

23. December 2015

SPECIFICATIONS FOR SERVICE LIFTS WITH TRACTEL GREIFZUG COMPONENTS

Dear business partner,

The accident in Storkow and its effects have required a great deal of dedication and patience from all of us in past weeks. We would like to thank you expressly for the confidence you have shown in us and for your understanding that it took some time to develop a comprehensive solution for the safe continuing operation of the service lifts with components from Tractel Greifzug GmbH.

The final expert opinion of the DEKRA Company commissioned with the investigation has been available for some days now, and we are currently intensively occupied with the analysis of this. For this reason we would like to inform you now as a precaution that additional changes to the described procedure may arise in the near future.

According to the current state of knowledge, the following conditions must be fulfilled to ensure the safe continuing operation of the service lifts with Tractel Greifzug components:

- a) Only authorised and trained personnel are permitted to operate and maintain Avanti service lifts and all components related to them.
- b) The "Daily Check for Avanti Service Lifts with Protocol" document is to accompany each Avanti service lift and be filled out correctly effective immediately. The specifications must absolutely be observed.
- c) Tractel Greifzug GmbH has informed us that more frequent inspection or maintenance than in the past is necessary to ensure the functional capability of its components. The specification now states that all safety gear (BSO) and all winches (TIRAK) must be maintained or tested at least once annually in accordance with the instructions of the manufacturer.

- d) All instructions in the User Manual of the service lift are to be observed. The maintenance protocol found in the User Manual must be completely filled out. Service and maintenance may not be overdue.
- e) When the last inspection of one of the Tractel Greifzug components (BSO/TIRAK) has taken place more than a year previous, you must immediately carry out maintenance in accordance with the specifications of the manufacturer or arrange to have this carried out. A list of companies authorised for this can be requested from Avanti or from Tractel Greifzug GmbH. Purely as a precautionary measure, we remind you that we cannot assume any further obligations by forwarding this specification.
- f) In addition, we recommend that you arrange to have the BLOCSTOP™ and the Tirak inspected by an authorised company prior to the next usage and that you exchange the drive roll and the pinch roller in the BSO.
- g) If the winch is more than 10 years old, legal regulations (BGV D8) require a general overhaul by Tractel Greifzug or by a company certified to do so.
- h) If unusual noises occur when restarting the winch or the safety gear (see BGV D8), the service lift is to be immediately shut down and the manufacturer informed.

Important note:

Safety is always of the utmost priority at Avanti Wind Systems. For this reason, we continue to remain in permanent contact with all relevant authorities, institutions and companies. We emphasise again that it is absolutely necessary to follow the instructions in the User Manual.

In addition to this, we are currently working on additional programmes (training seminars, (video) documentation, e-learning, etc.) for the safe usage of our service lifts. We will inform you without delay as soon as we have results or further knowledge from the current expert opinion on the accident in Storkow. Please address any questions to your national Avanti branch office or by e-mail to info@avanti-online.com.

Best regards



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