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ZEC Engineering Sdn Bhd

COMPANY PROFILE



POWER & CONTROL
SPECIALIST
2024

Our core principles include dedication to our clients, respect for others, performance focus, teamwork, and taking calculated risks.

HISTORY

This company was incorporated in 31st May 2010 with the head office located in Johor Bahru, Johor, MALAYSIA. ZEC Engineering Sdn Bhd wholly owned a Bumiputera company staffed by experienced Engineers, Supervisors and Technicians. Our concept is to carry out the Engineering works, Procurement, Construction, Installation, Testing and Commissioning through consultation, design, maintenance, repair service, turnkey project and finally commission the equipment with establish standard.

Our company mainly undertakes the design, manufacture, install and maintenance and service Medium Voltage (MV), Low Voltage (LV) and Extra Low Voltage equipment such as Switchgear Panel, Distribution Transformer, LV Panel, Motor Control Centre (MCC) and PLC Panel.

Our Visions :

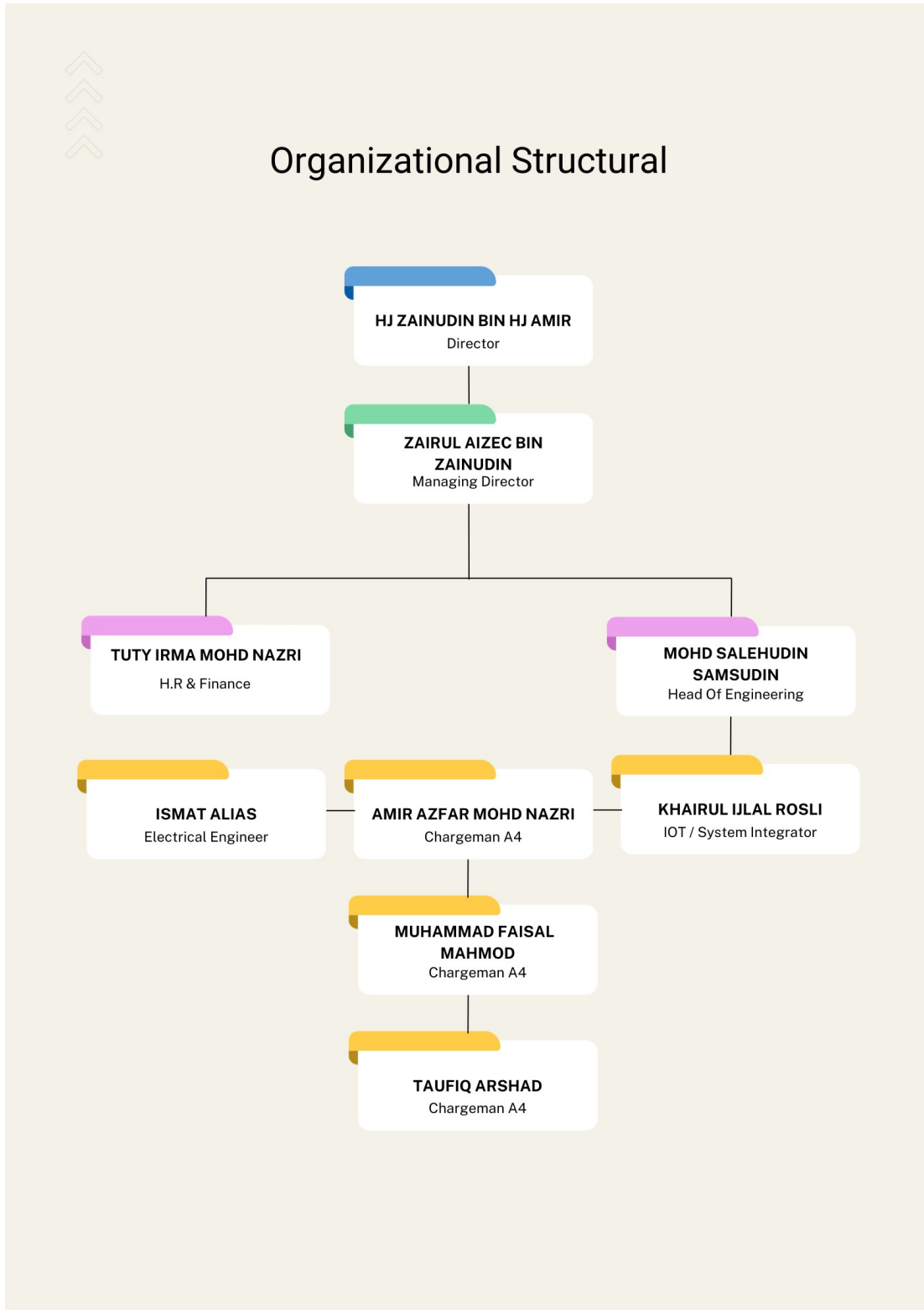
- We bring our client more safety, more Reliability, more performance, more comfort, throughout the service of our installation.
- “Smart Electricity” and “Smart Automation” is already in our reality. We will create new opportunities for automation and electricity management.
- Our values – commitment to client, respect for people, performance obsession, team spirit and risk taking.



