



Anti-Seize Five Year Warranty

WARRANTY. Doxsteel, LLC. and/or its affiliates and/or subsidiaries (hereinafter “Doxsteel”), offer the following warranty regarding all of their products, DOX®, DOXSTEEL® or otherwise branded (hereinafter the “Products”) or services, which, unless otherwise agreed to in writing and signed by an authorized representative of Doxsteel, shall consist of:

FOR GOODS. Doxsteel warrants for a period of sixty (60) months from the date of delivery of the Products, that such Products: (i) shall be free from defects in manufacture and design; (ii) shall function accordingly to the intended, ordinary and proper use specified by Doxsteel in the corresponding specifications and (iii) shall be manufactured in compliance with Doxsteel’s quality system manual and associated processes and procedures to achieve compliance with the following specifications:

- [ASTM A193/A193M-16](#) Standard Specification for Alloy-Steel and Stainless Steel Bolting for High Temperature or High Pressure Service and Other Special Purpose Applications
- [ASTM A194/A194M-16a](#) Standard Specification for Carbon Steel, Alloy Steel, and Stainless Steel Nuts for Bolts for High Pressure or High Temperature Service, or Both
- [ASTM A320/A320M-15a](#) Standard Specification for Alloy-Steel and Stainless Steel Bolting for Low-Temperature Service
- [ASTM B994/B994M-15](#) Standard Specification for Nickel-Cobalt Alloy Coating
- [API SPECIFICATION 20E FIRST EDITION, AUGUST 2012](#) Alloy and Carbon Steel Bolting for Use in the Petroleum and Natural Gas Industries
- [ASME PCC-1-2013](#) Guidelines for Pressure Boundary Bolted Flange Joint Assembly
- [ASME B1.1 2A & 2B](#) 2003 Unified Inch Screw Threads, (UN and UNR Thread Form)
- [ISO/DIS 12944-2](#) Paints and varnishes – Corrosion protection of steel structures by protective coating systems – Part 2: Classification of environments

GALLING. Doxsteel warrants for a period of sixty (60) months from the date of delivery of the Products, that Products with ASTM B994 DOXSTEEL® coating will not be friction welded or bind to the adjacent threads of the fastener and the nut when torque has been applied as specified by Doxsteel in the corresponding specification available at ASTM B994/B994M-15, Appendix XI Galling test



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SEIZING. Doxsteel warrants for a period of sixty (60) months from the date of delivery of the Products, that Products with ASTM B994 DOXSTEEL® coating will not bind or stop moving as a result of excessive corrosion in the thread engagement of the fastener and the nut when used in accordance with the corresponding specification available at ASME PCC-1-2013

K-TORQUE VARIABLE (NUT FACTOR). Doxsteel will provide on each container of Goods the K-Torque Variable (Nut Factor) suggested to calculate the required torque. The suggestion is made as a result of several testing procedures and analyses conducted by Doxsteel or on behalf of Doxsteel in order to provide the client with substantial information for the proper installation of the products.

FOR SERVICES. Doxsteel warrants for a period of (6) months following completion of any services, that the services: (i) shall be rendered in compliance with Doxsteel's quality system manual and associated processes and procedures; (ii) shall conform to the requirements of the corresponding agreement or contract executed with the client; and (iii) shall be performed by trained and equipped personnel in order to comply with the requirements included in the corresponding agreement or contract with the client.

THE WARRANTIES ABOVE ARE THE ONLY ONES OFFERED BY DOXSTEEL WITH RESPECT TO ANY AND ALL PRODUCTS AND SERVICES. ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHETHER WRITTEN, ORAL, STATUTORY OR OTHERWISE, ARE EXPRESSLY EXCLUDED TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW.

