

## LASER SAFETY CERTIFICATE



The laser processing system described hereunder has been classified regarding laser safety according to the stated norms and has been evaluated as described. Measurement techniques and test results are documented in the stated laser safety report.

Laser Safety Report	# 2404254206 GUT		
Manufacturer / Distributor Street Post Code / Town	RB Solutions GmbH & Co. KG Mühlgasse 18-20 D – 63683 Ortenberg		
Product / System Designation Test unit S/N Intended use	Hand-held welding laser workstation none Welding metal materials by hand in a protective enclosure		
Laser source(s) Manufacturer Model & S/N Lasertype / Wavelength Op. mode / Power	$\begin{array}{llllllllllllllllllllllllllllllllllll$		
Norms / Regulations ISO IEC EN FDA ANSI EU Optic Radiation Safety EU Machine Directive	IEC 60825-1:2014 // EN 60825-1:2022 // EN 60825-4:2011 EN ISO 11553-1:2020 ./. EU directive 2006/25/EC // OStrV 2017-10 EU directive 2006/42/EC		
Classification Operating mode / Condition Applies to Fulfils the accessible exposure limits (AEL) of laser class Test class Eye safety confirmed (inside the cabin) Eye safety confirmed (outside the cabin) Laser safety officer Laser safety goggles	Normal operation Operator 4 T3 only with PSE YES YES YES	Set up / Maintenance Operator 4 T3 only with PSE YES YES YES	Service / Repair Manufacturer 4 N/A only with PSE YES YES YES
EU Directive 2006/42/EC § 1.5.12	YES	YES	N/A

Our experts' report confirms that the accessible exposure limits (AEL) of the stated laser classes comply with the specified audit classes for the three operating conditions as described above.

The optical radiation safety for the operator while operating the laser system in the intended operating modes as described above, in accordance with the instructions of the system manufacturer, referred to the original delivery status, was considered. All operation modes available for the operator fulfil the requirements as per § 1.5.12 of the EU machine directive (EU directive 2006/42/EC). The expert only made a risk analysis regarding laser protection; electrical and / or mechanical hazards were not part of this review.

Darmstadt, 30<sup>th</sup> of July 2024 Prof. Klaus R. Goebel Publicly appointed and certified expert for laser technology by the Darmstadt Chamber of Industry and Commerce

Publicly appointed and sworn experts for laser technology

Consulting Engineers of the Chamber Hessen

Accredited test laboratory for optical radiation protection

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