PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

Perry Johnson Laboratory Accreditation, Inc. has assessed the Laboratory of:

Sumitomo Rubber AKO Lastik San. ve Tic. A.Ş.

Yakınkent Org. San. Bölg. 1.Cad. No:1 Tüney Köyü, Merkez / ÇANKIRI

(Hereinafter called the Organization) and hereby declares that Organization is accredited in accordance with the recognized International Standard:

ISO/IEC 17025:2017

This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system
(as outlined by the joint ISO-ILAC-IAF Communiqué dated April 2017):

Mechanical and Electrical Testing
(As detailed in the supplement)

Accreditation claims for such testing and/or calibration services shall only be made from addresses referenced within this certificate. This Accreditation is granted subject to the system rules governing the Accreditation referred to above, and the Organization hereby covenants with the Accreditation body's duty to observe and comply with the said rules.

For PJLA:

Tracy Szerszen
President

Perry Johnson Laboratory
Accreditation, Inc. (PJLA)
755 W. Big Beaver, Suite 1325
Troy, Michigan 48084

Initial Accreditation Date:	*Issue Date:*	*Expiration Date:*
December 5, 2021	December 5, 2021	January 31, 2024

Accreditation No.:	*Certificate No.:*
110344	L21-751

The validity of this certificate is maintained through ongoing assessments based on a continuous accreditation cycle. The validity of this certificate should be confirmed through the PJLA website: www.pjlabs.com

Certificate of Accreditation: Supplement

Sumitomo Rubber AKO Lastik San. ve Tic. A.Ş.
Yakınkent Org. San. Bölg. 1.Cad. No:1 Tüney Köyü, Merkez / ÇANKIRI
Contact Name: Muharrem Ömercan ÇALIK Phone: +905326465238

Accreditation is granted to the facility to perform the following testing:

FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	RANGE (WHERE APPROPRIATE) AND DETECTION LIMIT
Mechanical[F]	PC/LT Tires (High Speed Test)	Speed, Load, Temperature	UN Regulation No 30 Rev. 3 UN Regulation No.54 Rev. 3 FMVSS 139:2007 INMETRO Regulation #165:2008 INMETRO Regulation #205:2008 SNI 0098:2012 SNI 0100:2012 IS15633:2005 (BIS) IS15636:2012 (BIS) GB/T 2978:2008 GB/T 2977:2008 NOM-086/1-SCFI:2010 ADR23/02:2007 GSO 51/2007 GSO 52/2007 GSO 53/2007 GSO 645/2005 GSO 646/1996 GSO 647/1996	Pass/Fail
	PC/LT Tire Test (Endurance Test)	Speed, Load, Temperature	UN Regulation No 30 Rev. 3 UN Regulation No.54 Rev. 3 FMVSS 139:2007 INMETRO Regulation #165:2008 INMETRO Regulation #205:2008 SNI 0098:2012 SNI 0100:2012 IS15633:2005 (BIS) IS15636:2012 (BIS) GB/T 2978:2008 GB/T 2977:2008 NOM-086/1-SCFI:2010 ADR23/02:2007 GSO 51/2007 GSO 52/2007 GSO 53/2007 GSO 645/2005 GSO 646/1996 GSO 647/1996	Pass/Fail
	PC Tires (Physical / 3° Camber High Speed Performance Test)	Speed, Load, Temperature, Camber Angle	Schnelllaufprüfung Reifen VW-Konzernstandard v2.1 (Customer Spec)	Pass/Fail

