

APPENDIX 3.2

Overview and information of the workshop where the trains will be serviced.

Guidance to tenderers

The trains operated on Tølløsebanen and Østbanen will share one workshop in Hårlev.

Lokaltog will perform preventive maintenance in the workshop in Hårlev. However, overhaul of individual components (and potential repairs) will not be performed in Hårlev, e.g. bogies, traction motor, wheel replacement, pneumatic equipment, braking equipment, traction gears and front couplers. With regards to overhauls, Lokaltog will only in the workshop in Hårlev dismount the above-mentioned components and mount overhauled components on the train.

The Supplier will have access to Lokaltog's workshop facility in Hårlev when conducting warranty repair on the trains.

The purpose of this appendix is to give the Supplier an idea of how the workshop in Hårlev is arranged, but it is not a requirement that the trains can be maintained or repaired in the workshop without any changes to the workshop. Lokaltog will, free of charge and if it is necessary, take care of changes and adaptations of these facilities: forklift(s), mobile sand refill equipment, cranes, mobile lifting jacks, washing machine, pit lengths, roof access, doors of the workshop, installations for pressurized air and water connections, exhaust gas extraction, lift height detection, lifting table, service sockets and charging poles. Further, storage facilities will be provided by Lokaltog in Hårlev. If the above-mentioned preventive maintenance of the trains in Hårlev, including the dismounting and mounting of components for overhauls, requires other changes or adaptations to the workshop in Hårlev, the Supplier must in due time before delivery of the first train handle such changes or adaptations at Supplier's own expense.

APPENDIX 3.2



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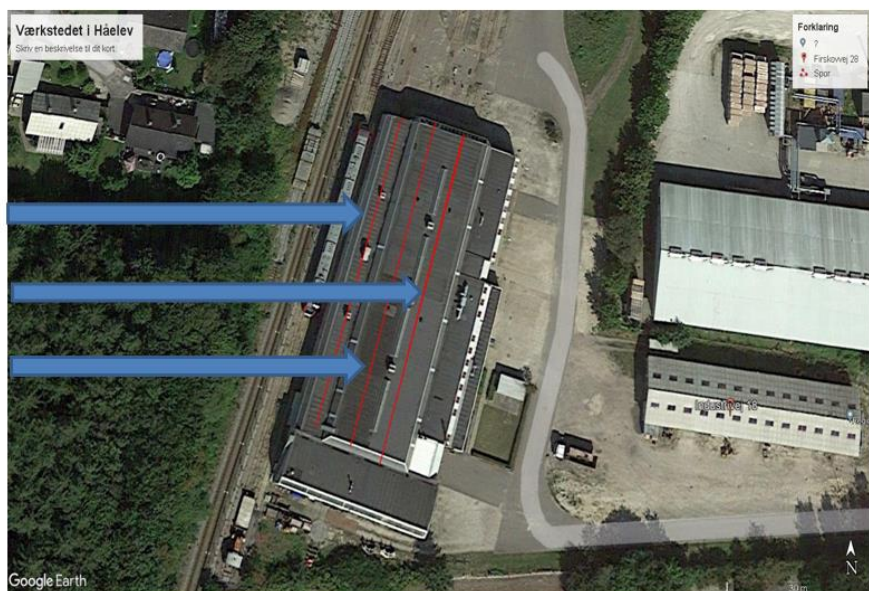
Workshop Hårlev Address: Industrivej 18, 4652 Hårlev Working hours: Monday to Thursday 07.00 - 15.00, Friday 07.00 - 13.30 Access to voltage/current 230 V/16 A, 400 V/ 64 A The input current to the building is 250 A							
Track nr.	Track length m.	Workshop pit length m.	Internal length m.	Internal width m.	Internal height m.	Gate height m.	Gate width m.
1	65,6	47,0	65,6	9,0	4,95	4,8	4,1
2	65,6	47,0	65,6	9,0	5,0	4,8	4,1
Washing hall	64,5	21,0	64,5	5,8	5,4	4,8	4,1

The term "internal height" refers to the measurement from the floor level to the hook on the ABUS portal crane. (picture on the following pages)
 The workshop contains two repair/service tracks and a closed washing hall.

Washing hall 64,5 m.

Track 1 65,6 m.

Track 2 65,6 m.



APPENDIX 3.2

1 stk. Washing hall



1 stk. ABUS portal crane max 6,3 t.



8 stk. SEFAC lifting jack á 15 t.
The lifting jacks are transportable



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- 1 stk. Platform for maintenance of the air conditioning system and roof integrations
- The platform can be moved horizontally - forward and backward.



- 4 stk. Exner lifting jack á 6 t.



- 1 stk. ABUS tower crane in the engine workshop á 2 t
- The tower crane can only be used on track 1.



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1 stk. A-J engine jack for components á 4 t.



1 stk. BV electric forklift, max lifting capacity 3,350 kg.