CORPORATE INFORMATION

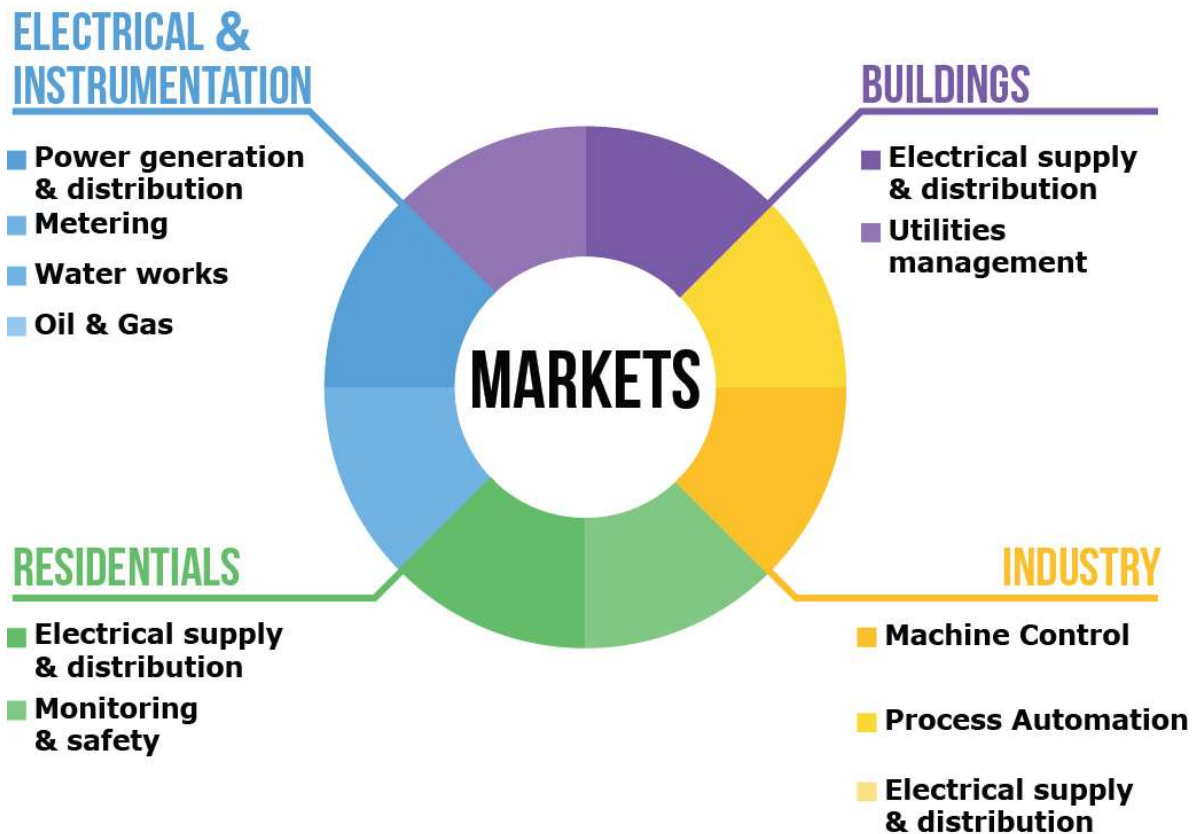
Company Name	:	ZEC ENGINEERING SDN BHD
Date of Incorporation	:	31 May 2010
Registration No.	:	201001018995 (902703-X)
Office Address	:	No. 23B, Jalan Sagu 33, Taman Daya, 81100 Johor Bahru, Johor Darul Takzim, MALAYSIA.
Telephone No.	:	+607 353 7299
Facsimile No.	:	+607 353 7284
Email	:	admin@zecsb.com
Website	:	www.zecsb.com
Bankers	:	Bank Islam Malaysia Berhad (Pasir Gudang Branch) AmIslamic Bank (Pasir Gudang Branch)
Company Secretary	:	NFZ Secreterial & Management Services No.25-01/1, Jalan Permas 9/1, Taman Permas Jaya, Johor Bahru, Johor Darul Takzim.
Registered with	:	Suruhanjaya Tenaga - Class C CIDB (G2, Taraf Bumiputera) Kementerian Kewangan (Taraf Bumiputera) FGV Holdings Berhad (G2)

