

PESTECH
TECHNOLOGY SDN. BHD.

**RAILWAY ELECTRIFICATION
PLANT AND MACHINERY**

Edition 2019



PESTECH is a listed company in Bursa Malaysia, is well-know for building quality substations, transmission lines and rail electrification solutions that mainly caters for utilities and rail sectors. In order to be the vanguard in the railway electrification sector that was previously dominated by foreign players, PESTECH had invested into a complete range of specialised Rail Electrification Plant and Machineries. We hereby are capable of undertaking complex OCS Installation Projects effectively with the full support of our in-house Plant and Machineries.



Road / Rail Tip Truck with 10t Crane/ Man Bucket
3 Way Tipper - Hiab 6 Ton/m crane

Machinery Task - Mast installation, transport unwanted soil off the working area to the allocated dumping area and for any OCS work at height (to use the crane with its manbucket)



Road / Rail Tip Truck with 10t Crane /Man Bucket (Unimog)
Mercedes Unimog - 9 Tons/m crane

Machinery Task - Mast installation, Mast lifting, OCS Mast dressing and for any OCS work at height (to use the crane with its manbucket)



Wiring Train

Clayton Locomotive, Clayton Equipment

Machinery Task - Main purpose is for OCS wiring work including, REW, FW, Catenary and Contact wire. It also provide support for Mast dressing, Cantilever installation and for OCS work at height.



Lowbed Rail Transporter with Crane

Deutz/Hydraulics

Machinery Transport Capacity - 10 Tons, 10 Meter Length

Machinery Task - As a transporter to transport heavy material/equipment along the track, includes Mast, Cantilever, Concrete Mixer Truck and etc. Also used for Mast installation and for OCS work at height (to use crane with its manbucket)

Lowbed Rail Transporter is used to transport material/equipment on rail during installation and maintainance. Rail Mounted Elevating Works Platform (EWP) Machine with Dummy Pantograph is used for Overhead Catenary System (OCS) Registration.

Rail Mounted (EWP) Machine with Dummy Pantograph (Waiko)

Elevating Work Platform (EWP)

Capacity - 500kg

Machinery Task - OCS Mast dressing, Cantilever installation, OCS Registration and for OCS work at height.





HINO Dutro U350 with Nifty Lift (Manco)

Manco with Nifty AWP80DT
Aerial Work Platform (AWP)

Safe Working Load - 180kg
Up to 6.5m Vertical Reach
Machinery Task - OCS Mast dressing, assist wiring team, Dropper installation and for OCS work at height

Road / Rail Truck with Adjustable Platform (Unimog)
Mercedes Unimog - Elevated Work Platform (EWP)

Safe Working Load - 1120kg
Up to 11m Vertical Reach
Machinery Task - OCS Mast dressing, Cantilevers installation
OCS Registration and for OCS work at height



No.	Type of Machine	Quantity
1	Rail Lowbed Transporter	4
2	Road/ Rail Flat Deck Truck (Unimog)	5
3	Road Road/Rail Truck with Adjustable Platform (Unimog)	2
4	Road/Rail Truck with Auger (Unimog)	1
5	Road/Rail Excavator with Auger	5
6	Road/Rail Manco with Work Platform (AWP)	10
7	Road/Rail Manco with Work Platform (EWP)	2
8	Rail Waiko with Work Platform (EWP)	6
9	Rail Wiring Train (Clayton Loco with completed Wagon Tensioner with Crane)	2
10	Diesel Bowser Truck	1
11	Road Auger Crane	1
12	Road Manitou Telehandler	1
13	Road/Rail 20T Crane with Auger	1



Involved in fast track project involves repair and replace of the damaged Overhead Catenary System (OCS) equipment due to derailment of Train in KTMB Network.

The work covers replacement of OCS Mast, Wires, Cantilever, Droppers, Insulators, Registration, Testing and Commissioning.

Road / Rail Excavator

Machinery Task - Mast installation and excavation work





Pestech Technology Sdn. Bhd. (1075814-X)

Corporate Office:

B2-8-01, Block B2, Meritus @ Oasis
Corporate Park, No 2, Jalan PJU 1A/2,
Ara Damansara, 47301 Petaling Jaya,
Selangor

Tel: +603 7831 2186

Rail Operation Office:

No 3A Jalan Pelukis U1/46A Kawasan
Perindustrian Temasya 40150 Shah
Alam, Selangor Darul Ehsan

Tel: +603 5569 0956