

MD TEST REPORT

For ELECTRIC SCOOTER

Model No.: IX7 PRO, IX7, IX7 Plus, IX7 Pro, IX7 Max, IX7L, IX7M, IX7Y,

IX7X, IX7S, IX7S Plus, IX7S Pro, IX7S Max, IX5, IX6, IX8, GT3,

GT4, GT5

Applicant: Shenzhen Xincheng Times Technology Co., Ltd

104-105, Block C, Donghai Wang Building, No. 369 Bulong Road, Ma'antang Community, Bantian Street, Longgang

District, Shenzhen

Manufacturer: Shenzhen Xincheng Times Technology Co., Ltd

104-105, Block C, Donghai Wang Building, No. 369 Bulong Road, Ma'antang Community, Bantian Street, Longgang

District, Shenzhen

Issued By: Shenzhen An-Xin Testing Service Co., Ltd.

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Report Number: 00440AX5036M

Issued Date: Jun. 13, 2024

Date of Report: Jun. 13, 2024

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TEST REPORT

EN 17128

Light motorized vehicles for the transportation of persons and goods and related facilities and not subject to type-approval for on-road use-Personal light electric vehicles(PLEV)-Requirements and test methods

Report Reference No:	00440AX5036M
Tested by (name + signature):	Jet chen
Approved by (name + signature):	Kevin Liu
Date of issue:	Jun. 13, 2024
Testing Laboratory:	Shenzhen An-Xin Testing Service Co., Ltd.
Address:	Room 402-405, Floor 4th, Building C, Yuxing Technology Industrial Park, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
Testing location/address	Same as above
Applicant's name	Shenzhen Xincheng Times Technology Co., Ltd
Address:	104-105, Block C, Donghai Wang Building, No. 369 Bulong Road, Ma'antang Community, Bantian Street, Longgang District, Shenzhen
Test specification:	114 " PLAN PI
Standard:	EN 17128: 2020
Test Report Form No	- My by by Alex
TRF Originator:	Shenzhen An-Xin Testing Service Co., Ltd.

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Test item description:	ELECTRIC SCOOTER
Trade Mark	N/A
Model and/or type reference:	IX7 PRO, IX7, IX7 Plus, IX7 Pro, IX7 Max, IX7L, IX7M, IX7Y, IX7X, IX7S, IX7S Plus, IX7S Pro, IX7S Max, IX5, IX6, IX8, GT3, GT4, GT5
Manufacturer:	Shenzhen Xincheng Times Technology Co., Ltd
Address:	104-105, Block C, Donghai Wang Building, No. 369 Bulong Road, Ma'antang Community, Bantian Street, Longgang District, Shenzhen
Rating(s):	Input: AC100- 240V, 50/60Hz, 2.5A; Output: DC54.6V, 2A



Summary of testing:

The products were evaluated under EN 17128, 2006/42/EC Annex 1 was as considered.

All tests were conducted and test result was pass.

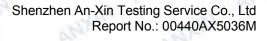
ELECTRIC SCOOTER

Model: IX7 PRO

Rating:Input: AC100- 240V, 50/60Hz, 2.5A; Output; DC54.6V, 2A



Shenzhen Xincheng Times Technology Co., Ltd 104-105, Block C, Donghai Wang Building, No. 369 Bulong Road, Ma'antang Community, Bantian Street, Longgang District, Shenzhen



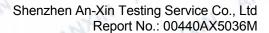


ANXIN

Test item particulars:	Safety equipment	
Classification of installation and use	Distribution Boards	100
Supply Connection:	N/A	
AND		
Possible test case verdicts:	" Page. Page.	P
- test case does not apply to the test object:	N/A	
- test object does meet the requirement::	P(Pass)	
- test object does not meet the requirement:	F(Fail)	
Testing:	IN PORT	MAL
Date of receipt of test item:	Jun. 07, 2024	
Date (s) of performance of tests:	Jun. 07, 2024 to Jun. 13, 2024	
General remarks:	MAN TANK	N
The test results presented in this report relate only to the o	object tested.	
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Day of the		
"(see Enclosure #)" refers to additional information apper	nded to the report.	
"(see appended table)" refers to a table appended to the re	eport.	
by by		
L 0		

General pro	duct inform	nation:	20	Man	MAN	MXIL
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Throughout this report a comma is used as the decimal separator.





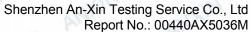
General remarks:	ally waster with
"(see remark #)" refers to a remark appended to the report.	Attached with:
"(see appended table)" refers to a table appended to the report.	Attachment - A. Photo Documentation
Throughout this report a comma is used as the decimal separator.	es to the state of the same
The test results presented in this report relate only to the object tested.	WALL WASHING WALL WASHING WINDS
This report shall not be reproduced except in full without the written approval of the testing laboratory.	MAXIM WAXIN WAXIN WAY
Until otherwise specified, all tests are done under normal ambient condition $25^{\circ}\text{C}\pm10^{\circ}\text{C}$, Max RH: 75% and air pressure of 860 mbar to 1060 mbar.	IN ANXIN ANXIN ANXIN
Brief description of the test sample:	May other stru

ANXIN

ANXIN

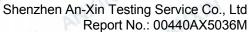
AMXIM

ANXIN ANXIN





	The Man	athle M	KIL.
4	Classes of vehicles	Class 2	PAR
5	General safety requirements and protective measures	PANA	AN VIPL P
6	Electrical components	KIN KIN	P
6.1	General mechanical strength	PLA	P
MAIN	Applying impacts to the enclosures of ESA mounted on the vehicles by means of the spring hammer as specified in EN 60068-2-75:2014. The ESA is rigidly supported and three impacts are applied to every point of the enclosure that is likely to be weak with an impact energy of $(0,7\pm0,05)$ J.	ANXIN ANXIN	N P ANY
in XIII	Detachable ESA are submitted to free fall on a rigid surface as specified in EN 22248:1992 at a height of 0,90 m in three different positions. The positions shall be one surface, one edge and one corner of the enclosure that are likely to be the mos onerous position.	NXW PHXW	ANXIN
6.2	Electrical power on/ off control	DIAN. "A.	P
	An electrical power on/off control shall be fitted to on and power-off the driving power. It shall be apparent, easy to reach and unmistakable. This electrical power on/off control shall be activated voluntary by the user to enable the driving power. The electrical power on/off system shall be designed such that, in the event of a malfunction, the vehicle shall still be able to stop or be able to be stopped with a smooth deceleration (as defined in	see attached file	ANXIN PM
	15.4.2.5 Electric failure braking compensation). The electrical power on/off system shall be located in a position easily reachable by the user with appropriate symbol given in Annex F. On self-balancing vehicles or vehicles with electric brake, the power -off control shall not disconnect	M ANXIN AT	PREXIM V.
	the power while driving: the power -off control shall only work without user on the vehicle. NOTE The electrical power on/off system is a mechanical solution (key-lock, button, etc.) or an	PUNCH PAKIN	THE VIEW
PLAY.	electrical solution (user detection, turn off timer, etc.).	Willy by	and pro
6.3	Electrical cables and connections	Pr.	P P
6.3.1	General	King Pickler	P
3.	All electrical connectors shall be selected to preven the corrosion	t Kley by	Р
6.3.2	Cable and plugs	V. L. V. V. L. V.	P