MANAGEMENT AND STAFF CHART



MARKETS

Unrivalled expertise and outstanding services are the hallmarks of ZEC Engineering Sdn. Bhd. Operations focusing on four key markets : Industrial, Commercial, Energy Infrastructure and Residential.

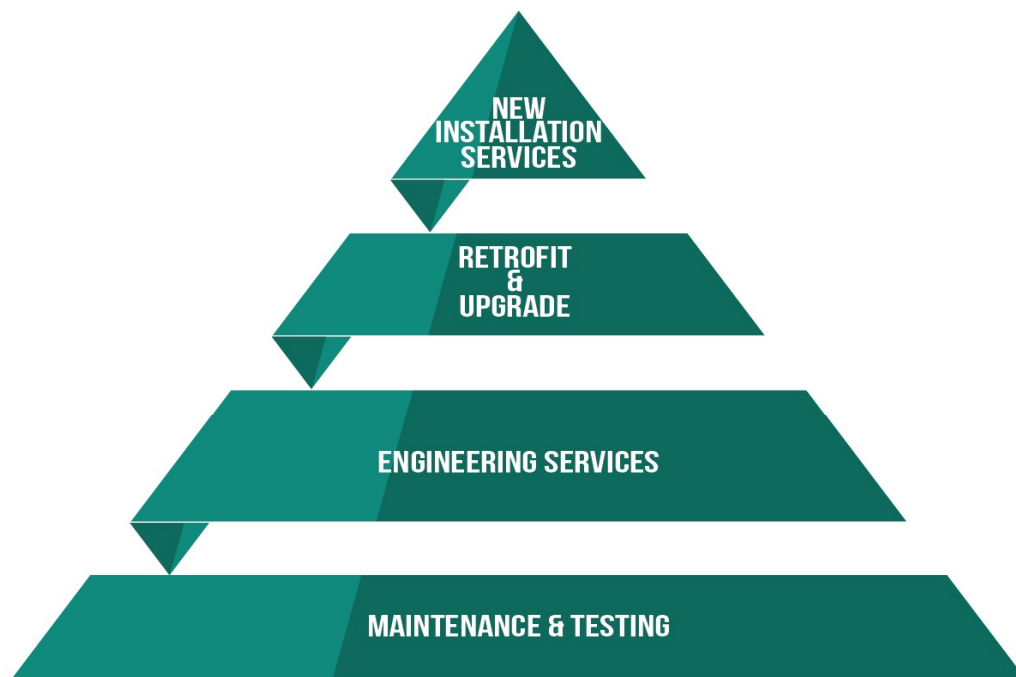


Our trained technicians are capable of resolving the most complex of electrical issues, they have built a solid reputation with the market, with client satisfaction, guaranteed.

