemical
10	2023	Pre Heater Installation and Piping Modification (P36x)	Oleo Chemical
11	2023	Pre Heater Installation and Piping Modification (P27)	Oleo Chemical
12	2022	Evaporative Condensor to Spiral Freezer Piping	Food Manufacturing
13	2022	Evaporative Condensor to Spiral Freezer Piping	Food Manufacturing
14	2022	Cooling Piping for Dpa Cooling Tunnel	Rubber Manufacturer
15	2021	Cold Water Piping for Hot Thirst Quench Chamber	Steel Mill
16	2021	Release Duct From Furnace to Spark Arrestor	Steel Mill
17	2021	Release Duct From Furnace to Spark Arrestor	Steel Mill
18	2021	Dust Collection Piping (Axial Cyclone To Collector)	Steel Mill
19	2021	Fire Chamber to Polymer Oven	Glove Manufacturer
20	2021	Fire Chamber to Latex Oven	Glove Manufacturer
21	2021	Dry Condense Powder Piping from Tote Bin to Packing	Dry Food Manufacturer
22	2020	Cip And Nitrogen Outlet Piping from Mixer Plant to Discharge Room	Liquid Food Manufacturer

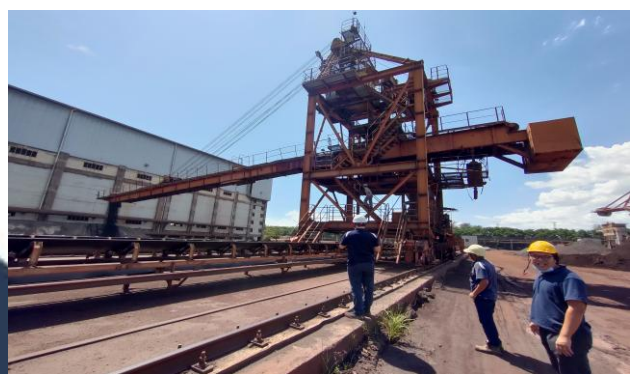
