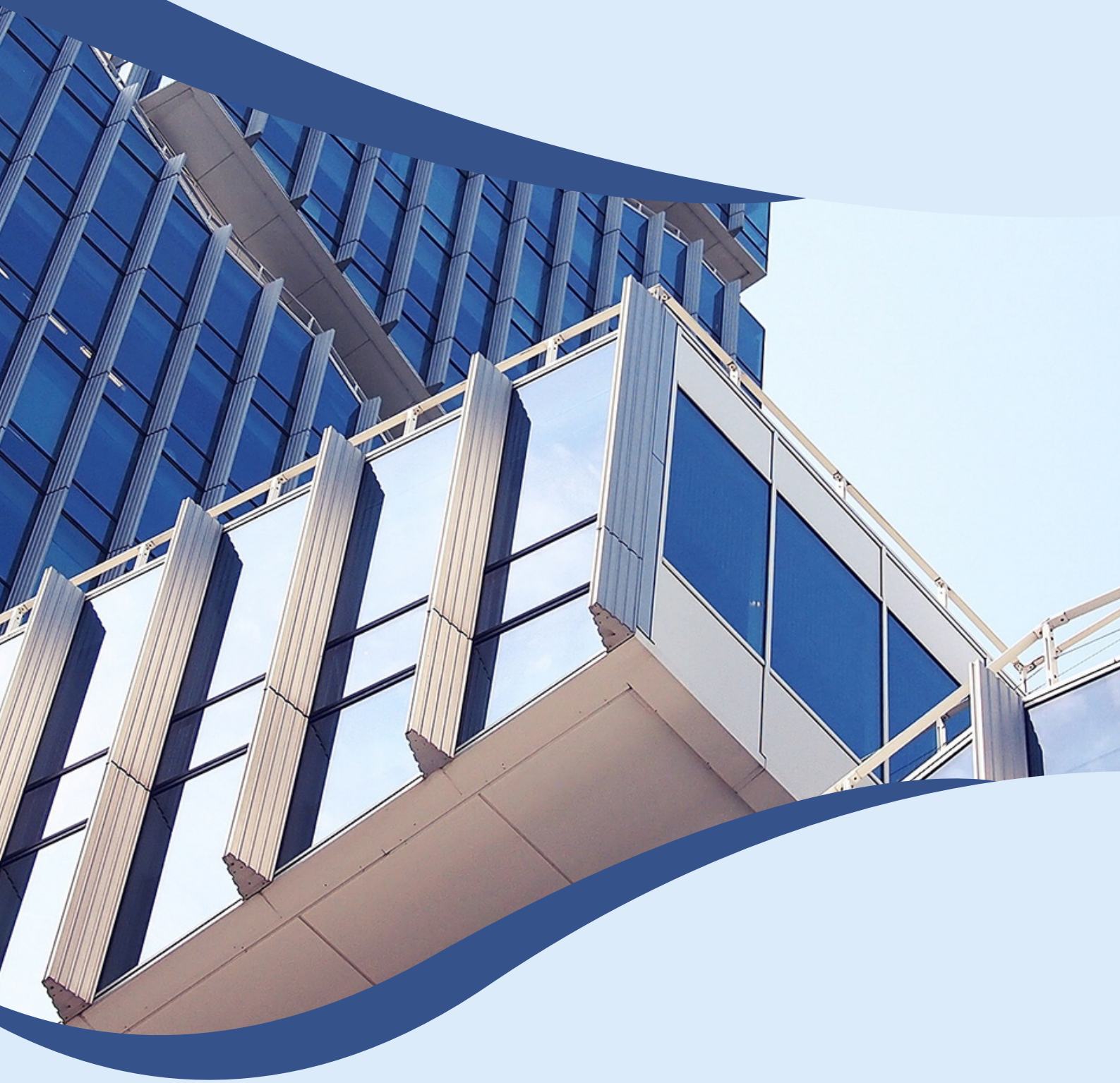
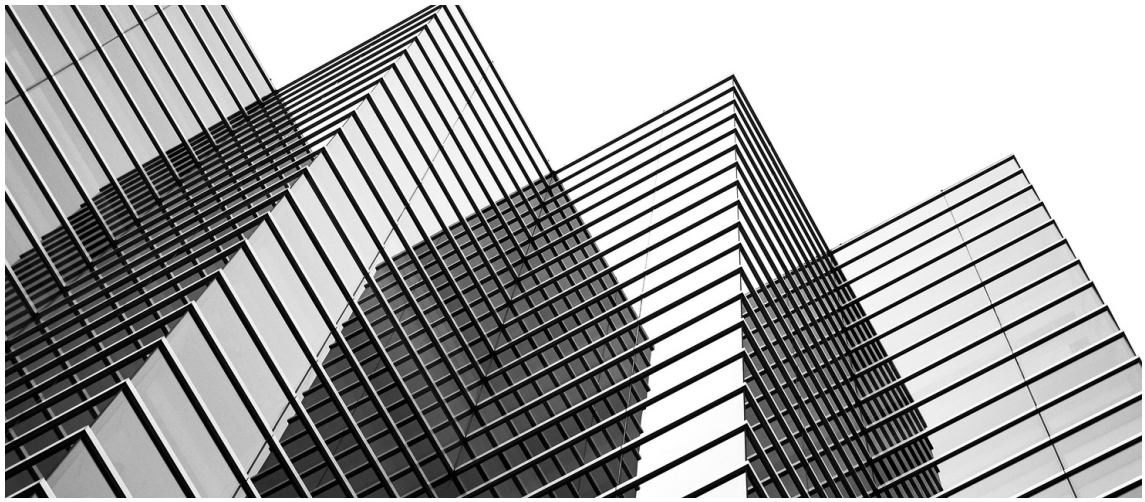
ATOMIC M&E SDN BHD