SCOPE OF SERVICES

To increase customer satisfaction and keep installations up and running. ZEC Engineering Sdn. Bhd. Offer a wide range of service solutions to support customers ongoing electrical requirements. Our services are design to enhance performance and improve reliability. Total solutions that provide support packages covering the entire life cycle of your project, or a combination of services to complement your resources and knowledge that can be offered.

Our services cover most of major manufacturers electrical equipment. Our wealth of knowledges, experiences and practical hands-on approach comes from being at the core of a major company. This enables us to provide innovative and unrivalled expertise in electrical distribution and automation systems.



Our technical know-how and many years of experience means that we can provide innovative solutions.

WHAT WE DO

01

Inspection and maintenance

- HT/LV Switchgear
- Motor Control Center (MCC Panel)
- Integrated Motor Control Center (IMCC Panel)
- Preventative (PM) and Corrective Maintenance (CM)
- Parts procurement and maintenance
- System modification
- Protection relay calibration

02

Electrical Data Collection,
Monitoring & Analysis
Services

- Power Quality Monitoring & Analysis
- Electrical data and trending system
- Energy audit
- Electrical system troubleshooting

03

Earthing and Lightning
Protection System (LPS)
Services

- Audit earthing system network & lightning protection
- Inspect, test and measure existing system
- Provide rectification, preventative maintenance, and improvements proposals.

04

Maintenance & Rectification
Works For Instrument
& Control Systems

- Cabling and wiring works
- Troubleshooting
- Equipment calibration
- Instrument procurement & maintenance
- Preventative maintenance & corrective maintenance

05

Instrumentation and
Control Systems

- System design and development
- Systems panel fabrication
- Troubleshooting and testing
- Commissioning support
- Consultation

POWER

At ZEC Engineering Sdn. Bhd., our highly experienced team members are dedicated to the creation of innovative solutions based on client specific requirements and are prepared to design, construct, and troubleshoot even the most complex installations.

- Main Switch Board Installations
- Power & Control Wiring for Processing and Manufacturing Equipment
- Power for Commercial & Industrial Projects
- Emergency Services

SYSTEM DISTRIBUTION :

- New Construction and Terminations
- Cable section replacement for faulty circuits
- Reconstruction & Emergency Restoration
- Uninterruptable Power Systems
- Generator System Installation
- Preventive Power Maintenance Programs
- Equipment Relocations, Additions & Alterations

MISCELLANEOUS MAINTENANCE :

- Equipment Relocation
- Cable relocations



PANEL SYSTEMS

For over 10 years, ZEC Engineering Sdn. Bhd. and our electrical and control panel fabrication division has been capable of meeting our customer's needs in engineering, design and fabrication. Our custom panels and system assemblies range from small single junction box assemblies to multiple enclosure PLC and DCS systems.

Our Capabilities include :

- Power Distribution Panel
- Control Panels
- PLC & DCS Systems
- Single & Multiloop Control System Panels
- Motor Control Centre
- Designing, Fabrication, Testing, Installation & Labelling



TECHNICAL SERVICES

ZEC Engineering Sdn Bhd suit of maintenance and services encompasses :

- Electrical Panel, Standby Generator , Pumps
- Medium Voltage Panel installation, maintenance, and servicing
- Lighting System

AUTOMATION AND CONTROL SYSTEMS

Our offer includes a complete PLC, DCS and RTU system as well as a wide range of control products that can be used individually or combined to create cost effective solutions :

- Machine control and monitoring system
- Process Automation
- Single-site or multi-site production data management



LIST OF PROJECTS

The following list shows the previously completed projects done by ZEC Engineering Sdn. Bhd. :