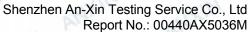
6.3.2.1	Requirements		N/A
MAXIN DE	After the test according to 6.3.2.2, there shall be no deterioration of the insulation on either assembly. The cable cross sections shall be selected in accordance with EN 61558-1:2005, EN 61558-2-16:2009,EN 60335-1:2012, EN 60335-2-29:2004, Table 11 or a temperature rise test shall be performed, in accordance with 6.3.2.2 the temperature of the cables and plugs in use shall be at least 5 °C lower than the maximum specified by the manufacturer.	ANXIN ANXIN	N/A
6.3.2.2	Test method	of by. West	P 🔊
usus i	At an ambient room temperature (20 ± 5) °C, discharge the fully charged vehicle battery to the discharging limit for the vehicle, and the vehicle is supplied at rated voltage and operated under normal operation: measure the cable and plug temperature rises.	24.6℃	WAINS WAINS
6.3.3	Wiring	by Maria	Path
Pire 19	Wiring shall be checked according to the following sequence at an ambient room temperature (20 \pm 5) $^{\circ}\mathbb{C}$.	A PLANING PLAN	III P
KIN P	Wireway shall be smooth and free from sharp edges.	ANXIN ANXIN	MXP4
PHXIM	b) Wires shall be protected so that they do not come into contact with burrs, cooling fins or similar sharp edges that may cause damage to their insulation.	HAXIN MAXIN	PANXIN
A ANY	c) Holes in metal through which insulated wires pass shall have smooth well-rounded surfaces or be provided with bushings.	y busy busy	P AN
NAM P	d) Wires shall be effectively prevented from coming into contact with moving parts.Compliance with a), b), c) and d) shall be checked by physical inspection.	CKIM ANKIM AT	ANXIM
PENNIN	e) Separate parts of the vehicles that can move in normal use or during user maintenance relative to each other, shall not cause undue stress to electrical connections and internal conductors, including those providing earthing continuity.	WANTER WANTER	P ANX
10.54		. 4	



PLAY.	f) If an open coil spring is used to protect wire, it shall be correctly installed and insulated. Flexible metallic tubes shall not cause damage to the insulation of the conductors contained within them.	KIN BUKIN AN	PAN
XIL	Compliance with e) f) shall be checked by inspection and by the following test method:	and Aller	MAKING
VIXILI	If flexing occurs in normal use, the product is placed in its normal operational position and is supplied at rated voltage under normal operation.	ANXIN ANXIN	A PLAXIL
W MAY	The movable part is moved from an extreme position to the opposite extreme position, so that the conductor undergoes maximum flexion.	31	axin by
WALK IN	 For conductors that are flexed in normal use, flex movable part for 10 000 cycles at a test frequency of 0,5 Hz. 	ANY ANY ANY	PLIXILA
MXIN	 For conductors that are flexed during user maintenance, flex the movable part for 100 cycles at the same frequency. 	MAY MAKE	IN PINT
6.3.4	Wiring harness	bie. Why	Р
The W	When a wiring harness is installed, it shall be positioned to avoid any damage related to contact with moving parts or sharp edges. All connections shall withstand a tensile force of 10 N in any direction.	Tested, no abnormalities	MXIN MXIN
6.3.5	Power cables and conduits	Lan.	Р
M PUR	Conduit entries, cable entries and knockouts shall be constructed or located so that the introduction of the conduit or cable does not reduce the protection measures adopted by the manufacturer.	in been been been	P AN
A FIXE	The insulation of internal wiring shall withstand the electrical stress likely to occur in intended use. The wiring and its connections shall withstand an electrical strength test with the following characteristics.	WALL STAND	PHXIM
6.3.6	External and internal electrical connections	1. bo.	P
6.4	Moisture resistance	VAXILE -CA	N P
ring by	The enclosure of electrical components of a fully assembled vehicles shall comply with and be tested in accordance with IPX4 tested in accordance with EN 60335-1:2012, 15.1.	IPX4	WXW P
	LIN 00333-1.2012, 13.1.	1100	
6.5	Resistance to vibration for electric functions	WAIN TALL	Pup



	1 by My	My The	
6.5.1	Requirements	h. View	P
	This requirements applies to all PLEV classes 1 to 4.	VINNE VI	IL P
	The vehicle shall withstand a vibration test representing the foreseeable use on roads and public areas.	The BUXIN	MXIN
	When tested according to the method described in 6.5.2, all electric functions shall be fully maintained. Verification shall be by function test after the vibration test.	AMXIN AMXIN	A ANY
6.5.2	Test method	of bis. Blass	Р
3. 1	Driving power management	15/1P	- P
7.1	Driving power activation	Pr. Pr	Р
7.1.1	Requirements	Accordance with standard 7.1.1	PAR
7.1.2	Test method	Less Mars	Р
7.1.2.1	Test conditions	Die. Dies.	P
7.1.2.2	Test procedure	MAN	P
7.2	Power failure of control system	bie. Why	Р
	For class 1 and class 2 vehicles, in the event of an electrical power failure the vehicle shall be able to brake normally or, shall come to a standstill with a deceleration between (1,5-2) m/s2.	THE PRINCIPAL OF THE PARTY OF T	NXIN
	For class 3 and class 4 vehicles, a fault condition in the power control system shall be indicated by a warning signal (visual, audible, vibrating.) on the handlebar, the vehicle itself or to the remote control (see Clause 17).	ANXIN ANXI	ATTEN A
Why b	In a driving condition the loss of connection to the warning device, on the remote control, shall result in a speed reduction to 6 km/h or less for a Class 4 vehicle; the speed reduction shall happen in a safe manner without creating additional hazards with corresponding audio notification and tilt back of decks on self-balancing vehicles.	THE WALL STATES OF THE PARTY P	VIIXILI EXILI
7.3	Unintended or unauthorized use of vehicle	in land	P
P.M	Means shall be provided to prevent an unintended or unauthorized use of the vehicle, e.g. keys, locks, electronic control device.	IM WHEN WIN	P P
3	Speed limitation	Wilds.	737 P
3.1	Pedestrian mode	Mr. Mixes	Р
3.1.1	General	W. Bless	Р





