



# CERTIFICATE OF ACCREDITATION

*This is to attest that*

## **ACT TESTING INC.**

1<sup>ST</sup> FLOOR, NO. 12-1, LANE 267, SEC 3, MING SHENG ROAD, DAYA DISTRICT  
TAICHUNG CITY 42844, TAIWAN REPUBLIC OF CHINA

### **Testing Laboratory TL-719**

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date May 29, 2020



A handwritten signature in black ink that reads "Raj Nathan".

**President**

# SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | [www.iasonline.org](http://www.iasonline.org)

## ACT TESTING INC.

[www.act-lab.com](http://www.act-lab.com)

**Contact Name** Duke Hsu

**Contact Phone** +886 256 9145

*Accredited to ISO/IEC 17025:2017*

*Effective Date May 29, 2020*

<b>Chemical</b>	
ASTM F2617	Identification and quantification of chromium, bromine, cadmium, mercury, and lead in polymeric materials using energy dispersive x-ray spectrometry
CPSC-CH-E1001-08.3	Determining total lead (Pb) in children's metal products (including children's metal jewelry) (XRF portion only)
CPSC-CH-E1002-8.3	Standard operating procedure for determining total lead (Pb) in non-metal children's products (XRF portion only)
<b>Physical</b>	
ABNT NBR 8023	Spoke measurements
ABNT NBR 8024	Fatigue test
ABNT NBR 8691	Bicycle nipple - measurements
ABNT NBR 8692	Spoke and nipple resistance of traction
ABNT NBR 9295	Wired rope for bicycles
ABNT NBR 14713	Stem and bars safety requirements
ABNT NBR 14714	Frame and rigid fork - safety requirements
ABNT NBR 14732	Two wheeled vehicle - bicycle - bicycle rims
ABNT NBR 14868	Brake assembly requirements and test method
ABNT NBR 15444	Pedal and crank arm - fatigue resistance
ABNT NBR 15557	Inner tubes for tires requirements and test method
ABNT NBR 15966	Safety requirements for suspension forks
ANSI Z315.1	Tricycles - safety requirements
AS/NZS 1927	Pedal bicycles – safety requirements
ASTM F963-2016	Standard Consumer Safety Specification for Toy Safety (4.2, 4.4, 4.5, 4.6, 4.7, 4.8, 4.9, 4.10, 4.11, 4.12, 4.13, 4.14, 4.15, 4.16, 4.17, 4.18, 4.19, 4.20 (except 4.20.1), 4.21, 4.22, 4.23, 4.24, 4.25, 4.26, 4.27, 4.28, 4.29, 4.30, 4.31, 4.32, 4.33, 4.34, 4.35, 4.36, 4.37, 4.38, 4.39, 5, 6, 7 and 9)

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ASTM F2793-2014	Standard specification for bicycle grips
CPSC 16 CFR 1500.48	Determining a sharp point in toys and other articles intended for use by children under 8 years of age
CPSC 16 CFR 1500.49	Determining a sharp metal or glass edge in toys and other articles intended for use by children under 8 years of age
CPSC 16 CFR 1500.50	Test methods for simulating use and abuse of toys and other articles intended for use by children
CPSC 16 CFR 1500.51	Test methods for simulating use and abuse of toys and other articles Intended for use by children 18 months of age or less
CPSC 16 CFR 1500.52	Test methods for simulating use and abuse of toys and other articles intended for use by children over 18 but not over 36 months of age
CPSC 16 CFR 1500.53	Test methods for simulating use and abuse of toys and other articles intended for use by children over 36 but not over 96 months of age
CPSC 16 CFR 1501	Method for identifying toys and articles intended for use by children under 3 years of age which present a choking, aspiration, or ingestion hazard because of small parts
CPSC 16 CFR 1512	Requirements for bicycles
EN 71-1-2013	Safety of toys -- part 1: mechanical and physical properties
EN 14764	City and trekking bicycles
EN 15194-2017	Cycles — Electrically power assisted cycles – EPAC Bicycles
EN 16054	BMX bicycles - safety requirements and test methods
EN 60529	Degrees of protection provided by enclosures (IP code)
ISO 4210-1-2014	Safety requirements for bicycles -- part 1: terms and definitions
ISO 4210-2-2015	Safety requirements for bicycles -- part 2: requirements for city and trekking, young adult, mountain, and racing bicycles
ISO 4210-3-2014	Safety requirements for bicycles -- part 3: common test methods
ISO 4210-4-2014	Safety requirements for bicycles -- part 4: braking test methods
ISO 4210-5-2014	Safety requirements for bicycles -- part 5: steering test methods
ISO 4210-6-2015	Safety requirements for bicycles -- part 6: frame and fork test methods
ISO 4210-7-2014	Safety requirements for bicycles -- part 7: wheels and rims test methods
ISO 4210-8-2014	Safety requirements for bicycles -- part 8: pedal and drive system test methods
ISO 4210-9-2014	Safety requirements for bicycles -- part 9: saddles and seat-post test methods
ISO 8098-2014	Cycles — safety requirements for bicycles for young children

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ISO 11243:1994	Cycles – luggage carriers for bicycles – concepts, classification and testing
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*ABNT: Associação Brasileira de Normas Técnicas*

*CPSC: Consumer Product Safety Commission*