

भारतीय मानक ब्यूरो/ BUREAU OF INDIAN STANDARDS
(बी.एन.बी.ओ.एल बैंगलोर) / BNBOL, BANGALORE

हमारे संदर्भ/ Our Ref:BNBOL/Mech

10 March 2022

BNBOL has created test facility as per details given below:

IS No.	:	IS 9873 (Part 1): 2019
Product	:	IS 9873 (Part 1) : 2019 Safety of toys: Part 1 safety aspects related to mechanical and physical properties (Fourth Revision)
Test (s) with Clause No. for which facility has been created	:	4.3.1 Material quality, 5.2 Small parts test, 5.3 Test for shape and size of certain toys, 5.4 Small balls test, 5.5 Test for pompoms, 5.6 Test for pre-school play figure, 5.7 Accessibility of a part or component, 5.8 Sharp-edge test, 5.9 Sharp-point test, 5.10 Determination of thickness of plastic film and sheeting, 5.11 Test for cords, 5.14 Impact test for toys that cover the face, 5.15 Kinetic energy and wall impact test, 5.19 Leakage of liquid-filled toys, 5.20 Durability of mouth-actuated toys, 5.21 Expanding materials, 5.24.2 Drop test, 5.24.5 Torque test, 5.24.6 Tension test, 5.24.7 Compression test, 5.24.8 Flexure test, 5.33 Impact test for magnets, 5.34 Soaking test for magnets, 5.35 Determination of projectile range, 5.36 Tip assessment of rigid projectiles, 5.37 Length of suction cup projectiles, 5.38 Yo-Yo ball measurements, 5.39 Jaw entrapment test
Type/Size/Grade/Variety for which test facility has been created	:	All as per available test facility
Test Section	:	Mechanical
Major equipment procured for creation of test facility	:	Jaw entrapment fixtures Test templates A & B Mouth actuated toy durability tester Ballistic Precision Chronograph Compression Apparatus Head probe push tester
Status of facility created	:	Partial
Test (s) with Clause No. for which facility yet to be created for complete testing	:	4.3.2 Expanding materials 5.12 Stability and overload test 5.13 test for closures and toy chest lids 5.16 Free-wheeling facility and brake performance test 5.17 Determination of speed of electrically driven ride-on toys 5.18 Determination of temperature increases 5.22 Folding or sliding mechanisms 5.23 Washable toys 5.24.3 Tip-over test for large and bulky toys 5.24.4 Dynamic strength test for wheeled ride-on toys

		other than toy scooters 5.25 Determination of sound pressure levels 5.26 Static strength for toy scooters 5.27 Dynamic strength for toy scooters 5.28 Brake performance for toy scooters 5.29 Strength of toy scooter steering tubes 5.30 Resistance to separation of handlebar 5.31 Tension test for magnets 5.32 Magnetic flux index
Expenditure in creation/up-gradation of test facility		Approx 5 Lakh
Time taken for creation of test facility		1 year
Sample size	:	7 nos
Testing capacity/month	:	20/month
Remarks	:	-

Branch Offices are requested to kindly send the samples to BNBOL for above product./ शाखा कार्यालयों से अनुरोध है कि कृपया नमूने परीक्षण के लिए बैंगलोर प्रयोगशाला को भेजें

OIC (testing section)

Head (Lab)/प्रमुख बैंगलोर प्रयोगशाला

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