Note

Listed Only For Project Above RM100k

Project Listed From Year 2020

13.0 GALLERY

A. Custom Fabrication & Installation



A. Custom Fabrication & Installation



Continuous Sludge Dryer



Rubber Carbonator Machine and Distillation Machine



Long Fiber Dryer



A. Custom Fabrication & Installation



Shredder and Magnetic Separator



Fully automatic continuous carbonation machine



Batch Type Sludge Dryer



Carbonator for Recycling Rubber



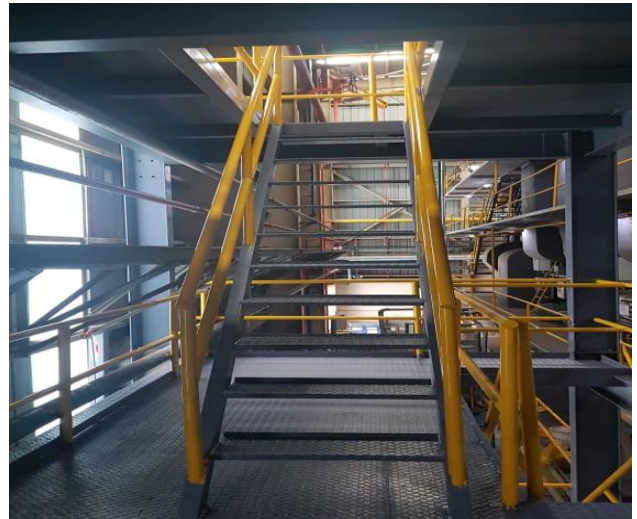
B. Repair & Maintenance



C. Construction



C. Construction



D. Roofing & Structure

- Site Office Roofing Shed



D. Roofing & Structure

- Installation of Roofing, Structure and Gutter



D. Roofing & Structure

- Parking Roofing & Structure



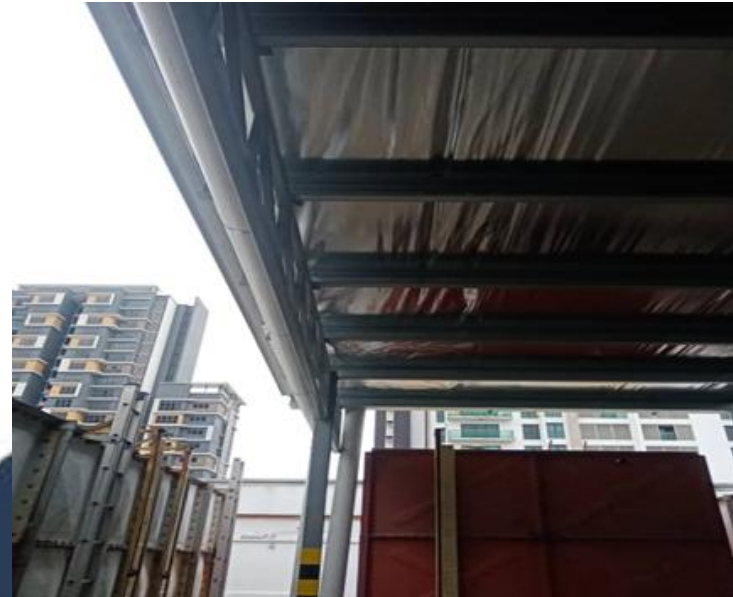
D. Roofing & Stucture

- Factory Roofing & Truss



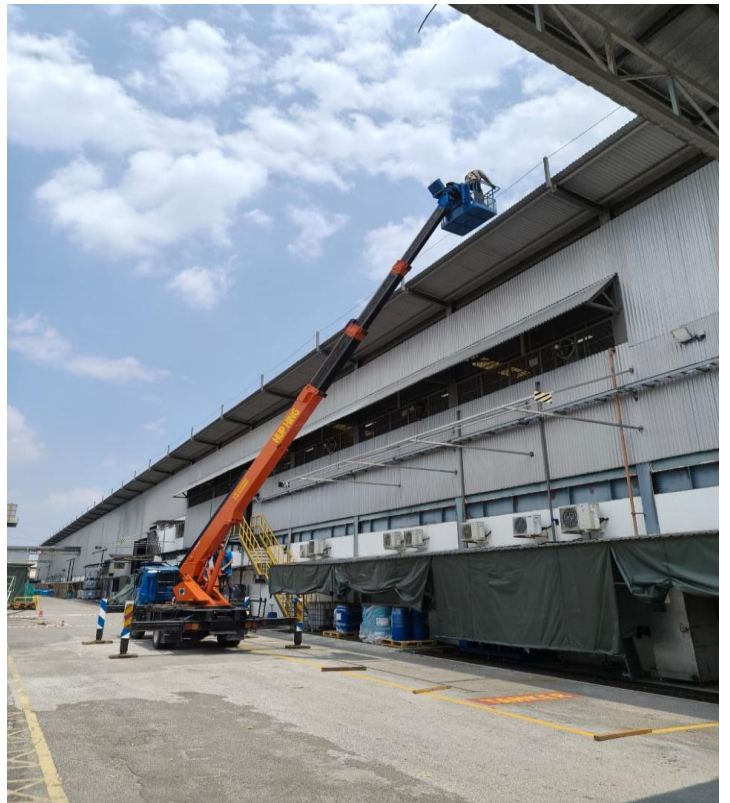
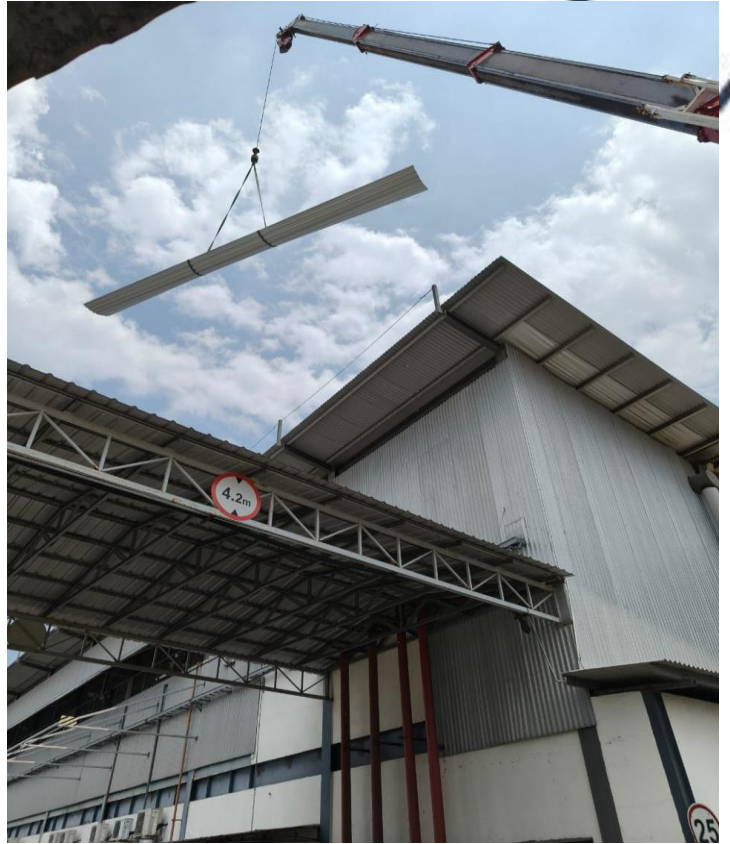
D. Roofing & Structure