Year 2023

Jabatan Agama Islam Negeri Johor	Repair work and related work at Sekolah Menengah Agama Parit Raja, Batu Pahat, Johor
Synergy Mall Management Sdn Bhd	Recalibration of protection relay at HT Room and LV Room, Bangunan KOMTAR, Johor Bahru, Johor
JFE Engineering (M) Sdn Bhd	LV MCC Modification Works at Idemitsu SM (Malaysia) Sdn Bhd, Pasir Gudang, Johor
Medivest Sdn Bhd	Genset servicing works at Hospital Sultanah Aminah, Johor Bahru, Johor
Edgenta Facilitis Management Sdn Bhd	Genset servicing works at Pusat Pentadbiran Kerajaan Negeri Johor, Iskandar Puteri, Johor
SWM Environment Sdn Bhd	Genset servicing work at Landfill Kulai-Ulu Tiram, Johor Bahru, Johor
Columbia Asia Sdn Bhd	Lightning Protection System installation work at Columbia Hospital Iskandar Puteri, Johor

Year 2022

Suez Water Technologies & Solutions	18.5KW Variable Speed Drive (VSD) Panel at RAPID, Pengerang, Johor
Institut Kemahiran MARA, Johor Bahru	To supply and install Genset Fuel Actuator
Damansara Assets Sdn Bhd	To supply and install Fuel Priming Pump and Fuel Solenoid for 750KVA Standby Genset
Petronas Gas Pasir Gudang	To supply and install Digital Power Meter
Medivest Sdn Bhd	To supply and install Transformer Temperature Controller At Hospital Sultan Ismail, Johor

Year 2021

Bumisubsea Sdn Bhd	To carry out electrical inspection for ROV Control Van Tiger 880, Tiger 845, Panther PXTF
MKR Hartamas Sdn Bhd	Electrical wiring and distribution panel installation work at ABM Selatan, Johor
MICLIM Industries Sdn Bhd	To supply and install Building Management System for KPRJ Stadium, Johor
Swis Resources Sdn Bhd	To supply Electrical Switchboard for Package 14, RAPID, Pengerang, Johor.

Year 2020

Columbia Hospital

To carry out genset servicing work for 500KVA Standby Genset

Kristal Aqua Management Sdn Bhd

To supply and install Remote Terminal Unit for Si Rusa Reservoir , SAINS

SAJ Ranhill Sdn Bhd

Onsite troubleshooting work for Automatic Change Over System At SAJ Ranhill HQ

PUB Singapore

To carry out troubleshooting, servicing and repairing for Pump Starter Panel at Johor Water Works, Kota Tinggi

Year 2019

Khidmat Hijau Sdn Bhd

To supply and install Pressure Transmitter and to make good Booster Pumping System at Istana Polo, Johor

EFCO Pasir Gudang

To supply and install Lightning Protection System at EFCO Warehouse, Pasir Gudang

Majlis Perbandaran Pasir Gudang

To supply and install PLC and Control System for Sewage Treatment Plant at STP 1, Pasir Gudang, Johor



KEMENTERIAN KEWANGAN MALAYSIA
SIJIL AKUAN PENDAFTARAN SYARIKAT

NO. SIJIL : K63452637133402592
NO. RUJUKAN PENDAFTARAN : 357-02157433
TEMPOH SAH LAKU : 15/12/2022 - 15/01/2026

Bahawa dengan ini diperakui syarikat :

ZEC ENGINEERING SDN. BHD. (902703-X)
NO. 23B, JALAN SAGU 33
TAMAN DAYA
JOHOR BAHRU
81100 JOHOR BAHRU
JOHOR, MALAYSIA

Telah berdaftar dengan Kementerian Kewangan Malaysia dalam bidang bekalan/perkhidmatan di bawah sektor, bidang dan sub-bidang seperti di Lampiran A. Kelulusan ini adalah tertakluk kepada syarat-syarat seperti yang dinyatakan di Lampiran B. Individu yang diberi kuasa oleh syarikat bagi urusan perolehan Kerajaan adalah seperti berikut :