COMPANY PROFILE

Delivering solutions, Reliability and Engineering



HISTORY & PHILOSOPHY



Mechanical and electrical engineering firm ATOMIC M & E SDN BHD was founded in 2017 by Mr. Hui Joo Jie. Mr. Hui, who began duties in this field since 2014 along with holds prior work experience, academic qualifications of a bachelor's degree in physics, master's degree in mechanical engineering, and forthcoming Ph.D. in mechanical engineering wanted to offer the country expert engineering services in the domains of construction, electrical, mechanical, and other engineering tasks. ATOMIC has executed a large number of commercial and industrial projects of national importance since its founding, providing dependable, effective, and affordable projects to local and international businesses in Malaysia.

To guarantee client satisfaction, ATOMIC is committed to abiding by engineering rules of practice and standards. We take great delight in offering the best services and are capable of taking on the duty to plan, carrying out, and overseeing the complete project on a Malaysia basis. ATOMIC is committed to providing clients with unmatched services through thorough technical support, after-sales care, and a rapid response to customer needs. Our impressive list of offerings and clientele attest to the high caliber of our work and experience.

Thanking and assuring you of our best services and Co-operation.

Regards,
ATOMIC M&E SDN BHD
Hui Joo Jie
Managing Director

COMPANY INFORMATION

ATOMIC M&E SDN BHD

- Registration No : 1259892-T
- Incorporation Date : 13/12/2017
- Address : 14A, Jalan Horizon Perdana 5,
  Taman Bukit Horizon,
  79100 Iskandar Puteri, Johor.
- Contact No. : 607-2342307
  019-7273978
- Email Address :
  Atomic.mne@gmail.com
  Joojie.hui@atomicmne.com.my
- Website: https://www.atomicmne.com.my/
- Directors: Hui Joo Jie
- Accountant: Margaret Lau
- Secretary: Jxy Square Resources
- Auditor: KK Phang & Co.