- Carpark Roofing, Truss & Structure
- Installation of Bubble foil



E. Roofing & Cladding

- Factory Roofing & Cladding
- PVC Strip Installation for Door

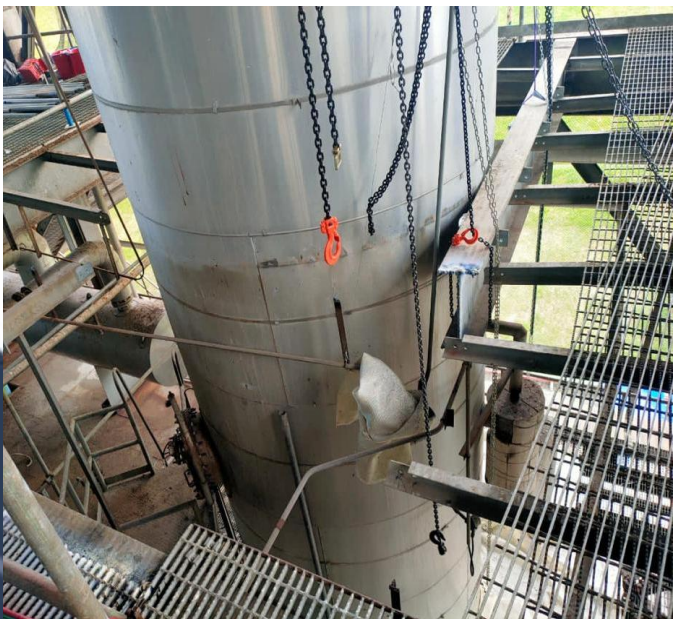




14. PROJECT REFERENCES

A. Oleo Chem Industry

- Preheater Installation
- Structure Refurbishment
- Candle Cleaning
- Piping Installation



B. Glove Industry

- Replace New Acid Tank
- Replace New Alkaline Tank
- Line Structure Refurbishment
- Design And Build Fire Chamber



C. Food Industry

- Compressor Installation
- Condensate Tank Installation
- Piping Installation
- Cutting Machine Fabrication



D. Metal Steel Mill

- Dust Collector Fabrication
- Cyclone Fabrication
- Stacker Fabrication/Installation
- Bucket Excavator Repairing
- Piping Installation