ZAINUDIN BIN AMIR	540418016091	CHAIRMAN
TUAN ZAIRUL AIZEC BIN ZAINUDIN	810125015439	PROJECT ENGINEER
TUTY IRMA BINTI MOHD NAZRI	810522145560	ELECTRICAL ENGINEER
MOHD SALEHUDIN BIN SAMSUDIN	880310015549	ELECTRICAL ENGINEER

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AB RAHIM BIN AB RAHMAN
Bahagian Perolehan Kerajaan
b.p. Ketua Setiausaha Perbendaharaan
Kementerian Kewangan Malaysia

Tarikh Berdaftar Dengan Kementerian Kewangan Malaysia : 15/12/2022

(Sijil ini adalah cetakan komputer dan tidak memerlukan tandatangan)

NO SIJIL : K63452637133402592
 NO RUJUKAN PENDAFTARAN : 357-02157433
 TEMPOH SAH LAKU : 15/12/2022 - 15/01/2026

BIL	TARIKH DAFTAR BIDANG	KOD BIDANG	KETERANGAN	STATUS
1	08/12/2022	120502	PERTAHANAN DAN KESELAMATAN/ PENGESANAN, PEMANTAUAN DAN PERLINDUNGAN/ PERALATAN PEMANTAUAN DAN PENGESANAN	Aktif
2	08/12/2022	130201	PERALATAN KEJURUTERAAN DAN MESIN PENGELUARAN/ JANAKUASA ELEKTRIK DAN PERALATAN GENERATOR/ALAT GANTI DAN BATERI/ JANAKUASA,PERALATAN/ALAT GANTI/AKSESORI(SECONDARY)	Aktif
3	08/12/2022	130301	PERALATAN KEJURUTERAAN DAN MESIN PENGELUARAN/ SISTEM KUMBAHAN/ PERALATAN SISTEM KUMBAHAN DAN AKSESORI	Aktif
4	08/12/2022	140101	PERALATAN KEJURUTERAAN ELEKTRIK DAN ELEKTRONIK/ MESIN DAN JENTERA PENJANAAN DAN PENGAGIHAN TENAGA ELEKTRIK SERTA AKSESORI/ MOTOR DAN ALATUBAH/ALATGANTI	Aktif
5	08/12/2022	140201	PERALATAN KEJURUTERAAN ELEKTRIK DAN ELEKTRONIK/ STESEN JANAKUASA ELEKTRIK DAN PERALATAN GENERATOR/ALAT GANTI DAN BATERI/ STESEN JANAKUASA, PERALATAN/ALAT GANTI/AKSESORI(PRIMARY)	Aktif
6	08/12/2022	140301	PERALATAN KEJURUTERAAN ELEKTRIK DAN ELEKTRONIK/ KABEL, WAYAR ELEKTRIK DAN AKSESORI/ KABEL ELEKTRIK DAN AKSESORI	Aktif
7	08/12/2022	140302	PERALATAN KEJURUTERAAN ELEKTRIK DAN ELEKTRONIK/ KABEL, WAYAR ELEKTRIK DAN AKSESORI/ WAYAR ELEKTRIK DAN AKSESORI	Aktif
8	08/12/2022	140503	PERALATAN KEJURUTERAAN ELEKTRIK DAN ELEKTRONIK/ SISTEM, KOMPONEN ELEKTRIK, ELEKTRONIK, LAMPU DAN AKSESORI/ LAMPU,KOMPONEN LAMPU DAN AKSESORI	Aktif
9	08/12/2022	210202	ICT (INFORMATION COMMUNICATION TECHNOLOGY)/ PERALATAN DAN KELENGKAPAN TELEKOMUNIKASI/ SISTEM PERHUBUNGAN/TELEKOMUNIKASI	Aktif
10	08/12/2022	220503	PERKHIDMATAN/ PENYELENGGARAAN/PEMBAIKAN KEJURUTERAAN DAN KOMUNIKASI/ PERKAKAS/SISTEM ELEKTRIK	Aktif
11	08/12/2022	220504	PERKHIDMATAN/ PENYELENGGARAAN/PEMBAIKAN KEJURUTERAAN DAN KOMUNIKASI/ MESIN DAN PERALATAN WOKSYOP	Aktif
12	08/12/2022	221010	PERKHIDMATAN/ KHIDMAT KEBERSIHAN DAN RAWATAN/ KOLAM KUMBAHAN / SISTEM PERAWATAN/TALIAN PAIP/SESALUR.	Aktif