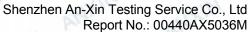
Present	Vehicles classes 2 and 4 shall be equipped with a pedestrian mode for limiting the speed to a maximum of 6 km/h.	WAXIN DIA	UP PAN
AIX PIX	A distinctive and visible warning light shall be provided to indicate both to the user and others in the vicinity of the vehicle when pedestrian mode is in operation. It shall be active only when the pedestrian mode is activated.	ANXIN ANXIN	PLAXIN
MAN	Verification shall be in accordance with 8.1.2	by by	MA
8.1.2	Test method	West of the	P
8.1.2.1	Test conditions	The base	P
12	a) The test may be carried out on a test track, a test bench or on a roller.	MAXIN M	AXIL P
Printer	b) The speed measuring apparatus and test conditions shall have the following characteristics:1) accuracy: ± 2 %;	MXM MXM MXM	ANXIN
MXII	2) resolution: 0,1 km/h.	by War	0.74
	c) The ambient temperature shall be between 5 °C and 35 °C.	WASHING WAS	∭ P
P.Z.	d) Maximum wind speed: 3 m/s.	The ries	Р
VII.	e) The battery shall be fully charged in accordance with the manufacturer's instructions.	IN DIE	W/P
PHYLL	f) With the vehicle operate under normal operation, but the motors are loaded to 33 % of their locked rotor current by adjusting the load on its rotational axis in the forward direction.	WANTER WANTER	PAI
8.1.2.2	Characteristic of the test track	4 4	P
14	The gradient of the track shall not exceed 0,5 %. If the gradient is less than 0,2 % carry out all runs in the same direction. If the gradient lies between	THE PLANT OF PL	Р
MANN.	0,2 % and 0,5 % carry out alternate runs in opposite directions. The surface shall be hard, of concrete or fine asphalt free from loose dirt or gravel. The minimum coefficient of friction between the dry surface and the vehicle tyre shall be 0,75.		PLAXIM
8.1.2.3	Characteristic of the test bench	MAIN M	M P
, phi	The test bench shall simulate normal road conditions.	THE WAY THE	Р
8.1.2.4	Characteristic of the roller	Plan	P



VILLY.	The test roller shall support with bearing to decrease the resistance, load need to add to the roller to reach rated current (see Figure 2).	WAXIN DIS	CIP PAIN
8.1.2.5	Test procedure	in law law	Р
XIL1	a) Prepare the vehicle by running it for 5 min at 80 % of the speed corresponding to maximum power as declared by the manufacturer, then stop it.	ANXIN ANXIN	ANYPR
VIN,	b) Actuate the mode for limiting the speed to 6 km/h (or less) and check whether the speed operating range of the power assistance is limited to 6 km/h (or a lower value).	H ANXIN ANXI	P
8.2	Maximum speed with power assistance	The same	- CIP
8.2.1	Requirements	-17th -27 PM	Р
WXIN	The maximum speed for which the electric motor gives assistance shall be in accordance with the maximum permitted speed for the class. It may differ by (±10 %) of the maximum speed marked on the vehicle given in the instruction manual/sheet and determined according to the test method described in 8.2.2.The maximum speed in this mode shall not exceed 25 km/h.	Max; 25 km/h	AMPAINS
8.2.2	Test method	AL STA	P
8.2.2.1	Test conditions	b9.	N P
MAIN	The test shall be performed in accordance with 8.1.2.1, 8.1.2.2 and 8.1.2.3	MXII.	PATT
8.2.2.2	Test procedure	-15/14 -11	Р
8.2.2.2.1	Test for vehicle with 100% electric propulsion	by. Why	P
T Bran	If performed with a test bench:	14/14	- INP
	a) Put the vehicle on the bench and bring it to the maximum achievable speed and maintain the speed for 60 s at least;	EXILA DES. DEL	1. XIV
	b) Measure the vehicle speed by measuring the speed of the test bench. If performed with a test track:	ANXIN ANXIN	by.
	c) Put the vehicle on the track and bring it to the maximum achievable speed and maintain the speed for 60 s at least;	WAXIN WAX	ly by
	d) Measure the vehicle speed.	OLA CALL	Less
	e) The measured speed shall not exceed 25 km/h (±10) % and the maximum speed (±10) % indicated by the manufacturer in the instruction manual/sheet if lower.	MXIN MAXIN	TAXII.

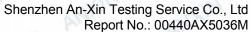


	at Pri Aller	The Totales	
8.2.2.2.2	Test for vehicle partially electrically powered	bles	PARI
XIN P	a) The test shall be carried out on a bench powered such that the speed of the PLEV can be increased to 120 % of the maximum speed achievable solely under electrical power and the speed of the vehicle shall be measurable in accordance with 8.1.2.1:		ANXIN
MAXIN	b) Put the vehicle on the bench and bring it to the maximum speed achievable solely with vehicle electrical power.		A PLAXI
WALL PUR	c) Using the test bench drive increase the vehicle speed to 120 % of the maximum speed achievable solely with vehicle electrical power and maintain for 30 s. The measured speed shall not exceed25 km/h (±10) % and the maximum speed (±10) % indicated by the manufacturer in the instruction manual/sheet if lower.		PLAXING BANKING
ANXI	d) Disconnect the test bench drive while maintaining the vehicle speed control at maximum achievable setting. Measure the vehicle speed.		THE PIPE
8.3	Reverse mode	L. Die	Р
8.3.1	Requirement	" MXIII	Р
PHXILI L	Vehicles with a reverse driving function shall be equipped with a device limiting its speed to 6 km/h when travelling in reverse. If travelling in reverse, an active sound signal shall be audible.	IN ANXIN	ATAXIT
8.3.2	Test method	42×11	Р
N AND	The test shall be carried out on a test bench as follows:	orking by	P M
axin.	a) Prepare the vehicle by running it for 5 min at 80 % of the speed corresponding to maximum power as declared by the manufacturer, then stop it.		ANXIN
ANXI	b) Drive the test bench to simulate driving the vehicle in the reverse direction of travel at the maximum achievable speed. Check that the speed operating range of the power assistance		IN ANY
	is limited to 6 km/h(or a lower value).	Mr. Vigo	
9	Electromagnetic compatibility	Mr. May	Р





6715	19/3/	100		1 1111 1 10		P. Lan.
200	Vehicle class	1 and 2 shall conf	orm to Annex B		blan	PAN
, po		3 and 4 shall conf with the following	orm to EN 61000-6- modification.	MXIM	27	
P	The vehicle or	perated as describ	ed in B.2.2.3.	-5129	let le	
9.2	Immunity	la.	by.	VIJ.		P
	Vehicle class	1 and 2 shall conf	orm to Annex B	My	lan	Р
PHYLLI		3 and 4 shall conf 19 apply with the f		Dry.	MAX.	
27.5	The vehicle or	perated as describ	ed in B.4.4.	P7 D7.	MA	
N	Specific perfo	rmance criterion fo	or PLEV:	150-07/2	7	
n mil		all functions of veh during and after e ce.		WALL BUY	DAIN AT	
MAXI	designed more of the tolerance within nor		however, one or and the specified rn automatically to posure is removed.	ANXIN	ANXIM	
KIM A	not perfor return aut	one or more function as designed du comatically to norm is removed.	ring exposure but	XIM ANX	in hi	
9.3	Battery charge	er	57.	PLAIL.	MXII.	PAIN
An AND	charging on the	not intended to be ne electric network hole PLEV plus in d for EMC accordi	, for integrated	to broking	PLAN.	ATT AT
10	Charging of ba	atteries	- VILI	and ha	P.	Р
10.1	General	ber	Mrs. D.	Mr. of	The	PIN
ATHXII	charging syste shall be protec contact with the vehicle and its	cted against hazar ne charging conne	charger), the user ds due to accidenta ctions on the s. For enclosures of		PUXIN	PA P
10.2	Test method	2500	15/4	154	ed la	Р
ter	P	- b	(a. " b)		1	497