PRINCIPLE ACTIVITIES

42909

Construction of Other Engineering Projects

43229

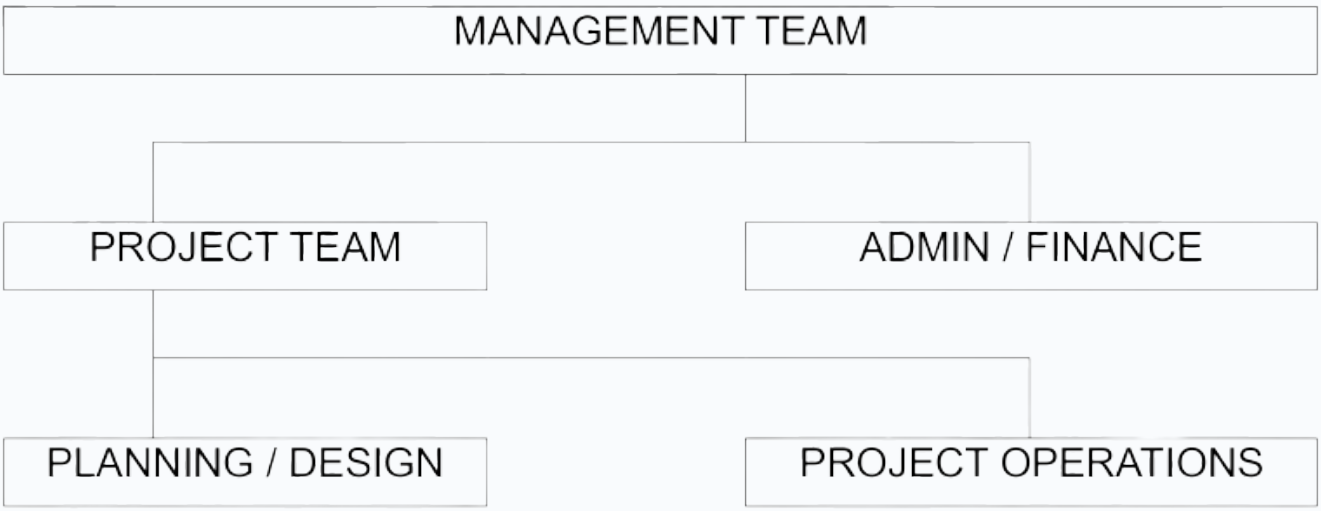
Plumbing, Heat and Air-Conditioning Installation

43225

Installation of Ventilation, Refrigeration or Air-Conditioning Equipment and Ducts

ATOMIC M&E SDN BHD

MANAGEMENT TEAM



OUR MANAGEMENT TEAM

The business is driven by 1 working director and 3 engineers, collectively we accumulated more than 30 years of works experiences in building industry.
We are involved in building construction, project management and administration of the company.
The management team proactively gathers feedback, identifies changes in business environment, reviews work process and communicates key learning points and company policy to all staff at regular meetings.

OUR PEOPLE

Our people are crucial in the delivery of our services and solutions to our clients.
In order to ensure that everyone is equipped with the right skill, knowledge and attitude, a comprehensive training program is put in place to constantly upgrade our people in technical and management skills.

ATOMIC M&E SDN BHD

SERVICES

Dust Collector System

A dust collector system is a type of air pollution control equipment used in industrial and commercial settings to improve air quality by removing airborne dust and other particulate matter from exhaust gases released during manufacturing or processing operations.
The system typically consists of a dust collection unit, which uses filters, bags, or cartridges to trap dust particles, and a fan or blower that draws air through the unit and into a collection hopper or bin for disposal or reuse. Dust collector systems come in various sizes and designs, depending on the type of dust or particulate matter to be captured, the volume of air to be handled, and the specific requirements of the application.

Process Cooling System

A process cooling system is a type of refrigeration system designed to remove heat from a process or application. It is commonly used in industrial applications where high heat loads are generated by equipment such as reactors, furnaces, and injection molding machines.
The system typically consists of a refrigeration cycle that uses a compressor to compress and cool a refrigerant, a heat exchanger to transfer heat from the process to the refrigerant, and a cooling tower or other means of dissipating the heat removed from the process. The cooling system can be designed to provide a specific cooling capacity and temperature range to meet the process requirements.

Fire System

A fire system, also known as a fire protection system, is a network of components and devices that work together to detect and extinguish fires or limit their spread in a building or facility. Fire systems can include components such as smoke detectors, fire alarms, fire sprinklers, fire extinguishers, fire hoses, and fire suppression systems.
The system is designed to quickly detect and respond to a fire, alerting occupants of the building and automatically activating fire suppression systems to control or extinguish the fire. Fire systems must be designed and installed in compliance with local building codes and safety regulations, and must be regularly maintained and tested to ensure that they are functioning properly. In some commercial and industrial settings, fire systems may be required to be interconnected with other building systems, such as HVAC systems or elevators, to ensure a coordinated response in case of a fire.