E. Mining Industry

- Line Modification
- Line Installation
- Dryer And Kiln Repairing



F. Chimney

- Chimney Fabrication



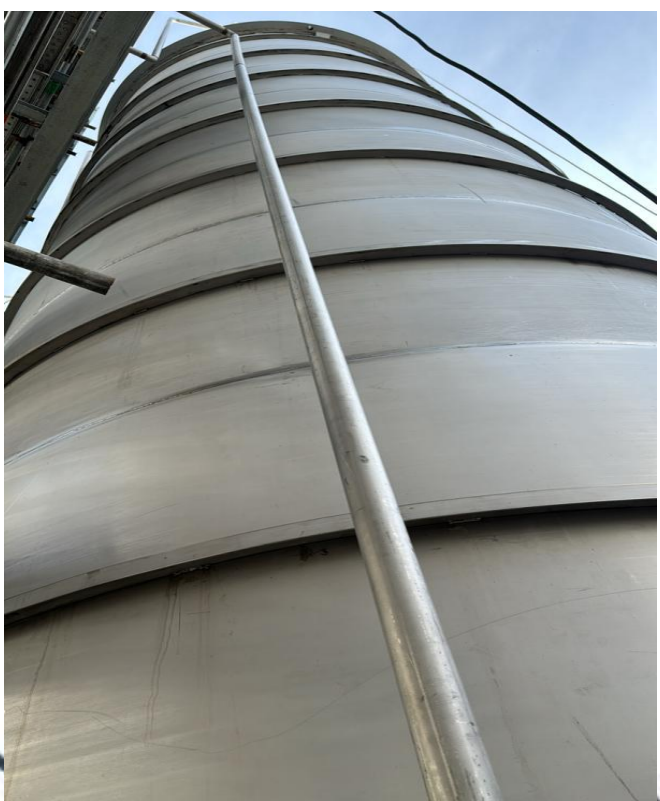
F. Chimney

- Chimney Fabrication



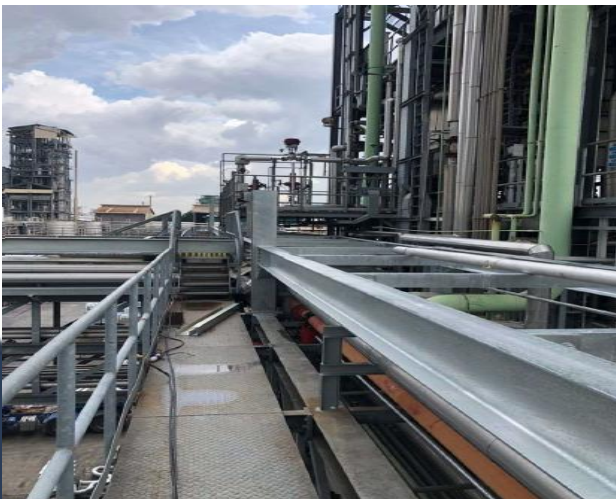
G. Piping & Equipment Installation

- Piping Installation
- Equipment Installation



H. Piperacks

- Piperack Installation



I. Commercial

- Factory Construction
- Commercial Decoration Structure



I. Conveyor

- Conveyor Fabrication
- On-site Installation



J. Telecommunication Tower

- Fabrication
- Erection



K. Ducting

- Fabrication
- Erection



L. Ducting - Hopper

- Fabrication
- Erection



M. Ducting, Pipe & Support

- Fabrication
- Installation



M. Ducting, Pipe & Support

- Fabrication
- Installation



M. Ducting, Pipe & Support

- Fabrication
- Installation



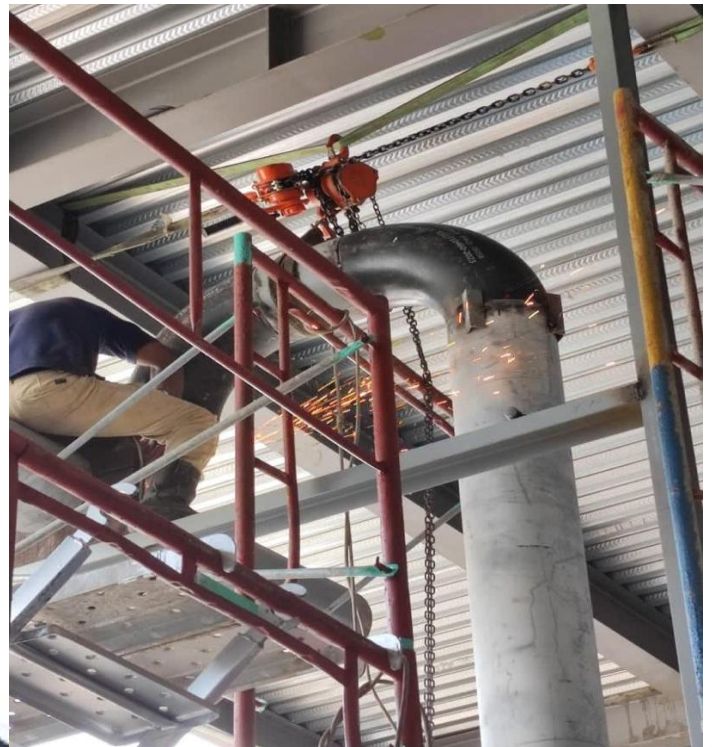
M. Ducting, Pipe & Support

- Fabrication
- Installation



M. Ducting, Pipe & Support

- Fabrication
- Installation



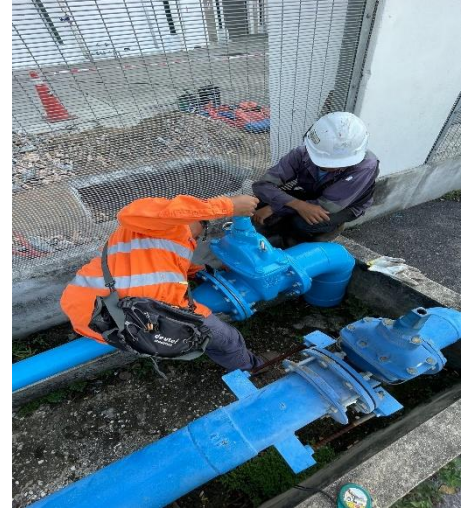
N. Water Piping Work

- Installation of MSCL and Poly piping
- Installation of pipe fitting and accessories



N. Water Piping Work

- Installation of MSCL and Poly Pipe
- Installation of pipe fitting and accessories



CONTACT US

Email : info@methodical.com.my

Whatsapp us for more inquiries:

012-9981320



Please visit our website:

<https://www.methodical.com.my/>



Come to our place:



Thank You.