

2024

# BEM

 **OPEN** Day

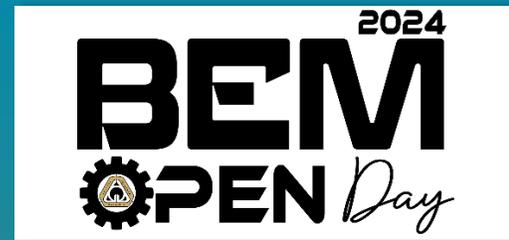
# Starting My Career in the Engineering Profession

*Presenter Name: Ir. Mohd Noramil bin Mohd Daril*

*Date: 13.11.2024*

*Venue: Waterfront Hotel, Kuching, Sarawak*

# Background



51 years old

28 years of experiences

MRSM Jasin

Master in Engineering Management, UiTM

B.Sc in Mechanical Engineering, Bradley Univ., USA

Professional Engineer in Mechanical Discipline

Matsushita

Design



Production /Manufacturing



Design & Manufacturing



Facilities Maintenance



Engineering Management



Sale & Maintenance



Lecturer



Service Maintenance



Entrepreneur



Service



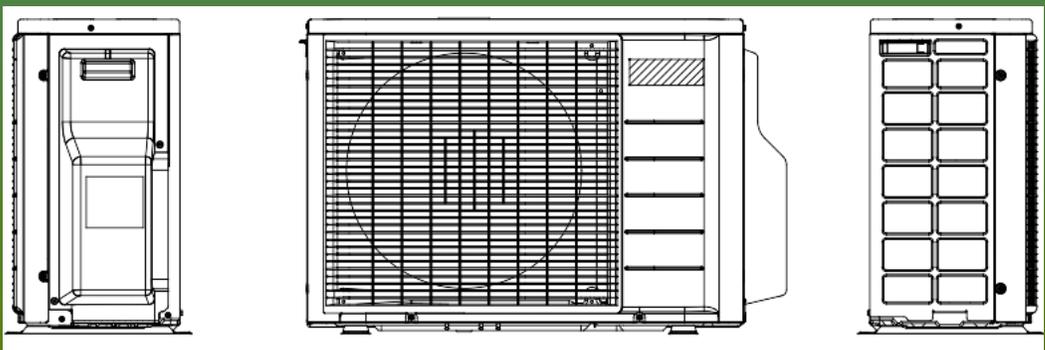
Regulator/ Authority

# MATSUSHITA AIR-CONDITIONING R&D CENTRE: DESIGN



Research & Development

Split Unit Air-Conditioning



Assembly Number: 20-0001  
 Assembly Name: Ever...  
 Assembly Revision: B  
 Approval Date: 24-J...

BOM Level	0	1	2	3	4	5	6	7	8	Part
1	*									2
2		*								2
3			*							4
3			*							5
3			*							5
2		*								2
3			*							2
4				*						4
4				*						4
4				*						4
4				*						4
4				*						4
4				*						4
4				*						4
4				*						4

### Bill of Materials (BOM)

**Assembly** → **Sub-assemblies**

# ZANWA SDN BHD: MANUFACTURING

Manufacturing

1<sup>st</sup> Malaysian HV Oil Immersed Power Transformer

Commissioning





# MANUFACTURING



Design

## Designing

- Use AutoCAD, CADAM, SOLIDWORK
- Applied Standards (IEC, JIS, DIN)
- Used BOM



Production  
/Manufacturing

## Manufacturing:

- Reduce Waste (material, time, space)

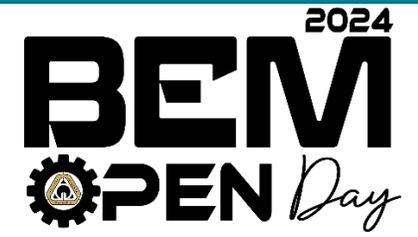


Design &  
Manufacturing

## Commissioning:

- Preparatory work
- Site Condition Survey

# WESTPORTS BERHAD: FACILITIES MANAGEMENT

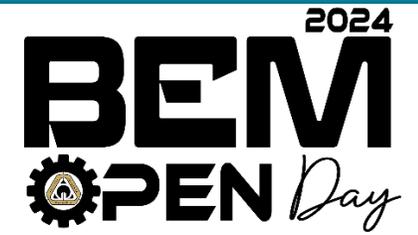


Maintenance

Improvement Project

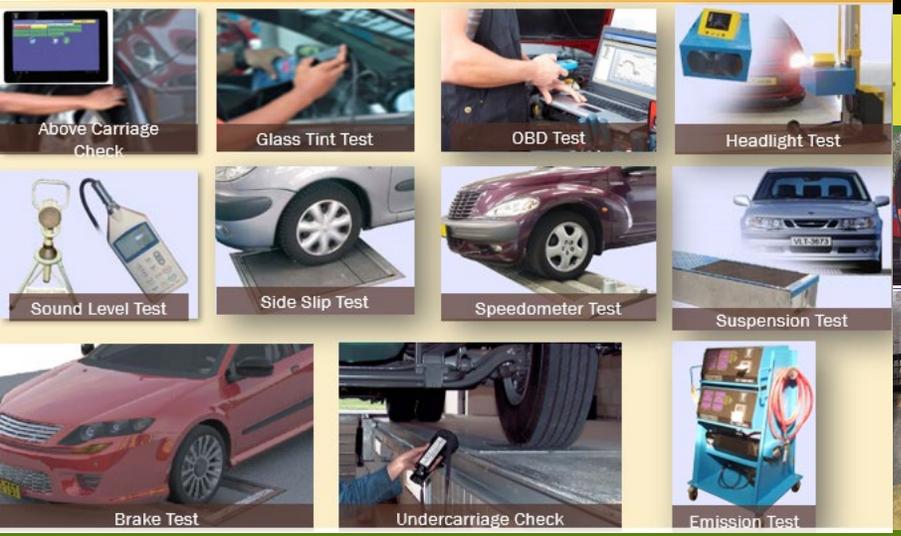


# PUSPAKOM SDN BHD: ENGINEERING AND PROJECT MANAGEMENT

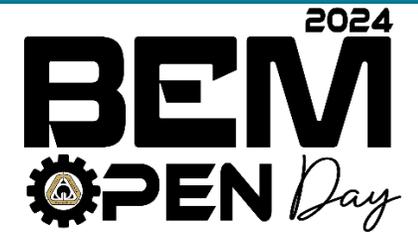


Project Management

Testing & Equipment



# AUTOMOBILE ASSOCIATION OF MALAYSIA (AAM): SERVICES



Service Centre



Call Centre



# ENGINEERING SERVICES



## Facilities Maintenance

### Facilities Maintenance

- Customer Satisfaction
- Cost saving initiatives



## Engineering Management

### Project Management:

- Resource Management



## Service Maintenance

### Services:

- Budgetary
- Customer Satisfaction

# Thank You



**BOARD OF ENGINEERS MALAYSIA**  
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# Question & Answer