ATOMIC M&E SDN BHD

SERVICES

Clean Room System

A cleanroom is a controlled environment that is designed to maintain a low level of particulate contamination and other airborne pollutants. Cleanroom systems are typically used in industries such as pharmaceuticals, biotechnology, and electronics manufacturing, where even tiny particles of dust or other contaminants can cause significant damage to products and processes.

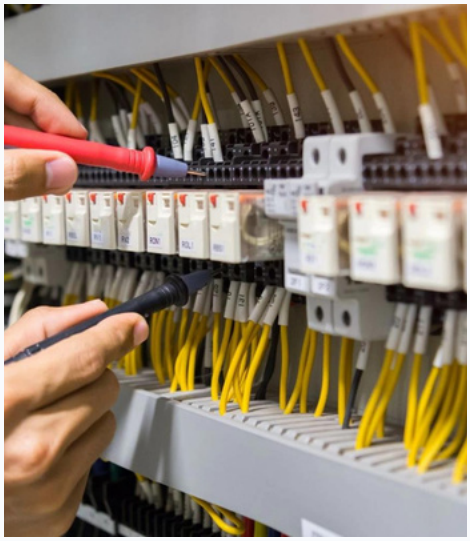
A cleanroom system consists of a variety of specialized components such as air filters, air handlers, HEPA filters, positive pressure systems, and specialized flooring and wall panels. The cleanroom's level of cleanliness is determined by the number of particles per cubic meter of air, which is measured using a particle counter. The level of cleanliness required will vary depending on the specific application, with some cleanrooms requiring a very high level of cleanliness and others requiring only a low level.

The design and implementation of a cleanroom system must take into account a range of factors, including the required level of cleanliness, the size and shape of the room, and the specific needs of the application.

Mechanical and Electrical Engineering Service

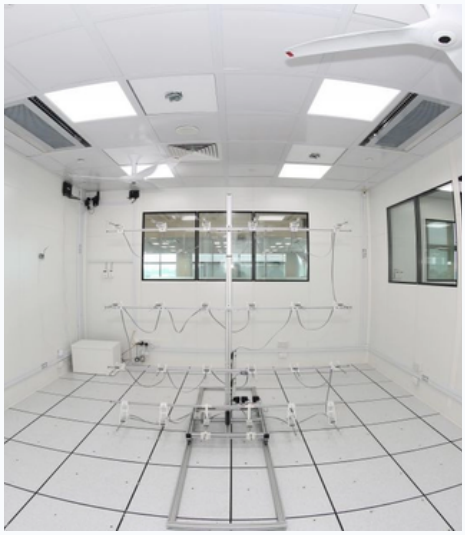
Mechanical Engineering services involve the design, analysis, installation, and maintenance of various mechanical systems and equipment. This includes heating, ventilation, and air conditioning (HVAC) systems, plumbing, fire protection, and energy systems. Mechanical engineers also work on the design of machinery and mechanical components, such as engines, turbines, and industrial equipment.

Electrical Engineering services involve the design, analysis, installation, and maintenance of electrical systems and equipment. This includes power generation and distribution systems, lighting systems, communication systems, and control systems. Electrical engineers also work on the design of electrical components, such as motors, transformers, and electronic devices. They also have expertise in areas like power electronics, signal processing, and electromagnetics.



ATOMIC M&E SDN BHD

SERVICES



ACMV System

ACMV stands for Air Conditioning and Mechanical Ventilation, which is a type of system used in commercial and industrial buildings to regulate indoor air quality and temperature.
The ACMV system typically consists of a network of ducts, fans, filters, and other equipment that work together to circulate air throughout the building and remove contaminants or pollutants.
The system can provide both heating and cooling as required and is designed to maintain comfortable and healthy indoor conditions for occupants. The system can also incorporate features such as humidity control, air filtration, and energy-saving options such as heat recovery.
The design and implementation of an ACMV system will depend on factors such as the size of the building, its occupancy, and its location, as well as the specific requirements and preferences of the building owner or occupants.

Electrical System

An electrical system is a network of electrical components and circuits that work together to provide power, control, and safety in a building or facility. Electrical systems include components such as wires, cables, transformers, switches, circuit breakers, fuses, and outlets.

