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Calibration Certificate

MEC-545416-21

Object	Torque Measuring Chain Joint Simulator System		
Manufacturer	SCHATZ		
Type	5413-5392/304B 5413-4821/20 5413-4821/50 5413-4820/120 5413-4820/250 5413-4820/1K	**Gage No.**	
Serial No	1024149 1032983 1033611 1023742 1024025 1028041	**Ch. No.**	1
Customer	Apex Tool Group LLC 670 Industrial Drive Lexington, SC 29072	**Location of Calibration**	Kistler Instrument Corp. 30280 Hudson Drive Novi, MI 48377
Order No	G000118582		
Date of Calibration	30. Mrz 2021	**Date Due[1)]**	30. Mrz 2022

Traceability

This sensor was calibrated per Kistler Laboratory Calibration Procedure as listed on page 2, using a comparison technique against a Kistler calibration standard. Kistler calibration standards are periodically calibrated against a primary standard system, which in turn is periodically recertified to the National institute of Standards and Technology (NIST) or another recognized national standard. Measurements are derived from accepted values of natural physical constants according to the International System of Units (SI). This calibration meets or exceeds the requirements of ISO/IEC 17025.

Confirmation

The equipment mentioned above and identified by serial number complies with the agreement of the order and meets the manufacturing tolerances specified in the datasheet.

Yes: X No:

This document is valid without signature

Total pages 7

Calibration Technician	**Laboratory Manager**
Jon-Erik Helgesen	Bruce Noland

1) Next calibration due date according to customer's internal specification or manufacturer's recommendation. The calibration laboratory is not responsible for and will not specify the calibration interval.

This calibration certificate must not be reproduced except in full, without written approval of the laboratory.

Kistler Instrument Corp.
30280 Hudson Drive
Novi, MI 48377

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Fax +1 248 669 5733

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Calibration Certificate

MEC-545429-21

Object	Torque Measuring Chain Joint Simulator System		
Manufacturer	Kistler		
Type	5413-5392/304 5413-4820/2 5413-4821/10 5413-4821/20 5413-4821/50	**Gage No.**	
Serial No	5376169 1034676 1023806 1032984 1034819	**Ch. No.**	1
Customer	Apex Tool Group LLC 670 Industrial Drive Lexington, SC 29072	**Location of Calibration**	Kistler Instrument Corp. 30280 Hudson Drive Novi, MI 48377
Order No	G000118582		
Date of Calibration	26. Apr 2021	**Date Due[1)]**	26. Apr 2022

Traceability

This sensor was calibrated per Kistler Laboratory Calibration Procedure as listed on page 2, using a comparison technique against a Kistler calibration standard. Kistler calibration standards are periodically calibrated against a primary standard system, which in turn is periodically recertified to the National institute of Standards and Technology (NIST) or another recognized national standard. Measurements are derived from accepted values of natural physical constants according to the International System of Units (SI). This calibration meets or exceeds the requirements of ISO/IEC 17025.

Confirmation

The equipment mentioned above and identified by serial number complies with the agreement of the order and meets the manufacturing tolerances specified in the datasheet.

Yes: X No:

This document is valid without signature

Total pages 6

Calibration Technician	**Laboratory Manager**
Jon-Erik Helgesen	Bruce Noland

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Calibration Certificate

MEC-545440-21

Object	Torque Measuring Chain Joint Simulator System		
Manufacturer	Kistler		
Type	5413-5392/304 5413-4821/10 5413-4821/20 5413-4821/50 5413-4820/120	**Gage No.**	
Serial No	5376168 1034815 1029932 1034818 1031592	**Ch. No.**	1
Customer	Apex Tool Group LLC 670 Industrial Drive Lexington, SC 29072	**Location of Calibration**	Kistler Instrument Corp. 30280 Hudson Drive Novi, MI 48377
Order No	G000118582		
Date of Calibration	17. Mai 2021	**Date Due[1)]**	17. Mai 2022

Traceability

This sensor was calibrated per Kistler Laboratory Calibration Procedure as listed on page 2, using a comparison technique against a Kistler calibration standard. Kistler calibration standards are periodically calibrated against a primary standard system, which in turn is periodically recertified to the National institute of Standards and Technology (NIST) or another recognized national standard. Measurements are derived from accepted values of natural physical constants according to the International System of Units (SI). This calibration meets or exceeds the requirements of ISO/IEC 17025.

Confirmation

The equipment mentioned above and identified by serial number complies with the agreement of the order and meets the manufacturing tolerances specified in the datasheet.

Yes: X No:

This document is valid without signature

Total pages 6

Calibration Technician	**Laboratory Manager**
Jon-Erik Helgesen	Bruce Noland

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