



ZIEHL-ABEGG SE | Heinz-Ziehl-Straße | 74653 Künzelsau

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1/2  
22.03.2019

Via email

**IMMEDIATE ACTION REQUIRED FOR SAFE LIFT OPERATION**  
**Inspection of geared machines of type ZAS0, ZAS1, ZAS2, ZAS3**  
**Information received by ZIEHL-ABEGG on 21.03.2019**

Dear Sir/Madam,

On 21.03.2019 we got aware of a second geared lift machine that showed certain bolts of the worm wheel not tightened sufficiently. Since loose bolts constitute possible risk to uncontrolled cabin movements, we hereby have to demand your immediate action at geared machines of type ZAS0, ZAS1, ZAS2, ZAS3 ("geared machines").

When earlier asked by us, the manufacturer Sautter Lift Components ("SLC") of the gear boxes SWG0, SWG1, SWG2, SWG3 confirmed product safety of the geared machines and also that all gear boxes are manufactured properly and that there are no systematic errors – and that this is also valid for the screw connections. In spite of this, due to this second geared lift machine discovery, ZIEHL-ABEGG is not longer comfortable with fully excluding that screw-nuts at the bolted connection of the worm wheel are not correctly tightened and may therefore be loose.

In order to eliminate the risk of loose screw-nuts, ZIEHL-ABEGG has prepared an annex A-TIA19\_04 to the manual attached to this letter. Please follow the given instructions in this annex in order to inspect the bolted connection of the worm wheel of the affected gear boxes on loose screw-nuts.

Please be aware of the following:

ZIEHL-ABEGG SE | Heinz-Ziehl-Straße | 74653 Künzelsau | +49 7940 16-0 | info@ziehl-abegg.com | ziehl-abegg.com

Certificate of exemption of taxes for construction work according to § 48b I S. 1 of the Income Tax Law (EStG), cp. ziehl-abegg.de/en. For purchases or orders of ZIEHL-ABEGG SE only our general conditions of purchase are applicable, for other transactions only our general terms and conditions are applicable, cp. ziehl-abegg.de/en, unless otherwise agreed in writing. Deviations from our conditions by our contract partner will be objected.

Court of Registry:	District Court Stuttgart HRB 746188	Value added tax ID number:	DE146280211
Executive Board:	Peter Fenkl (Chairman), Achim Curd Rägler, Norbert Schuster, Dr. Klaus Weiß	Baden-Württembergische Bank: Commerzbank AG: Sparkasse Hohenlohekreis:	BIC: SOLADEST DRESDEFF622 SOLADES1KUN IBAN: DE96 6005 0101 0004 0154 86 DE38 6228 0012 0760 0100 00 DE45 6225 1550 0005 0004 52
Supervisory Board:	Uwe Ziehl (Chairman)		

1. Geared machines that have no protective device to prevent excess speed of the upward-moving cabin in accordance with EN 81-1 Section 9.10 and EN 81-20 Section 5.6.6 have to be shut down immediately until the inspection of the bolted connection in the gear boxes has taken place and loose screw-nuts have been excluded.
2. All geared machines that have a protective device must be inspected as soon as possible on loose screw-nuts in the bolted connection of the worm wheel, but for these machines there is no need for a shut down in anticipation of this inspection.

Should you find loose screw-nuts at the bolted connection of the worm wheel during inspection the affected lift should be completely shut-down and blocked against traffic of persons or load. Furthermore, please get in contact with ZIEHL-ABEGG in order to discuss further action.

ZIEHL-ABEGG is to be contacted either via email: [drives-service@ziehl-abegg.de](mailto:drives-service@ziehl-abegg.de) or by phone +49 7940 16 – 308.

As safety is at stake, please inform the facility operator as soon as possible. Please confirm to ZIEHL-ABEGG that you have completed the required actions.

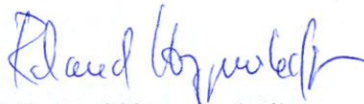
We count on your cooperation in excluding any safety risk and are sorry for any inconvenience this may cause.

Yours faithfully,

ZIEHL-ABEGG SE

signed in absence

ppa. Werner Bundscherer  
Director Drives



i.V. Roland Hoppenstedt  
Technical Director Drives



i.V. Christian Reich  
Head of Quality Drives

**Attachment:** Annex A-TIA19\_04 (8 pages)