

Visit to Busduct Manufacturing Plant

CONSULTING ENGINEERING SPECIAL INTEREST GROUP

reported by



Ir. Dr Ng Kok Chiang



Mr. Ng Ban Hor (Managing Director) giving the welcoming speech to the visitors



Explaining busduct manufacturing process



Assembly Section



Dielectric Withstand Test

A one-day visit to the LINKK Busway Systems at Balakong was organised by IEM and LINKK Busway Systems on 5 August 2017. The visit is educative as it lets the guests know more about "busduct".

Busduct is a sheet metal duct which consist of copper as the conductor bar (busbar) or sometimes aluminium. It is used in the electrical power distribution of buildings and carrying high amount of current in it. The visit also provides the knowledge on the structure of organisation as well as the factory operation. In addition, it also helps in learning through real working environment apart from theoretical studies.

LINKK Busway Systems (M) Sdn. Bhd. is the busduct specialist that owns the brand MEGADUCT which established since 1992, and it has supplied busduct to over 30 countries worldwide.

With the continued research and development process, the company keeps improving in product design

and providing highly reliable products to the market.

The factory visit helps in better understanding on each process of busduct manufacture such as material cutting, bending, welding, curing, assemble and testing. Each process plays important roles in developing the quality end product which complies with the international standards.

Some demonstration was done on that day to show the quality of product such as conductor hardness testing, insulation strength testing after water submerged and fire resistance testing.

At the end of the visit, a group photo is taken with all the participants and workers as a prove for footstep to the factory.

PROJECT REFERENCES

LINKK has fantastic performance with many successful projects throughout the years. No matter local market or overseas, Megaduct brand is always one of the top competitor in Asia Pacific.



Group picture for memories



Example of Operating Busduct

Busduct is essential in many types of building as it provides electrical distribution which involves large currents. Thus, LINNK has supplied busducts in many projects at different countries.

The busduct can be horizontal or vertically installed. In high rise building, the busduct is normally installed vertically which placed in riser room. Horizontal busduct can be found at the area of indoor building carpark, factory and shopping malls. ■

Airport/High Speed Rail Station



MRT, Singapore



HSR Zuoying Station, Taiwan