



Technical Report no.:	IT246KUD 001	Order no.:	7989099 20	<i>Page 1 of 2</i>
Client reference no.:	72366823 - P01388630	Order date:	2024-02-23	
Client:	METALMEC S.r.l., Via S. Cassiano, 6, 24030 Mapello, Italy			
Test item:	Loading Ramps			
Identification / Type no.:	Families: M060; HLS-HS (DRITTE E CURVE); M030B2; M030B3; M040B2; M040B3; MPC; MPC1; MPCP; MPCL; MBAP; MBAS; M050; MPPI; MPI; MPP; MP			
Order content:	Mechanical Safety – evaluation of slip resistance			
Test specification:	Client test program based on DGUV 108-3:2003(#)			
Date of sample receipt:	N/A			
Test sample no.:	N/A			
Evaluation period:	2024-05-12 – 2024-05-17			
Place of testing:	N/A			
Laboratory:	TÜV Rheinland Italia srl			
Evaluation result*:	See table 1			
		authorized by:	 Emanuele Ferrari	
		Issue date:	2024-05-20	
		Position:	Sachverständige(r)/Expert	
Conclusion:	On the basis of the information declared by manufacturer and shown in following page(s) of this Technical Report, all the tests results listed in test report IT24V41P 001 are completely extendable to all models listed in this Technical Report			
Condition of the test item at delivery:	N/A			
* Legend: P(ass) = passed a.m. test specification(s) F(ail) = failed a.m. test specification(s) N/A = not applicable N/T = not tested				
This Technical Report only relates to the a. m. models. Without permission of the test center this Technical Report is not permitted to be duplicated in extracts. This Technical Report does not entitle to carry any test mark.				

1	<p><i>As contractually agreed, this document has been signed digitally only. TUV Rheinland has not verified and unable to verify which legal or other pertaining requirements are applicable for this document. Such verification is within the responsibility of the user of this document. Upon request by its client, TUV Rheinland can confirm the validity of the digital signature by a separate document. Such request shall be addressed to our Sales department. An environmental fee for such additional service will be charged. For information on verifying the authenticity of our documents, please visit the following website: go.tuv.com/digital-signature</i></p>		
2	<p>Notes: The scope of the test is to define the slip resistance of the loading system, so each type of product's surface was tested. Then the test results have been evaluated as valid for all products with the same type of surface</p>		
3	List of models with main differences		
	Basic model (Tested)	Derived models (Families)	Differences
	MM060SL.30.20	M060	Dimensions, shape. Same type of surface
	MM045SL.30.20	HLS-HS (DRITTE E CURVE); M030B2; M030B3; M040B2; M040B3	Dimensions, shape. Same type of surface
	MM402BL.10.24	MPC; MPC1; MPCP; MPCL; MBAP; MBAS	Dimensions, shape. Same type of surface
	MM050B0.25.20	M050	Dimensions, shape. Same type of surface
	MM350B0.10.26	MPPI; MPI; MPP; MP	Dimensions, shape. Same type of surface

Table 1: measured Max Permissible Inclination Angle for slip resistance

Product Family Code	Inclination [°]	Result according to Table 1
M060	35.6	R13
HLS-HS (DRITTE E CURVE); M030B2; M030B3; M040B2; M040B3	35.4	R13
MPC; MPC1; MPCP; MPCL; MBAP; MBAS	35.9	R13
M050	27.2	R12
MPPI; MPI; MPP; MP	29.1	R12

End of technical report