The system is designed to provide a reliable and safe source of electricity to power lights, appliances, machinery, and other electrical devices. The electrical system must be designed and installed in compliance with local building codes and safety regulations. The electrical system must also be properly maintained and regularly inspected to ensure that it continues to function safely and effectively. In commercial and industrial settings, electrical systems may be more complex and may require specialized expertise to design, install, and maintain.

ATOMIC M&E SDN BHD

LIST OF EXPERIENCES IN PAST PROJECT

Phase 1

Year : 2013-2015
Project : Phase 1
Client : D & Y Textile (Malaysia) Sdn. Bhd.
Main Contractor : Laubros Holdings (M) Sdn. Bhd.
Consultants : Perunding Ace Sdn. Bhd.
Scope : ACMV System Service and Maintenance

Phase 2

Year : 2016-2018
Project : Phase 2
Client : D & Y Textile (Malaysia) Sdn. Bhd.
Main Contractor : Laubros Holdings (M) Sdn. Bhd.
Consultants : Perunding Berkat
Scope : ACMV System Service and Maintenance

Epson Precision Phase 2

Year : 2014-2016
Project : Phase 2
Client : EPSON Precision (Johor) Sdn. Bhd.
Main Contractor : Masai Tat Construction Sdn. Bhd.
Consultants : Perunding Cekap
Scope : ACMV System Service and Maintenance

Adventure Waterpark Desaru Coast

Year : 2015-2018
Project : Adventure Waterpark Desaru Coast
Client : Ashita Engineering Sdn. Bhd.
Main Contractor : Ashita Engineering Sdn. Bhd.
Scope : ACMV System Service and Maintenance

Kluang Mall

Year : 2014-2023
Project : Kluang Mall
Client : Tenaga Nusantara Sdn. Bhd.
Main Contractor : Tenaga Nusantara Sdn. Bhd.
Scope : ACMV System Annual Service and Maintenance

Aman Larkin Scoot Tower

Year : 2018-2022
Project : Aman Larkin Scoot Tower
Client : Ashita Engineering Sdn. Bhd.
Main Contractor : Ashita Engineering Sdn. Bhd.
Scope : ACMV System Service and Maintenance

ATOMIC M&E SDN BHD

LIST OF EXPERIENCES IN PAST PROJECT

The ELS Club Desaru Coast - Valley Course

Year : 2015-2017
Project : The ELS Club Desaru Coast - Valley Course
Client : CY Aircond Electrical Sdn. Bhd.
Main Contractor : CY Aircond Electrical Sdn. Bhd.
Scope : ACMV System Service and Maintenance

SKS City Mall

Year : 2019-2023
Project : SKS City Mall
Client : Ashita Engineering Sdn. Bhd.
Main Contractor : Ashita Engineering Sdn. Bhd.
Scope : ACMV System Service and Maintenance

MSM Sugar Refinery (Johor) Sdn. Bhd.

Year : 2022
Project : MSM Sugar Refinery (Johor) Sdn. Bhd.
Client : Curve Engineering Sdn. Bhd.
Main Contractor : Curve Engineering Sdn. Bhd.
Scope : ACMV System Service and Maintenance

Sunway Citrine Hub

Year : 2016-2018
Project : Sunway Citrine Hub
Client : Ashita Engineering Sdn. Bhd.
Main Contractor : Ashita Engineering Sdn. Bhd.
Scope : Electrical Power System, Control Wiring System, Ductwork System, Toilet Exhaust System, Kitchen Exhaust System.

Sekolah Jenis Kebangsaan (C) Cheah Fah

Year : 2021
Project : Sekolah Jenis Kebangsaan (C) Cheah Fah
Client : Double K Air Conditioning & Engineering Sdn. Bhd.
Main Contractor : Double K Air Conditioning & Engineering Sdn Bhd.
Scope : Electrical Power System, Control Wiring System, Ductwork System, Toilet Exhaust System.

TriTower Residence

Year : 2015-2017
Project : TriTower Residence
Client : Double K Air Conditioning & Engineering Sdn. Bhd.
Main Contractor : Double K Air Conditioning & Engineering Sdn. Bhd.
Scope : Electrical Power System, Control Wiring System, Ductwork System.