THE WARRANTIES SET FORTH ABOVE SHALL NOT APPLY: (i) UNLESS THE CORRESPONDING CLIENT REGISTERS THE PURCHASE, ACQUISITION OR USE OF THE PRODUCTS OR THE CONTRACTING OF THE SERVICES IN THE ELECTRONIC SYSTEM CREATED BY DOXSTEEL FOR SUCH PURPOSE, WHICH SHALL BE AVAILABLE AT www.doxsteel.com; (ii) TO ANY PRODUCTS REPAIRED, TAMPERS WITH, ALTERED OR MODIFIED (EXCEPT IF DONE BY DOXSTEEL OR WITH THE EXPRESS WRITTEN APPROVAL OF DOXSTEEL); (iii) TO DEFECTS OR DAMAGES CAUSED TO THE PRODUCTS FROM MISUSE, NEGLIGENCE, IMPROPER STORAGE, IMPROPER USE (INCLUDING USE OF TOOLS OR ACCESSORIES NOT APPROVED BY DOXSTEEL IN WRITING), OR FAILURE TO PERFORM CURRENT OPERATOR HANDLING, PROPER INSTALLING, TORQUE AND SCHEDULED MAINTENANCE INSTRUCTIONS AS PROVIDED BY DOXSTEEL IN THE CORRESPONDING SPECIFICATION AVAILABLE AT ASME PCC-1-2013; (iv) TO PRODUCTS WHICH HAVE BEEN SUBJECTED TO UNUSUAL PHYSICAL ABUSE, OR ACCIDENT, OR NEGLIGENCE, OR FORCES OR EXPOSURE BEYOND NORMAL USE WITHIN THE SPECIFIED OPERATIONAL, ENVIRONMENTAL AND OTHER PARAMETERS SET FORTH IN THE APPLICABLE SPECIFICATION AVAILABLE AT ISO 12944-2; OR (v) TO PRODUCTS PURCHASED OR ACQUIRED OR OBTAINED FROM A SOURCE THAT IS NOT DOXSTEEL OR AN APPROVED DISTRIBUTOR OF DOXSTEEL.

REGARDING THE K-TORQUE VARIABLE (NUT FACTOR) PROVIDED BY DOXSTEEL, ALTHOUGH DOXSTEEL HAS CONDUCTED SEVERAL TESTING PROCEDURES AND ANALYSES ON THE MATTER, NO WARRANTY AT ALL (EITHER EXPRESS OR IMPLIED) IS PROVIDED BY DOXSTEEL CONCERNING THIS SPECIFIC ISSUE AS COMPLETE ACCURACY AND CONTROL OVER THE K-TORQUE VARIABLE IS NOT POSSIBLE. AS SUCH, THE INFORMATION PROVIDED IS INTENDED TO BE USED BY THE CLIENT EXCLUSIVELY AS A SUGGESTION OR REFERENCE AND THE CLIENT SHALL BE SOLELY RESPONSIBLE FOR CONDUCTING ALL NECESSARY TESTS AND PROCEDURES TO DEFINE AT ITS DISCRETION THE K-TORQUE VARIABLE TO BE USED FOR THE INSTALLATION OF THE PRODUCTS.

ANY BREACH OF THE WARRANTIES SET FORTH ABOVE SHALL BE EXCLUSIVELY REMEDIED BY DOXSTEEL, AT DOXSTEEL'S SOLE DISCRETION, BY EITHER: (i) REPLACING THE PRODUCTS OR RE-PERFORMING THE SERVICES THAT DO NOT CONFORM TO THE WARRANTIES ABOVE AT NO EXTRA COST TO THE CLIENT; OR (ii) REIMBURSE THE CLIENT FOR THE CORRESPONDING PAYMENT EFFECTIVELY MADE FOR THE PORTION OF THE DEFECTIVE PRODUCTS AND/OR SERVICES.

IN NO CASE AND UNDER NO CIRCUMSTANCE SHALL DOXSTEEL BE LIABLE TO THE CLIENT FOR: (i) ANY INDIRECT, INCIDENTAL, CONSEQUENTIAL OR PUNITIVE DAMAGES, INCLUDING BUT NOT LIMITED TO LOST PROFITS AND OTHERS; AND (ii) ANY DAMAGES IN EXCESS OF THE PRICE EFFECTIVELY PAID BY THE CLIENT FOR THE PRODUCTS DELIVERED OR THE SERVICES RENDERED.