PRIN	For each fault condition introduced, battery before charging is as follows	The second secon	412	VI.	PAN
XIE P	A series configured battery shall ha imbalance. The imbalance is introdudischarged battery by charging one approximately 50 % of full charge o	uced into a fully cell to		Y PLACE	
	Conduct the charging test, each cel continuously monitored to determine exceeded the limit condition. Ventin permitted.	e if it has		ZXIEJ	
	For vehicles with external battery charging contacts and plugs shall be away that accidently touching live p (e.g. caps for plugs and outlets).	e designed in		PHYS.	
10.3	Safeguarding and complementary p	rotective measures	14	(e)	P
Try In	The following measures shall be ap appropriate:	plied where	in Mrs	AT AT	Р
PRIXI	 charging systems shall be designed way that the charging connection activated when the vehicle is continuous. 	ons are only		MAN MAN	
KIM P	 charging systems shall display status or give a signal when the charged; 			per ask	
PLAXIE	 charging systems shall be designed way that the correct charging of automatically supervised, and the caused by overloading or charged discharged batteries are prevent. 	the battery is hus hazards ing of deeply		XIN P	
11	Energy storage within the vehicle	Low I	J	71.	P M
11.1	Requirements	MAKE	197/19	4/h	Р
414	The vehicle as well as the sets of ending (i.e. battery) shall be designed and such as to prevent any risk of fire an deterioration resulting from foresees use. Compliance with this requirement the test described in 11.2.	constructed nd mechanical able abnormal	THE WAY	WALL BY	P XIM
11.2	Test method	MA	Lan.		Р
	100	177	-17	47/10	



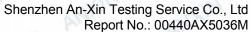
VINCE	The test shall be conducted accord (all parts) or, as follows:	ling to EN 62133	WIN DIN	PAR
	a) Battery terminals are short-circu charged batteries.	ited using fully		711.
	b) Motor terminals are short-circuit controls are in ON position and bat charged.			MXIN
	c) The vehicle is operated with the drive system locked so as to fully continuous or until the system stops.			A PLAXI
	d) The battery is charged for doubl recommended charging period or f the longest of these two periods.			CKIPS AS
	Verification: there shall be no visible b), c) and d) and no overvoltage for			- 167
12	Structural integrity	P.	Mar	P
12.1	General	MAIL	TOTAL SIE	Р
12.1.1	Numbers and conditioning of samp	oles	bre Way	Pot
12.1.2	Test condition tolerances	47/10	-12/14	M P
12.1.3	Crack detection	ind	bys Way	Р
the beautiful	Standardized methods may be use presence of cracks when visible cr specified as criteria of failure in the in this standard.	acks are	MXIN MXIN	STEX PA
12.2	Static load test	100	V. VIII	Р
12.2.1	Deck/frame	MAN	11/1/4 NI	Р
12.2.1.1	Requirement	10.	My May	P 🔊
WALL DE	When tested according to the metrous Clauses 12.2.1.2, 12.2.1.3 or shall be no cracks or fractures, or estructure, or unfolding. Where the the vehicle does not allow the full rapplied in normal use to each deck maximum mass is divided by two to load for each deck.	12.2.1.4 there collapse of the construction of mass to be then the	ANXIN ANXIN ANXIN	ANXIM ANXIM
City big	Progressively apply a mass of 100 greater, a mass equal to the maxin payload marked on the vehicle in a 19.2.1 and multiplied by a safety faduring1 min with a flat device havin 100 mm × 100 mm to the centre of deck(s)(see Figure 3).	num permissible accordance with actor of 2,5 and a surface of	M ANXIN ANX	WANG I
12.2.1.3	Test method - 3 - wheeled vehicle	L	la. Phys.	P



ANY AN	Progressively apply a mass of 100 kg or, wh greater, a mass equal to the maximum permayload marked on the vehicle in accordance 19.2.1 and multiplied by a safety factor of 2, 1min with a flat device having a surface of 1 x 100 mm to the centre of the two following positions a and b simultaneously (see Figure	nissible be with 5 during 00 mm	MAIN AN	ANXIN
ANXIN ANX	If plastic material is used for the deck or stee system the 3-wheeled vehicle has to be con for at least 6 h at a temperature of (5 ± 1) °C the test within 1 min of removing the PLEV f conditioning environment and complete it wi min.	ditioned C. Start from the	THE WAXIN	A ANYTH
12.2.1.4	Test method - self - balancing vehicle	MAN	MXIII	Y///P
MXIN P	Progressively apply a mass of a minimum of or, when greater, a mass equal to the maxin permissible payload marked on the vehicle is accordance with 19.2.1 and multiplied by a sefactor of 2,5 during 1 min with a flat device is surface of 100 mm x 100 mm to the centre of deck(see Figure 5).	num n safety naving a	MXW W	ANXIN
	If plastic material is used for the deck or stersystem the self-balancing vehicle has to be conditioned for at least 6 h at a temperature 1) °C. Start the test within 1 min of removing PLEV from the conditioning environment an complete it within 5 min.	of (5 ± the	ANXIN ANX	NEXIN
12.2.2	Handlebar and steering column	Maria	VIJ.	Polit
12.2.2.1	Bending test	The T	[4]	Р
12.2.2.1.1	Requirements	MA	With.	Р
A Ala	When tested according to the method descr 12.2.2.1.2, there shall be no cracks or fractu deterioration of the operation of the handleb steering column.	ires, or	WAIN DE DE	PAN
12.2.2.1.2	Test methods	W.	Mar.	P
PINXIN	The steering column shall be in maximum h position and centrally loaded with a 50 kg m applied in directions A and B, each for 1 mir shown in Figure 6.	ass,	VIEW PERKING	P ANX
N AM	The handlebar shall be in maximum high po and loaded with a 50 kg mass divided in two 1min, as shown in Figure 7.		THE ANY	-11/4 P
12.2.2.2	Vertical loading test	100	Pile.	W. b
12.2.2.2.1	Requirements	of the	- VIET	Р "М



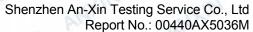
PAN	method describ cracks or fractu of the handleba		there shall be no on of the operation mn. Nor shall there	CIM PANKAN	NE PLA	ALLY SI
12.2.2.2.2	Test method	Time.	bit.	PL)	1	N/P
WANY PHYIN	with the manufa manual/sheet.E half of its adjus locking system. "m" of 50 kg s	Load the vehicle imultaneously to ections A as show	copic tube up to m) and engage the by applying a mass the centre of each	ANXIN ANXIN	WAYN	AWX AWX
	separated, the locking systems and whether the	ther the head tube handlebar has no s are still operatio e operation of the n has not deterion	nal and engaged handlebar or	ANA PINA	NY A	PINKIN
12.2.2.3	Torque test	7	1	bo.	Mar	Path
12.2.2.3.1	Requirement	Bless	a state of	en XIII	2	M P
UM PU	12.2.2.3.2, ther	ccording to the me e shall be no mov in relation to the		The branch	THY DAY	P
12.2.2.3.2	Test method	- Arles	CALLY.	In	-	Р
ANXIN	steering columninstructions.	essemble the hand in according to the bork in rotation.		MAXIN	MAN.	P
	direction of perpendicu	rque C of 20 Nm of possible rotation lar to the axis of the maintain each tore	in a plane he handlebar/fork	chia Maxii	A P. A.	KIP A
12.2.2.4	Handlebar grips	s and plugs	b2	P3	11.	P
12.2.2.4.1	Requirements	MIN	MXIII	MA	182	Р
MANN	or end plugs. W described in 12			ANXIN	VIEW VIEW	PANT
12.2.2.4.2	Test method	De.	-1/1-	(60)		Р





