

ON THE LIGHT RAIL WITH THE EXPERTS

Railway Safety Personnel – Catenary Systems – Consultancy



MALUS
Sikkert banearbejde

EXPERIENCE ON THE LIGHT RAIL

At Malus, we have many years of experience supplying safety consulting, railway safety guards and rentals of rolling stock for work on the railways. Our in-house overhead catenary systems department is in high demand for both our customers safety tasks and for our own contracts.

We always strive to deliver the services our customers demand, and through recent years we have solved several new and different tasks.

Among other projects, Malus has been deeply involved in the construction of the light rail in the city of Aarhus. We have supplied both consultancy, personnel and equipment for a wide variety of construction site operations. For example, we have provided machine operators and personnel for engaging and disengaging the overhead catenary system. In addition, we have advised the contractors, about drafting traffic rules during the construction phase

and coordinated work and traffic on line construction sites (TCO).

During the start-up of the Aarhus Light Rail, Malus helped shape the rules for constructing the light rail so all contractors who had to work on the project knew what rules were applicable during construction.

Malus' engineers assisted with the transportation and logistics of construction equipment and train sets at the workshop areas in Aarhus. This was done both with Malus' own vehicles and with the contractor's Unimogs. Our personnel were given courses in the operation of the converter centers and authorization for grounding of the overhead catenary systems, and we had personnel assigned for the daily coordination of individual work phases during the construction from 2016 to 2018. We assisted the light rail with the same services in connection with the transition from the construction to the operational phase.



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Malus' flexible vehicles, authorized for work on the light rail, can be used for moving other equipment and for various construction tasks.



In conjunction with our experience and other skills, Malus is well prepared to assist in the many diverse tasks involved in the construction of a light rail.

The cooperation between **Malus** and the **ASAL-consortium** during construction of the Aarhus Light Rail

During the construction of the Aarhus Light Rail, the ASAL-consortium has used Malus to supply railway safety services and organization of the work on the railways.

Malus has contributed to the vital Traffic Control Officer (TCO) function, as well as in the preparation of documentation, daily safety management and coordination of work on both the existing and new track lines.

At the same time, Malus has served as a contact point for BaneDanmark and Midtjyske Railways.

Malus has performed all tasks with great professionalism and at times under very difficult conditions. Malus has, with competent guidance, contributed to the fact that the project of constructing the Aarhus Light Rail has elapsed without any kind of dangerous incidents.

A handwritten signature in black ink, appearing to read 'Bo Rodam'.

Bo Rodam
OHSE Koordinator
ASAL-consortium

THE NETWORK OF OPPORTUNITIES THE ROCKY RAIL

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