ATOMIC M&E SDN BHD

LIST OF EXPERIENCES IN PAST PROJECT

Amansari Hotel Desaru

Year : 2019-2023
Project : Amansari Hotel Desaru
Client : Double K Air Conditioning & Engineering Sdn. Bhd.
Main Contractor : Double K Air Conditioning & Engineering Sdn. Bhd.
Scope : ACMV System Service and Maintenance

Southern Lion Sdn. Bhd.

Year : 2019-2012
Project : Southern Lion Sdn. Bhd.
Client : Double K Air Conditioning & Engineering Sdn. Bhd.
Main Contractor : Double K Air Conditioning & Engineering Sdn. Bhd.
Scope : ACMV System Service and Maintenance

Polynt Composites Malaysia Sdn. Bhd.

Year : 2021
Project : Polynt Composites Malaysia Sdn. Bhd.
Client : Tialoc Malaysia Sdn. Bhd.
Main Contractor : Tialoc Malaysia Sdn. Bhd.
Scope : VRF Air-Conditioning System, Electrical Power System, Control Wiring System, Mechanical Ventilation System, Ductwork System, Toilet Exhaust System.

Permas Ville Apartment

Year : 2022
Project : Permas Ville Apartment
Client : Double K Air Conditioning & Engineering Sdn. Bhd.
Main Contractor : Double K Air Conditioning & Engineering Sdn. Bhd.
Scope : Electrical Power System, Control Wiring System, Ductwork System, Toilet Exhaust System, Lift Lobby Pressurise System, Smoke Spill Ventilation System.

Invictus International School Horizon Hills

Year : 2021-2022
Project : Invictus International School Horizon Hills
Client : Ashita Engineering Sdn. Bhd.
Main Contractor : Ashita Engineering Sdn. Bhd.
Scope : Electrical Power System, Control Wiring System, Ductwork System, Toilet Exhaust System.

HLN Rubber Industries Sdn. Bhd.

Year : 2023
Project : HLN Rubber Industries Sdn. Bhd.
Client : Hup Huat Engineering Construction Works
Main Contractor : Hup Huat Engineering Construction Works
Scope : Dust Collector System, Electrical Power System, Control Wiring System, Ductwork System.

ATOMIC M&E SDN BHD

LIST OF EXPERIENCES IN PAST PROJECT

Flex Skudai

Year : 2020-2022
Project : Flex Skudai
Client : Tialoc Malaysia Sdn. Bhd.
Main Contractor : Tialoc Malaysia Sdn. Bhd.
Scope : Electrical Power System, Control Wiring System, Ductwork System, ACMV System Service and Maintenance, Water-Cooled Chiller System, Chilled Water Piping System.

Flex PTP

Year : 2020-2022
Project : Flex PTP
Client : Tialoc Malaysia Sdn. Bhd.
Main Contractor : Tialoc Malaysia Sdn. Bhd.
Scope : Electrical Power System, Control Wiring System, Ductwork System, ACMV System Service and Maintenance, Water-Cooled Chiller System, Chilled Water Piping System.

CCL Design

Year : 2018
Project : CCL Design
Client : Magix Habana Enterprise Sdn. Bhd.
Main Contractor : Magix Habana Enterprise Sdn. Bhd.
Scope : Electrical Power System, Control Wiring System, Ductwork System, Air-Conditioning System, 100k Clean Room Setup, Mechanical Ventilation System.

Alcon Johor Sdn. Bhd.

Year : 2021-2022
Project : Alcon Johor Sdn. Bhd.
Client : Tialoc Malaysia Sdn. Bhd.
Main Contractor : Tialoc Malaysia Sdn. Bhd.
Scope : Air-Conditioning System, Electrical Power System, Control Wiring System, Mechanical Ventilation System, Ductwork System.

Celestica Senai & Tampoi

Year : 2019-2021
Project : Celestica Senai & Tampoi
Client : Celestica Electronics (M) Sdn. Bhd.
Main Contractor : Tialoc Malaysia Sdn. Bhd.
Scope : ACMV System Annual Service and Maintenance, Electrical Power System, Control Wiring System, Ductwork System, Cooling Tower Condenser Water System, Water-Cooled Chiller System.