EN 17128 Requirement+ Test Result - Remark Verdict Clause

The handlebar stem shall be provided with one of the two following means to guarantee a safe insertion depth into the steering column: a) the handlebar stem shall be provided with a permanent, transverse mark, of a length greater than or equal to the external diameter of the handlebar stem clearly indicating the minimum depth for inserting its rod into the steering column. The insertion mark shall be positioned at least2,5 times the external diameter of the rod from the lower end of the handlebar stem. The length of the solid section of the handlebar stem below the mark shall be at least equal to the external diameter of the rod; b) the handlebar stem shall be provided with a permanent stop to prevent it from being drawn out of the steering column beyond the minimum insertion depth defined in a). 12.3 Frontal impact resistance P Requirements for class 2 When tested according to the method described in 12.3.3, there shall be no visible cracks or fractures in any point of the folding mechanism -head tubehandlebar assembly. There shall be no visible cracks or fractures in any part of the frame and there shall be no separation of any elements of the suspension system. The assembly remains operational even if significant clearances are found. These clearances are acceptable if they do not involve the safety of the user. In particular, the locking of the folding system, if any, shall be checked when the scooter is unfolded If applicable, the folding mechanisms shall remain locked.				
given is Figure 10. Telescopic handlebar (if fitted) The handlebar stem shall be provided with one of the two following means to guarantee a safe insertion depth into the steering column: a) the handlebar stem shall be provided with a permanent, transverse mark, of a length greater than or equal to the external diameter of the handlebar stem clearly indicating the minimum depth for inserting its rod into the steering column. The insertion mark shall be positioned at least2,5 times the external diameter of the rod from the lower end of the handlebar stem. The length of the solid section of the handlebar stem. The length of the solid section of the handlebar stem below the mark shall be at least equal to the external diameter of the rod; b) the handlebar stem shall be provided with a permanent stop to prevent it from being drawn out of the steering column beyond the minimum insertion depth defined in a). 12.3 Frontal impact resistance P When tested according to the method described in 12.3.3, there shall be no visible cracks or fractures in any point of the folding mechanism -head tubehandlebar assembly. There shall be no visible cracks or fractures in any part of the frame and there shall be no separation of any elements of the suspension system. The assembly remains operational even if significant clearances are found. These clearances are acceptable if they do not involve the safety of the user. In particular, the locking of the folding system, if any, shall be checked when the scooter is unfolded If applicable, the folding mechanisms shall remain locked.	PRINT	then apply a force of 70 N to the grip or plug in the	MANY DIS	UP PAR
The handlebar stem shall be provided with one of the two following means to guarantee a safe insertion depth into the steering column: a) the handlebar stem shall be provided with a permanent, transverse mark, of a length greater than or equal to the external diameter of the handlebar stem clearly indicating the minimum depth for inserting its rod into the steering column. The insertion mark shall be positioned at least2,5 times the external diameter of the rod from the lower end of the handlebar stem. The length of the solid section of the handlebar stem stem below the mark shall be at least equal to the external diameter of the rod; b) the handlebar stem shall be provided with a permanent stop to prevent it from being drawn out of the steering column beyond the minimum insertion depth defined in a). 12.3 Frontal impact resistance P When tested according to the method described in 12.3.3, there shall be no visible cracks or fractures in any point of the folding mechanism -head tubehandlebar assembly. There shall be no visible cracks or fractures in any part of the frame and there shall be no separation of any elements of the suspension system. The assembly remains operational even if significant clearances are found. These clearances are acceptable if they do not involve the safety of the user. In particular, the locking of the folding system, if any, shall be checked when the scooter is unfolded If applicable, the folding mechanisms shall remain locked.			KIN THE	-IN
the two following means to guarantee a safe insertion depth into the steering column: a) the handlebar stem shall be provided with a permanent, transverse mark, of a length greater than or equal to the external diameter of the handlebar stem clearly indicating the minimum depth for inserting its rod into the steering column. The insertion mark shall be positioned at least2,5 times the external diameter of the rod from the lower end of the handlebar stem. The length of the solid section of the handlebar stem below the mark shall be at least equal to the external diameter of the rod; b) the handlebar stem shall be provided with a permanent stop to prevent it from being drawn out of the steering column beyond the minimum insertion depth defined in a). 12.3 Frontal impact resistance P Requirements for class 2 When tested according to the method described in 12.3.3, there shall be no visible cracks or fractures in any point of the folding mechanism -head tube-handlebar assembly. There shall be no visible cracks or fractures in any part of the frame and there shall be no separation of any elements of the suspension system. The assembly remains operational even if significant clearances are found. These clearances are acceptable if they do not involve the safety of the user. In particular, the locking of the folding system, if any, shall be checked when the scooter is unfolded If applicable, the folding mechanisms shall remain locked.	12.2.2.5	Telescopic handlebar (if fitted)	P21.	AMP
permanent, transverse mark, of a length greater than or equal to the external diameter of the handlebar stem clearly indicating the minimum depth for inserting its rod into the steering column. The insertion mark shall be positioned at least2,5 times the external diameter of the rod from the lower end of the handlebar stem. The length of the solid section of the handlebar stem below the mark shall be at least equal to the external diameter of the rod; b) the handlebar stem shall be provided with a permanent stop to prevent it from being drawn out of the steering column beyond the minimum insertion depth defined in a). 12.3 Frontal impact resistance P 12.3.1 Requirements for class 2 When tested according to the method described in 12.3.3, there shall be no visible cracks or fractures in any point of the folding mechanism -head tube-handlebar assembly. There shall be no visible cracks or fractures in any part of the frame and there shall be no separation of any elements of the suspension system. The assembly remains operational even if significant clearances are found. These clearances are acceptable if they do not involve the safety of the user. In particular, the locking of the folding system, if any, shall be checked when the scooter is unfolded If applicable, the folding mechanisms shall remain locked.	MXIN	the two following means to guarantee a safe	VAXILLA VIAXILA	PWXI
insertion depth defined in a). 12.3 Frontal impact resistance P 12.3.1 Requirements for class 2 When tested according to the method described in 12.3.3, there shall be no visible cracks or fractures in any point of the folding mechanism -head tubehandlebar assembly. There shall be no visible cracks or fractures in any part of the frame and there shall be no separation of any elements of the suspension system. The assembly remains operational even if significant clearances are found. These clearances are acceptable if they do not involve the safety of the user. In particular, the locking of the folding system, if any, shall be checked when the scooter is unfolded If applicable, the folding mechanisms shall remain locked.		permanent, transverse mark, of a length greater than or equal to the external diameter of the handlebar stem clearly indicating the minimum depth for inserting its rod into the steering column. The insertion mark shall be positioned at least2,5 times the external diameter of the rod from the lower end of the handlebar stem. The length of the solid section of the handlebar stem below the mark shall be at least equal to the external diameter of the rod; b) the handlebar stem shall be provided with a permanent stop to prevent it from being drawn	ANXIN ANXIN ANXIN ANXIN ANXIN ANXIN ANXIN	SKIPL PARKENTA PARKANA PARKANA PARKANA
12.3.1 Requirements for class 2 When tested according to the method described in 12.3.3, there shall be no visible cracks or fractures in any point of the folding mechanism -head tube-handlebar assembly. There shall be no visible cracks or fractures in any part of the frame and there shall be no separation of any elements of the suspension system. The assembly remains operational even if significant clearances are found. These clearances are acceptable if they do not involve the safety of the user. In particular, the locking of the folding system, if any, shall be checked when the scooter is unfolded If applicable, the folding mechanisms shall remain locked.	11/2	P. D.	SIL VININ	MA THE
When tested according to the method described in 12.3.3, there shall be no visible cracks or fractures in any point of the folding mechanism -head tube-handlebar assembly. There shall be no visible cracks or fractures in any part of the frame and there shall be no separation of any elements of the suspension system. The assembly remains operational even if significant clearances are found. These clearances are acceptable if they do not involve the safety of the user. In particular, the locking of the folding system, if any, shall be checked when the scooter is unfolded If applicable, the folding mechanisms shall remain locked.		The state of the	110 E.	100
12.3.3, there shall be no visible cracks or fractures in any point of the folding mechanism -head tube-handlebar assembly. There shall be no visible cracks or fractures in any part of the frame and there shall be no separation of any elements of the suspension system. The assembly remains operational even if significant clearances are found. These clearances are acceptable if they do not involve the safety of the user. In particular, the locking of the folding system, if any, shall be checked when the scooter is unfolded If applicable, the folding mechanisms shall remain locked.	12.3.1	Requirements for class 2	MAN WALL	P
12 E. M. 12 E.		12.3.3, there shall be no visible cracks or fractures in any point of the folding mechanism -head tube-handlebar assembly. There shall be no visible cracks or fractures in any part of the frame and there shall be no separation of any elements of the suspension system. The assembly remains operational even if significant clearances are found. These clearances are acceptable if they do not involve the safety of the user. In particular, the locking of the folding system, if any, shall be checked when the scooter is unfolded If applicable, the folding mechanisms shall remain	ANXIN ANXIN ANXIN ANXIN ANXIN	ANXIN ANX
	12.3.2	Test method for vehicle of class2	May " "	Р

