PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

The Transtec Group, Inc.

6111 Balcones Drive, Austin, TX 78731

and hereby declares that the Organization is accredited in accordance with the recognized International Standard:

ISO/IEC 17025:2017

Whereby, technical competence has been confirmed for the associated scope supplement, in the fields of:

Mechanical Testing

(As detailed in the supplement)

Accreditation claims for conformity assessment activities shall only be made from the addresses referenced within this certificate and shall apply solely to those activities identified in the related scope. This Accreditation is granted subject to the Accreditation Body rules governing the Accreditation referred to above, and the Organization hereby commits to observing and complying with those rules in their entirety.

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:*
June 26, 2023	July 28, 2025	September 30, 2027

Accreditation No.:	*Certificate No.:*
116344	L25-578

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

The Transtec Group, Inc.

6111 Balcones Drive, Austin, TX 78731
Contact Name: Robin Tallon Phone: 512-451-6233

Accreditation is granted to the facility to perform the following conformity assessment activities:

FIELD OF TEST	ITEMS, MATERIALS, OR PRODUCTS TESTED	COMPONENT, CHARACTERISTIC, PARAMETER TESTED	SPECIFICATION OR STANDARD METHOD	TECHNOLOGY OR TECHNIQUE USED	FLEX CODE	LOCATION OF ACTIVITY
Mechanical	Pass-by Noise Track	Mean Texture Depth	ISO 10844:1994, Appendix A	Volumetric (sand patch) method	F1	O
Mechanical	Pass-by Noise Track	Mean Profile Depth, Surface Irregularity, Sound Absorption Coefficient, Dimension, Slope and Crossfall, Step, Pavement Thickness	ISO 10844:2014 ISO 10844:2021	Laser based measurements, straight edge/taper gauge method, impedance tube method, survey equipment, and ruler/tape measures.	F1	O
Mechanical	Wet Traction Lanes, Wet Braking Lanes, Other Paved Lanes.	Surface Irregularity, Mean Texture Depth	UNECE Reg. No. 117, Annex 4 and 5	Volumetric (sand patch) method and straight edge/taper gauge method	F1, F2	O
Mechanical	Paved Area, Track, Highway, Runway, Sidewalk, and similar surfaces	Mean Texture Depth (MTD)	ASTM E965	Volumetric (sand patch) method	F1, F2	O
Mechanical	Paved Area, Track, Highway, Runway, Sidewalk, and similar surfaces	Mean Profile Depth (MPD)	ISO 13473-1	Laser based measurements	F1, F2	O
Mechanical	Paved Area, Track, Highway, Runway, Sidewalk, and similar surfaces	Surface Irregularities	EN 13036-7	Straight edge/taper gauge method	F1, F2	O
Mechanical	Paved Area, Track, Highway, Runway, Sidewalk, and similar surfaces	Sound Absorption Coefficient	ISO 13472-2	Impedance tube method	F1, F2	O
Mechanical	Paved Area, Track, Highway, Runway, Sidewalk, and similar surfaces	Relative Elevation, Crossfall, and Gradient	Survey Leveling Method	Survey equipment	F1, F2	O
Mechanical	Paved Area, Track, Highway, Runway, Sidewalk, and similar surfaces	Dimensions	ISO 10844 UN ECE R117	Ruler, tape measure, and measurement wheel methods	F1, F2	O

Certificate of Accreditation: Supplement

The Transtec Group, Inc.

6111 Balcones Drive, Austin, TX 78731
Contact Name: Robin Tallon Phone: 512-451-6233

Accreditation is granted to the facility to perform the following conformity assessment activities:

FIELD OF TEST	ITEMS, MATERIALS, OR PRODUCTS TESTED	COMPONENT, CHARACTERISTIC, PARAMETER TESTED	SPECIFICATION OR STANDARD METHOD	TECHNOLOGY OR TECHNIQUE USED	FLEX CODE	LOCATION OF ACTIVITY
Mechanical	Pavement Core	Pavement Thickness	ASTM D3549	Layer thickness measurement on cores	F1, F2	O
Mechanical	Roadways, tracks, runways, sidewalks, floors, other paved surfaces	Elevation profile of traveled surface (±14 degrees or 24% slope).	ASTM E950 ASTM E2133 UN ECE R154	Rolling inclinometer-based profiler	F1, F2	O

1. Location of activity:

Location	Location
O	Conformity assessment activity is performed onsite at the CABs customer location

2. Flex Code:
   F0- Fixed scope item. No deviations allowed to the line item as identified, except for updating to the most recent version of an accredited standard method after verification.
   F1- Laboratory has the capability to test a new item, material, matrix, or product similar in composition to item, material, matrix, or product identified on the scope
   F2- Laboratory has the capability to introduce the newest revision of an accredited authoritative standard method (with no modifications) identified on the scope
   F3- Laboratory has the capability to introduce a parameter/component/analyte to an accredited test method identified on the scope
   F4- Laboratory has the capability to introduce a new revision of an accredited non-standard method using the same technology or technique identified on the scope
   F5- Laboratory has the capability to introduce a validated method that is equivalent to an accredited method (using same technology or technique) identified on the scope