

Addendum to Sure-Flex Plus to comply with ATEX Directive 2014/34/EU

P-7888-TBW-ATEX

ATEX Installation Instructions

The ATEX Directive 2014/34/EU covers equipment and protective systems intended for use in potentially explosive atmospheres. The directive defines the essential health and safety requirements and conformity assessment procedures, to be applied before products are placed on the EU market. This directive was implemented in the UK by The Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016 (SI 2016 No 1107)



1. Guards are required to be fitted around the coupling to protect the operator from the risk of entanglement and flying objects. The guard must meet the requirements of BS EN ISO 14120:2015 and EN ISO 13857:2019. The material used in construction shall be of a metallic material other than aluminium or any light metal and must be electrically grounded. The guard must have sufficient coating/plating to resist corrosion.
2. The coupling alignment must be within the misalignment limits for the Sure-Flex sleeve material per the standard installation instructions.
3. All fasteners must be tightened per the standard installation instructions.
4. Using a damp cloth wipe off any excess dust or residue on the coupling, including the teeth of both the sleeve and flanges.
5. All electrically conducting parts that are connected to the coupling must be grounded and have resistance to it of less than 1MΩ.
6. The sleeve should be checked regularly for cracks, wear, discoloration, distortion & crazing. If the sleeve shows any signs of these types of damage, it needs to be replaced. Also, an examination of the application and environment should be conducted to find out the reason and correct it. If the coupling does not display any of the above signs of degradation and the integrity or condition of the coupling sleeve is uncertain, it should be replaced once a year.



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