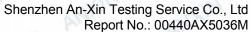




MAN	Adjust the handlebar at the maximum height.	M by VIII	PAIN
	The frame is mounted on a rigid fixture by the rea axle attachment points.	WANNE WA	CILY
	The frame is loaded with masses and can turn around the rear axle. The assembly is rotated about the rear axle and then let falling down on the anvil		MXIN
12.3.3	Requirements for class 4	MALLS TAILS	Р
M ANY	When tested according to the method described in 12.3.4, there shall be no visible cracks or fracturer in any part of the frame and there shall be no separation of any elements of the suspension system. The assembly remains operational even is significant clearances are found. These clearance are acceptable if they do not involve the safety of the user.	ELYA PIRKINA PIRKI	SXIN A
12.3.4	Test method for vehicle of class 4	May Willy	P
	The vehicle shall jump/drive over at 8-10 km/h of a pavement step down (foreseeable risk) where the step should be limited to 1/4 height of the wheel diameter (see Figure 13). The test shall be conducted with the mass of the maximum design load separated to the two platforms. If appropriate	M PHY PHYSIC	IM PINY
YIM BY	tyre pressure shall be adjusted according to the maximum value given by the manufacturer. Repeat the test and then check for damages.	WALLEY BLAKING	WALLY .
12.4	Fatigue test (dynamic)	My May	PAIN
12.4.1	General	- cd Pr	Р
12.4.2	Requirements	2000 MA	Р
	When tested according to the method described in 12.4.3 to 12.4.5, there shall be no visible cracks of fractures in any point of the folding mechanism - head tube-handlebar assembly. There shall be no visible cracks or fractures in any part of the frame and there shall be no separation of any elements the suspension system. The assembly remains operational even if significant clearances are	ENTIN ANXING AT	WIN B W
PEAKIE	found. These clearances are acceptable if they do not involve the safety of the user. In particular, the locking of the folding system, if any, shall be checked when the scooter is unfolded.		in out
12.4.3	Test method for a 2-wheeled single track vehicle	Mr. Mr.	Р
714s	Use a new product for the test. A complete vehicle shall withstand the fatigue test	WIN AM	MYP
			-



420	Use a new product for the test.	PLAN.	P
	A complete vehicle shall withstand the fatigue test.	et Alle	UPJ.
12.4.5	Test method for a self-balancing vehicle	by by	Р
12.4.5.1	General	Ser TALE	Р
A PARTY AND	This test consists of 3 steps: (1) setting-up for the test, (2) test motion and (3) inspection. This test utilizes three apparatus: (1) test road, (2) a test load and (3) a supporting device (if necessary for maintaining the position of the vehicle during testing). The apparatus (1) test road simulates environment of the intended use of the vehicle, and typically employs a test drum or a treadmill.	ANXIN ANXIN ANXIN	AMA AMAN
WXIN .	Determine the specifications of the (2) test load according to the maximum permissible load or according to the weight of intended users.	STAIN MIXIN	ANXIN
12.4.5.2	Apparatus	12/4 M	Р
MAXI	The apparatus required shall include the following: a) Swept Sinusoidal Vibration test. b) Test weight. c) Supporting device.	THE WASHING WASHINGTON	PAIN!
12.5	Procedure	billy.	P
ANXIN	a) The self-balancing vehicle is positioned on the vibration machine supporting if necessary in accordance with 12.4.5.2 and either, as appropriate, with the test load or test dummy applying the load(s) in accordance to 12.4.5.2.	MANN MAXIN	PHAIR
	b) Visible damage such as fractures, deformation, jiggling, looseness or disengagement of parts, and changes in self-balancing vehicle function shall be recorded.	AND ANXING AS	exim by
13	Edges and protrusions	Day William	P
13.1	General	Mrs. Mrs.	Р
PLAXIL	These requirements are intended to address the hazards associated with the users of vehicles falling on projections or rigid components (e.g. handlebars levers) on vehicle possibly causing internal injury or skin puncture.	at the	IN PAINT
13.2	Sharp edges	Physical Company	P
Lon	Adequate shape shall be given to avoid puncturing of the body.	Mixin Mixin	P ,/h