Kluang Mall

Year : 2020-2022
Project : Kluang Mall
Client : Majupadu Development Sdn. Bhd.
Main Contractor : Tenaga Nusantara Sdn. Bhd.
Scope : Contract Annual HVAC Maintenance

ATOMIC M&E SDN BHD

LIST OF EXPERIENCES IN PAST PROJECT

Defined Solutions

Year : 2021
Project : Defined Solutions
Client : Define Solutions Sdn. Bhd. (Dyson)
Main Contractor : YTGC Engineering Sdn. Bhd.
Scope : Electrical Power System, Control Wiring System, Fire Fighting System, Ductwork System, ACMV System Annual Service and Maintenance, Air-Conditioning System, Process Cooling System, Cooling Tower Condenser Water System.

Softgel Manufacturing Sdn. Bhd.

Year : 2022
Project : Softgel Manufacturing Sdn. Bhd.
Client : Softgel Manufacturing Sdn. Bhd.
Main Contractor : WAN LI Engineering Sdn. Bhd.
Scope : Mechanical Ventilation System, Electrical Power System, Control Wiring System, Air-Conditioning System, 100k Clean Room Setup, Dehumidifier System, ACMV system annual service and Maintenance, Ductwork System.

Talula Hill Farm Resort Kluang

Year : 2021
Project : Talula Hill Farm Resort Kluang
Client : Eco Homestead Sdn. Bhd.
Main Contractor : Eco Homestead Sdn. Bhd.
Consultant : PSB Associates Sdn. Bhd.
Scope : Electrical and Controlling for All HVAC Systems, Control Wiring System, Air-Conditioning System, Electrical Power System, Ductwork System.

MSC Cyberport Sdn. Bhd.

Year : 2022
Project : MSC Cyberport Sdn. Bhd.
Client : MSC Cyberport Sdn. Bhd.
Main Contractor : Total Solution M&E Sdn. Bhd.
Scope : Water-Cooled Chiller System, Control Wiring System, Air-Conditioning System, Cooling Tower Condenser Water System, Electrical Power System, Chilled Water Piping System.

Western Digital

Year : 2019
Project : Western Digital
Client : WD Media (Malaysia) Sdn. Bhd.
Main Contractor : Tialoc Malaysia Sdn. Bhd.
Scope : 100k Clean Room Setup, 10k Clean Room Setup, Air-Conditioning System, Electrical Power System, Control Wiring System, Water-cooled chiller system, Mechanical Ventilation System, Dehumidifier system, Chilled Water Piping System, Ductwork System.

BigBox Shopping Mall

Year : 2019
Project : BigBox Shopping Mall
Client : Sunway Iskandar Sdn. Bhd.
Main Contractor : Sunway Construction Sdn. Bhd.
Consultant : GMT consultants Sdn. Bhd.
Scope : Smoke Spill and Kitchen Exhaust Systems, Electrical Power System, Control Wiring System, Ductwork System, Water-Cooled Chiller System, Chilled Water Piping System, Toilet Exhaust System.

ATOMIC M&E SDN BHD

LIST OF EXPERIENCES IN PAST PROJECT

Eco Galleria

Year : 2018-2020
Project : Eco Galleria
Client : Eco World
Main Contractor : Tay Hup Brothers Construction Sdn. Bhd.
Consultant : Greatians Engineers Sdn. Bhd.
Scope : Electrical and Controlling for All HVAC Systems, Ductwork System, Staircase Pressurise System, Lift Lobby Pressurise System, Smoke Spill Ventilation System, Electrical Power System, Control Wiring System, Toilet Exhaust System, Kitchen Exhaust System.

Holiday Inn Hotel (KOMTAR JBCC)

Year : 2019-2020
Project : Holiday Inn Hotel (KOMTAR JBCC)
Client : SKS Hotel Residences and Resorts Sdn. Bhd.
Main Contractor : SKS Hotel Residences and Resorts Sdn. Bhd.
Consultant : Saff-Consultants & Electrical Consulting
Scope : Electrical and Controlling for All Smoke Spill Systems, Control Wiring System, Air-Conditioning System, Electrical Power System, Ductwork System, Staircase Pressurise System, Lift Lobby Pressurise System, Smoke Spill Ventilation System, Toilet Exhaust System, Kitchen Exhaust System.

ATOMIC M&E SDN BHD

THANK YOU