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Mechanical[F]	PC/LT Tire Test Physical (Rolling Resistance Test)	Rolling Resistance (N/kN)	UN Regulation No 117 Rev. 3 ISO 28580:2018	0 to 20 N/kN ±0.1N/kN U=0.02 N/kN (k=2 % 95 Confidence Interval)
	PC/LT Tire Test Physical (Bead Unseating Test)	Force	UN Regulation No 30 Rev. 3 UN Regulation No.54 Rev. 3 FMVSS 139:2007 INMETRO Regulation #165:2008 INMETRO Regulation #205:2008 SNI 0098:2012 SNI 0100:2012 IS15633:2005 (BIS) IS15636:2012 (BIS) GB/T 2978:2008 GB/T 2977:2008 NOM-086/1-SCFI:2010 ADR23/02:2007 GSO 51/2007 GSO 52/2007 GSO 53/2007 GSO 645/2005 GSO 646/1996 GSO 647/1996	0 to 50kN ±%1
	PC/LT Tire Test (Plunger Test)	Penetration Depth, Force, Energy (J)	UN Regulation No 30 Rev. 3 UN Regulation No.54 Rev. 3 FMVSS 139:2007 INMETRO Regulation #165:2008 INMETRO Regulation #205:2008 SNI 0098:2012 SNI 0100:2012 IS15633:2005 (BIS) IS15636:2012 (BIS) GB/T 2978:2008 GB/T 2977:2008 NOM-086/1-SCFI:2010 ADR23/02:2007 GSO 51/2007 GSO 52/2007 GSO 53/2007 GSO 645/2005 GSO 646/1996 GSO 647/1996	Penetration Depth :0 to 390mm ±0.5mm Force: 0 to 50kN ±1% FS Energy: 0 to 15 000J ±1% FS

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Mechanical[F]	PC/LT Tire Test (Dimension Test)	Diameter, Width, Tread Wear Indicator	UN Regulation No 30 Rev. 3 UN Regulation No.54 Rev. 3 FMVSS 139:2007 INMETRO Regulation #165:2008 INMETRO Regulation #205:2008 SNI 0098:2012 SNI 0100:2012 IS15633:2005 (BIS) IS15636:2012 (BIS) GB/T 2978:2008 GB/T 2977:2008 NOM-086/1-SCFI:2010 ADR23/02:2007 GSO 51/2007 GSO 52/2007 GSO 53/2007 GSO 645/2005 GSO 646/1996 GSO 647/1996	Diameter: Up to 1 100 mm ±1 mm U= ± 0.30 mm Width: Up to 450 mm±0.01 mm U= ± 1.24 mm TWI: Up to 27.5 mm ±0.01 mm U=± 0.06 mm (k=2 % 95 Confidence Interval)
Electrical[F]	PC/LT Tire Test	Electrical Resistance	WDK110 (OE/VW)	0 to 10 000mΩ ±2% U= ± 1.306 MΩ (k=2 % 95 Confidence Interval)

1. The presence of a superscript F means that the laboratory performs testing of the indicated parameter at its fixed location. Example: Outside Micrometer[F] would mean that the laboratory performs this testing at its fixed location.

Perry Johnson Laboratory Accreditation, Inc.

PJLA

Congratulations on successfully completing and passing your assessment!

Enclosed you will find your original certificate for Accreditation. Please feel free to contact PJLA to review a draft of your symbol prior to utilization. If you like to utilize the ILAC Mark in conjunction with the PJLA symbol, please contact PJLA for more information.

We are also excited to tell you about our Accreditation Plaque, Accreditation Flag and Accreditation Banner. You should have received one **FREE** engraved Accreditation Plaque made specifically for your company with your initial accreditation. If you would like an Accreditation Flag and Banner or additional plaques, please contact PJLA for our order form to order as many as you would like.

Thank you for choosing PJLA as your Accreditation Service Provider.

Sincerely,

Tracy Szerszen
President

755 W. Big Beaver Rd. · Suite 1325 · Troy, MI 48084 · Phone: 1-877-369-LABS or 248-519-2603 · Fax: 248-213-0737

Joint ISO-ILAC-IAF Communique on the Management Systems Requirements of ISO/IEC 17025, General Requirements for the competence of testing and calibration laboratories

A laboratory's fulfillment of the requirements of ISO/IEC 17025 means the laboratory meets both the technical competence requirements and ***management system requirements*** *that are necessary for it to consistently deliver technically valid test results and calibrations. The* ***management system requirements*** *in ISO/IEC 17025 are written in language relevant to laboratory operations and operate generally in accordance with the principles of ISO 9001.*

ISO Acting Secretary General

ILAC Chair

IAF Chair

April 2017