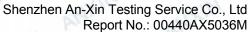




	The Man	all the	
13.3	Protrusions	by blue	PAN
	Tubes and rigid components in the form of projections which constitute a puncture hazard to the user shall be protected. Screw threads which constitute a puncture/cut hazard shall be limited to a protrusion length of one major diameter of the screw beyond the internally threaded mating part.	KIN MAKIN AN	AWXIN
14	Moving parts	WASH.	P
14.1	Clearance between moving parts	in his	Р
WANTA	To prevent crushing of fingers the distance separating accessible moving parts from other moving parts or from fixed parts of the vehicle shall, either be less than 5 mm, or greater than 18 mm in any position. This requirement does not apply to the wheel with its support systems, or to the rear brake/braking system, if any, or to brake actuating levers.	DALL WALLE WASH	P P P
14.2	Guarding of moving parts	MXIL. IXIN	Р
MAXI	Wheels shall be covered to avoid unintentional contact between a foot of the user and the moving wheel.	WAIN MA	IN PAIN
14.3	Folding mechanism	in last	Р
14.3.1	General requirement	ONE STATE	P
14.3.1.1	General	in the	Р
PHXILI	Vehicles that can be folded for storage or transportation shall be fitted with one or more locking mechanism(s). The locking mechanism(s) shall comply with the requirements in 14.3.1.3.	MAN MANN	PA
14.3.1.2	Incomplete deployment	Lan	Р
WALLY B	To avoid hazards due to incomplete deployment, at least one locking device shall engage automatically when the vehicle is unfolded for use. If the locking device is not visible without damaging the vehicle, a second sample may be used.	THE PRINT PL	ANXIN
14.3.1.3	Unintentional release of locking mechanism(s)	MAN WALL	P
ANY AN	ANXIN ANXIN ANXIN ANXIN ANXIN	IN MANNY WAY	TAXILA TUN DEN
ANXIN	WALL THE WAY	ANXIII MANXIN	ANXIT

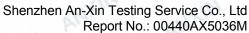


PRINT	To avoid unintentional release, one conditions shall be fulfilled:	of the following	W. VIE	blu.	PAN
	a) there shall be at least one oper which fulfils the following:	ating device		M PLA	
	the operating device shall return two consecutive actions, the sed dependent on the first having be and maintained by the user; are	cond being een carried out		MXIM	
	the operating device shall n or damaged in one single action in accordance with 14.3.1.3;			W. WAXIE	
Pla.	or	- ch)	411-	, ,	ied Pe
	b) there shall be two separate and operating devices which fulfil or following:	· ·		THE MY	A. P
	where one operating device be operated by foot (e.g. by its shape,according to the manufa instructions for use.) it shall aut to its original status and the loc reengage; or	position, cturer's omatically return		PINAM	
	2) where both operating device to be operated by hand(s) (e.g. position,shape, according to the instructions for use.) they shall automatically return to their orig the locking devices shall reengage	by their e manufacturer's both ginal status and		WXIN DIS	
	When tested in accordance to 14.3 shall not fold and the locking device released.			PHYLL	
14.3.2	Test methods	11/1/2	4112		P
14.3.2.1	Preconditioning	in bu	ble.	25	Р
- 1	Operate the locking devices 200 times	nes.	XIII	SIN	P
14.3.2.2	Unintentional release of the locking one single action	mechanism by	VIM PL		Р
MAIL	Place the vehicle fully deployed and on a horizontal flat surface.	d ready for use	PLA1.	VINE	PAT
	Apply a force of 150N or a torque of locking device. This force or torque to the locking device in the direction open the locking device in one sing force or torque shall be applied for a	shall be applied n most likely to le action. The		es bray	
	Folding mechanism shall not be rele	eased.	TXIE	4115	. ti
1117				CVIT	17.75





- 14	1 10	Mrs. of	75	
15	Adequate stability(see D.10)	Los	by.	PAN
15.1	Footrest/deck	22000	MAIL	IF P
AWXIN AWXIN	In case the user is standing permar shall be equipped with an anti-slide area of at least 150 cm2. In case the normally (not standing) while driving shall be anti-slide and shall have a of 6,5 cm. In case the user is standing and the vehicle has an integrated shall be anti-slide and shall have a of 6,5 cm and a minimum width of 1 Figure 15)	e surface with an e user is seating g, the footrest minimum length ng momentarily eat, the footrest minimum length	IN ANXIN ANXIN	AMXIN AMX
15.2	Handlebar adjustment	MARIN	- IXIP	-MP
	The handlebar height adjustment stricted with devices to avoid inadvert detachment during use.			P P
15.3	Surface	(XIII)	124 1	P
15.3.1	Slippery surface	Piles. Dil	the state	P
15.3.1.1	Requirements for wheel adhesion	14/12	MM P	PAIR
	The wheels shall be constructed from material. This requirement is considulfilled if a coefficient of adhesion, 0,30 is achieved in the test according	dered to be μ 0, of at least		MANA P
15.3.1.2	Wheel adhesion test	Willy 7	Lo. M	Р
PHXIM	Wheel adhesion shall be tested by wheel along a steel plate having a findegreased surface of arithmetical in Ra of 1,5 im to 2,0 im (see Figure 1	fine brushed and nean roughness	TAXIN VINXII	PAN
	A vertical force F1 of 10o N shall be wheel which is moved along the step perpendicular to the vehicle's longit perpendicular to the surface brush horizontal force F2, applied at the hwheel's axis.	eel plate tudinal axis and direction by a		ANXIN A
	The maximum force shall be record	led.		
	The test shall be repeated 10 times value of F2 shall be calculated.	2XIM		ed PIN
240	The test shall be carried out at a sp approximately 1 mm/s.	peed of	May Well	100
15.3.2	Irregular surface	1300		P





ANXIN

EN 17128 Clause Requirement+ Test Verdict Result - Remark

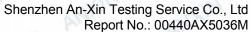
	The Black	Mrs. Wille
PZZZ	When loaded with a 90 kg mass, the dimensions of the tyres of the vehicle shall be:	P P
	a) For vehicle with aligned wheels or with one front wheel:	THE PLAN WAS PERSON
	the front tyre shall have a minimum diameter of 125 mm and a minimum width of 25 mm	WALL BUXING WAXIN
	the rear tyre shall have a minimum width of 25 mm	by Why
	b) For self-balancing vehicle:	Water atting
	the tyre shall have a minimum diameter of 125 mm and a minimum width of 25 mm	the will be with
	c) For all others vehicles:	De. Baye
	the tyre shall have a minimum diameter of 125 mm or a minimum width of 25 mm	HALL MALLE
15.4	Braking devices	P
15.4.1	General	by My b
Maria	IN THE WASHING	WALL WALL



Parke	All vehicles shall be equipped with system and, when indicated, a par parking device as follows:	The second secon	anxin'	PAN PAN
XIN AT	a) Class 1 and 2 single track veh with aligned wheels) shall be a least parking device and one of the state of the st	equipped with at		4 DI WAXIN
MXIN	b) Class 1 and 2 multi-track vehice with unaligned wheels) shall be parking device and one of the	e equipped with a		MXIN MXIN
IN ANY	1) If there are two rear wheels shall be equipped with a brak rear wheels or an independer combined rear wheels brake, device shall be operated by the single control or all wheel into system,	ing device on all nt front and a The braking he actuation of a		ANXIN AT
wind.	 If there is one rear wheel, to be equipped with all wheel in system or with independent for rear wheel brakes; 	tegrated braking		ANXIN ANXII
Pa-	c) Class 3 and 4 multi-track vehicle equipped with an acceleration braking system.	M. 10746-7		ANXIN .
KIM .	d) Class 3 and 4 single track self vehicles shall be equipped wit			W VIN
PHYIN	When a parking brake or parking or required, instructions to avoid the away when unattended shall be prowner's manual.	vehicle running		ANXIN ANXIN
15.4.2	Braking performance	P) bo	Dr.	P
15.4.2.1	General requirements	11×10	LILY.	P
15.4.2.2	Hand operated braking system - S	trength test	VI.	P
MANY B	There shall be no failure of the bra any component thereof when tests with 15.4.3.2		THE PIET	IN PIN
15.4.2.3	Dry stop	War	Make	ankin P at
PLAN	When the brakes are tested in acc test procedure set out in 15.4.3.4, condition shall be met:		MXIM	PLAN BY
CITY PIE	the Mean Fully Developed Dec (MFDD) shall be: ≥ 1,7 (m/s2			WIXIN P
-cells	The vehicle speed at the start of b 90 % of the maximum speed of the achievable solely by power assista	e vehicle	MXIN MIXIN	XILA MA.
V 100	- EAC 1/Ea	100		00