Tarikh Berdaftar Dengan Kementerian Kewangan Malaysia : 15/12/2022



KEMENTERIAN KEWANGAN MALAYSIA

SIJIL AKUAN PENDAFTARAN SYARIKAT BUMIPUTERA

NO. SIJIL : BP63452637133402592
NO. RUJUKAN PENDAFTARAN : 357-02157433
TEMPOH SAH LAKU : 15/12/2022 - 15/01/2026

Bahawa dengan ini diperakui syarikat :

ZEC ENGINEERING SDN. BHD. (902703-X)

NO. 23B, JALAN SAGU 33

TAMAN DAYA

JOHOR BAHRU

81100 JOHOR BAHRU

JOHOR, MALAYSIA

Telah diiktiraf sebagai Syarikat Bumiputera oleh Kementerian Kewangan Malaysia. Taraf Bumiputera bukannya hak dan boleh ditarik balik sekiranya syarikat gagal mematuhi syarat/kriteria yang ditetapkan. Kelulusan ini adalah tertakluk kepada syarat-syarat seperti yang dinyatakan di Sijil Akuan Pendaftaran Syarikat Bumiputera (Lampiran C).

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AB RAHIM BIN AB RAHMAN

Perbendaharaan Malaysia Semenanjung

b.p. Ketua Setiausaha Perbendaharaan

Kementerian Kewangan Malaysia

Tarikh Berdaftar Dengan Kementerian Kewangan Malaysia :

15/12/2022

(Sijil ini adalah cetakan komputer dan tidak memerlukan tandatangan)

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 : 0120140129-JH154842
Nama Kontraktor : ZEC ENGINEERING SDN. BHD.
Alamat Berdaftar : NO. 27-01, JALAN PERMAS 9/1 BANDAR BARU PERMAS JAYA
81750 JOHOR BAHRU
JOHOR
Daerah : JOHOR BAHRU
Tarikh Mula Berdaftar : 29/01/2014

<u>GRED</u>	<u>KATEGORI</u>	<u>PENGGHUSUSAN</u>
G2	B	B04
G2	CE	CE21
G2	ME	E02 E03 E06 E09 E10 E11 E16 E17 E21 E32 M01 M02 M04 M15 M22
G2	ME.	E04

Tarikh Mula Berkuatkuasa : **30/01/2023**

Tarikh Habis Tempoh Perakuan : **13/03/2025**

STATUS: AKTIF



Ketua Eksekutif
Lembaga Pembangunan Industri Pembinaan Malaysia
Tarikh: 30/01/2023



SIJIL PEROLEHAN KERJA KERAJAAN

Adalah disahkan syarikat/Firma ini adalah berdaftar dengan Lembaga Pembangunan Industri Pembinaan Malaysia dan tertakluk kepada syarat-syarat termaktub bersama sijil ini.

