



UK Declaration of Conformity DC0045 Rev. 02

In accordance with UK Government

Manufacturer and Contact:	TIDI Products LLC 570 Enterprise Drive Neenah, WI 54956 USA	Management Representative: Amanda Altan Manager, Regulatory Affairs
UK Authorized Representative	MDSS-UK RP Ltd. 6 Wilmslow Road, Rusholme Manchester, M14 5TP UNITED KINGDOM	Phone: +44 (0)7898 375115
UK Legislation/ Conformity Assessment Procedure:	UKCA Type-examination (module B) set out in Annex V, followed by conformity to type based on quality assurance of the production process (module D) set out in Annex VIII of Regulation 2016/425 on personal protective equipment as brought into UK law and amended.	
Technical File No.:	TF-0023 Zero-Gravity® Radiation Protection System Personal Protective Equipment (PPE)	
Product Scope:	Zero-Gravity® Radiation Protection System	
Model Numbers:	See following page(s) for model numbers and descriptions.	
PPE Category:	Category III	
UKCA Type-Certificate:	Number: 750691 750690	Issue Date: 18 Nov 2021 18 Nov 2021
Quality Management Certificate:	Number: FM 536366	Effective Date: 29 May 2020
Approved Body:	BSI Assurance UK Ltd.	BSI Assurance UK Ltd – AB 0086 Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes, MK5 8PP
<p>This declaration of conformity is issued under the sole responsibility of TIDI Products, LLC. The undersigned hereby declares, on behalf of TIDI Products, LLC, that the personal protective equipment complies with Regulation 2016/425 on personal protective equipment as brought into UK law and amended also self-declares compliance in part to the Machinery Directive (2006/42/EEC) implemented in the UK by the Supply of Machinery (Safety) (Amendment) Regulations 2011 as it applies to the overhead-body-shield-support functionality of the Zero-Gravity Systems. We explicitly designate MDSS-UK RP Ltd. to act as our sole Authorized Representative in the UK for the above indicated products.</p>		
Signed for on behalf of TIDI Products LLC, by the Manager of Regulatory Affairs; Amanda Altan, in Neenah, Wisconsin.		
Name of Authorized Person	Title	Date
<i>Amanda Altan</i>	Regulatory Affairs Manager	<i>03 March 2022</i>



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Product Model Number and Description to which this declaration applies.	
Model Numbers	Description
ZGCM-48	Zero-Gravity™ Radiation Protection System Monorail 48
ZGCM-66	Zero-Gravity™ Radiation Protection System Monorail 66
ZGHSA	Zero-Gravity™ Radiation Protection System Hinged Swing Arm
ZGCM-HSA	Zero-Gravity™ Radiation Protection System Monorail Hinged Swing Arm
ZGM-6-5H	Zero-Gravity™ Radiation Protection System Floor Unit
ZGCMRS	Zero-Gravity™ Monorail Leaded Acrylic Shield
ZG48	Zero-Gravity™ Radiation Protection System - Body Shield with Extension Rail
ZGHH-CMHSA	ZGM-6-5H Upgrade to ZGHH-CMHSA Zero-Gravity™ Radiation Protection System Upgrade from Floor to Hybrid Monorail Design
ZGHH-HSA	ZGM-6-5H Upgrade to ZGHH-HSA Zero-Gravity™ Radiation Protection System Upgrade from Floor to Hinged Swing Arm Design
ZGHH-66-CMHSA	ZGCM-48/ZGCM-66 Upgrade to ZGHH-66-CMHSA Zero-Gravity™ Radiation Protection System Upgrade Monorail 48/66 to Hybrid Monorail Design
ZGHH-CM48	ZGM-6-5H Upgrade to ZGHH-CM48 Zero-Gravity™ Radiation Protection System Upgrade from Floor to 48" Hybrid Monorail Design
ZGAV-XS	Zero-Gravity™ Radiation Protection System Extra Small Vest
ZGAV-S	Zero-Gravity™ Radiation Protection System Small Vest
ZGAV-M	Zero-Gravity™ Radiation Protection System Medium Vest
ZGAV-L	Zero-Gravity™ Radiation Protection System Large Vest
ZGAV-XL	Zero-Gravity™ Radiation Protection System Extra-Large Vest
ZGAV-2XL	Zero-Gravity™ Radiation Protection System Double Extra-Large Vest
ZGAV-3XL	Zero-Gravity™ Radiation Protection System Triple Extra-Large Vest



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The products to which this declaration relates are developed and manufactured in conformity with the following standard(s).

Number	Description	Year/Revision
DIN EN 61331-1	Protective devices against diagnostic medical X-radiation – Part 1: Determination of attenuation properties of materials (partial)	2016
DIN EN 61331-3	Protective devices against diagnostic medical X-radiation - Part 3: Protective clothing, eyewear and protective patient shields (partial)	2016
EN 166	Personal Eye-Protection - Specifications (partial)	2001
ANSI Z87.1	Eye & Face Protection Standards (partial)	2020
IEC 61331-1	Protective devices against diagnostic medical X-radiation – Part 1: Determination of attenuation properties of materials (partial)	2014
IEC 61331-2	Protective devices against diagnostic medical X-radiation – Part 2: Translucent protective plates (partial)	2014
IEC 61331-3	Protective devices against diagnostic medical X-radiation – Part 3: Protective clothing, eyewear and protective patient shields (partial)	2014
IEC 60601-1	Medical electrical equipment – Part 1: General requirements for basic safety and essential performance (partial)	2020
IEC 60601-1-3	Medical electrical equipment – Part 1-3: General requirements for basic safety and essential performance – Collateral standard: Radiation protection in diagnostic X-ray equipment (partial)	2021
IEC 62366-1	Medical devices – Part 1: Application of usability engineering to medical devices	2020
ISO 14971	Medical devices – Application of risk management to medical devices	2019
ISO 13485	Medical devices – Quality management systems – Requirements for regulatory purposes	2016
ISO 780	Packaging – Distribution packaging – Graphical symbols for handling and storage of packages	2015
ISPM 15	International Standard for Phytosanitary Measures 15	2018
ASTM D5445	Standard practice for pictorial markings for handling of goods	2021
EN 170	Personal Eye Protection - Ultraviolet Filters - Transmittance requirements and recommended use (partial)	2002
DIN EN 14238	Cranes - Manually controlled load manipulating devices (partial)	2010
EN ISO 12100	Safety Of Machinery - General principles for design - Risk assessment and risk reduction	2010
ISO 10993-1	Biological evaluation of medical devices. Evaluation and testing within a risk management process.	2018

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