No. Pendaftaran : 0120140129-JH154842
Nama Kontraktor : ZEC ENGINEERING SDN. BHD.
Alamat Berdaftar : NO. 27-01, JALAN PERMAS 9/1 BANDAR BARU PERMAS JAYA
81750 JOHOR BAHRU
JOHOR
Daerah : JOHOR BAHRU
Tarikh Mula Berdaftar : 29/01/2014

<u>GRED</u>	<u>KATEGORI</u>	
G2	B	(Pembinaan Bangunan)
G2	CE	(Pembinaan Kejuruteraan Awam)
G2	ME	(Mekanikal dan Elektrikal)
G2	ME.	(Mekanikal dan Elektrikal)


PEGAWAI SYARIKAT YANG DITAUHIAHKAN

NO. K/P

MUHAMMAD FAISAL BIN MAHMOOD	910331015809
KHAIRUL IJLAL BIN ROSLI	851204086623
TAUFIQ BIN ARSHAD	961018015327
AMIR AZFAR BIN MOHD NAZRI	831215146291
ZAIRUL AIZEC BIN ZAINUDIN	810125015439

Tarikh Mula Berkuatkuasa : 02/02/2023

Tarikh Habis Tempoh Perakuan : 13/03/2025



Ketua Eksekutif

Lembaga Pembangunan Industri Pembinaan Malaysia

Tarikh: 02/02/2023



PUSAT KHIDMAT KONTRAKTOR

KEMENTERIAN PEMBANGUNAN USAHAWAN DAN KOPERASI
SIJIL TARAF BUMIPUTERA
KONTRAKTOR KERJA

Adalah dengan ini syarikat tuan seperti tercatat di dalam Sijil ini diiktiraf sebagai kontraktor kerja bertaraf Bumiputera. Pemberian pengiktirafan ini adalah tertakluk kepada syarat-syarat termaktub di belakang sijil.

<u>NO. SIJIL PENDAFTARAN</u>	<u>GRED PENDAFTARAN</u>	<u>KATEGORI</u>	<u>TEMPOH SAH LAKU</u>
0120140129-JH154842	G2	B	DARI : 27/02/2023
	G2	CE	HINGGA : 13/03/2025
	G2	ME	
	G2	ME.	

NAMA DAN ALAMAT BERDAFTAR

ZEC ENGINEERING SDN. BHD.
NO. 27-01, JALAN PERMAS 9/1 BANDAR BARU PERMAS JAYA
81750 JOHOR BAHRU
JOHOR
JOHOR BAHRU

PEGAWAI SYARIKAT YANG DITAUULIAHKAN

NO. K/P

MUHAMMAD FAISAL BIN MAHMOOD	910331015809
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AMIR AZFAR BIN MOHD NAZRI	831215146291
ZAIRUL AIZEC BIN ZAINUDIN	810125015439



(DR. NORIMAN BIN ROJULAI)

Pengarah
Pusat Khidmat Kontraktor
Kementerian Pembangunan Usahawan dan Koperasi

Tarikh: 27/02/2023



ST(SJB)JHR/C/KE/01036/2015

NO: 2021/01911

BORANG Q
(peraturan 75)

AKTA BEKALAN ELEKTRIK 1990

**PERAKUAN PENDAFTARAN SEBAGAI
KONTRAKTOR ELEKTRIK**

Mengikut peraturan 75 Peraturan-Peraturan Elektrik 1994, Perakuan ini dikeluarkan kepada

ZEC ENGINEERING SDN. BHD.
(nama syarikat)

dan memberi kuasa kepada pemegang untuk menjalankan perniagaan kerja elektrik sebagai Kontraktor Elektrik di :

**23B JALAN SAGU 33
TAMAN DAYA
81100 JOHOR BAHRU
JOHOR**

(alamat perniagaan dan cawangan)

di bawah kelas :



selama tempoh **5 tahun**** dari tarikh diperbaharui yang ditunjukkan di :

Tarikh diperbaharui : **28/09/2021**
Tarikh Habis Tempoh : **27/09/2026**
No. Pendaftaran : **ST(SJB)JHR/C/KE/01036/2015**
Fi RM : **1,500.00**


Nazlin Binti Ab Alim Sidiki
Pengerah Kawasan
Suruhanjaya Tenaga
Pejabat Kawasan (Negeri Johor
Johor Bahru, Johor