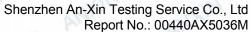


15.4.2.4	Vehicle behaviour during braking	Do. When	PWA
AT AT	During the tests (see 15.4.3), the following shall not occur in a way which causes the user to have to use his feet, other than for the application of the brake, to control the vehicle:	KIN VINXIN VIN	IIM P
	a) excessive juddering;	by.	STATE OF
	b) front wheel locking;	MY MY	717
	c) vehicle instability (for example, uncontrollable lifting of the rear wheel);	AN AM	T MAKE
	d) user's loss of control or balance;	My and	
	e) excessive side-skidding.	Mrs. Es	ied po
15.4.2.5	Electric failure braking compensation	Wille.	Zy., b
WXIM P	In the event of an electric braking failure, the vehicle shall be able to brake normally or, shall come to a standstill with a minimum deceleration of 1,25 (+/0,25) m/s2 as describe in 15.4.3.5.	MYNA MY	ANXIN
15.4.2.6	Parking device	by. Why.	P
	When required in accordance with 15.4.1, the parking device shall make it possible to maintain the vehicle stationary on up or down gradient of 18 % even in the absence of the user. The user shall be able to achieve this parking action from the riding position.	IN ANXIN ANX	IM PAR
	The parking device system shall have a control which is separate from the service braking device controls. The vehicle shall be held in the locked in the parking position by a purely mechanical device.	WXW WXW	PAKIR
15.4.3	Test methods	Mr. Mar	P M
15.4.3.1	Braking test force applications	o XIIA	Z/NP
15.4.3.2	Hand operated brake strength test	by by	Р
	The test shall be performed on a fully-assembled vehicle. The brake operating systems shall withstand the applied force.	Days Bright	ANXIN
15.4.3.3	Brake performance test conditions(classes 2 and 4)	My William	P
15.4.3.4	Stop performance calculation(classes 2 and 4)	110	Р
15.4.3.5	Electric braking failure compensation test	MAN WAY	Р
15.4.3.5.1	Requirement	[H] 101 100	Р
Thy.	The requirement of 15.4.2.5 shall be achieved.In case of electric braking failure, the vehicle shall stop with a smooth deceleration regarding Z.2.	TAIN PLAN	P
1160		164	176.71



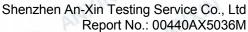


671.	the the the		P.D.
15.4.3.5.2	Test method for an electrical braking system	of by blue	PAN
A.T.	This test is not conducted when the vehicle is equipped with a completely mechanical braking system.	THE WASHINGTON PLAN	IL P
16	Presence awareness	The While	Р
16.1	Lighting	Le Mr.	Р
16.1.1	Retro-reflectors	My May	P
W MAX	Vehicles shall be fitted with front, side and rear retro-reflector according to ISO 6742-2:2015. The rear reflector shall be red in colour. The front reflector shall be white (clear) in colour. All side reflectors shall be of the same colour, either white (clear) or yellow.	Ally bree to breeze	A P
16.1.2	Front and rear lightning	Willy MA	P
ANXIN ANXIN	Vehicles of class 2 and 4 shall be fitted with active front and rear lights according to ISO 6742-1:2019 (see D.12). The manufacturer shall indicate in the user's manual how an active front and rear light can be fitted to the vehicles of class 1 and 3. The controls for lighting shall be marked in accordance with Annex E	5	APPAN ANY
16.2	Audible warning to alert persons	Mr. Day	MYP
PHXILI	An audible device shall be provided to allow a warning to be given to persons in the vicinity ofthe vehicle.	e MXIM AMXIM	PANXI
17	System failure and malfunction warning devices	William - Will	Р
17.1	General	in his	P N
NAMA P	The warning symbols audible signal are given in Annex F. Audible warning devices provided with the vehicle shall be unambiguous and easily perceived. The operator shall be able to check the operation of the audible warning devices at all times.	Day.	VHXIM XIND
17.2	Audible/vibrating signalling	V VIA	P
bu.	Audible devices required by this standard shall comply with ISO 14878:2015 Class I1.	MAXIM MAX	M P
17.3	Loss of connection to the warning system	in My	Р
100	DATE OF THE PARTY	191	11/19





VILLE.	relayed by a wa	tion to the warning arning signal (visua g) on the vehicle		ANXIN A	bra.	PAN
	warning device km/h for a Clas shall happen in additional haza	dition the loss of or shall result in a sp s 4 vehicle; the sp a safe manner wi rds and with corre tilt back of decks	peed reduction to 6 eed reduction thout creating sponding audio	ANZIN AN	ANXIN P	
	vehicles.	Die	VIAN.	The state of the s	Meser	
18	Hot surfaces	The Car	in la	N P	bra.	P
18.1	Requirements	VIS	427	-174	P	ATT.P
WALL D	57 °C), except b	the vehicle (temporake systems, whatact with the user vertent contact.	ich are not in	DXIM AN	PANY PA	PIZZILA L B
18.2	Test method	by.	VINY.	MALLO	1×14	Р
MY	only if there are	measurement (to heat producing e the grips, the foo	lements in the	W. WANG	bre.	PAIN!
	battery. Operate until 20 % of ba	on the bench with e the vehicle unde ttery charge rema sure temperature deck(s).	r maximum load ins (maximum	OW AND	SIM BY	
19	Product informa	ation and marking	La	Po	1/9.	P
19.1	General	PLAN	MAN	-UNIO	110	Р
NAME OF THE PARTY	The following p accompany eac	roduct information	should	1 July 1	7 Par	P pl
	least one of the sale. If other lar	printed in the office official languages are includish, e.g. by separ	ded, they shall be	CKIEN PLEN	SKIN PLE	
19.2	Marking	MAN	" Myles	MA	Bu	Р
19.2.1	General	100	h.	by.	VIJY.	Put
bir.	The vehicle sha marked with at.		y and permanently	MANY	-2745	Р
19.2.2	Durability of ma	rking of the frame	or chassis	124	in his	Р
	19.3	-	1	3-1	1,170	





1.96	Marie	and the state of t	
ANN AN	Rub the marking by hand for 15 s with a piece of cloth soaked in water and again for 15 s with a piece of cloth soaked in petroleum spirit. After the test the marking shall remain easily legible. It shall not be easy to remove any label nor shall any label show any sign of curling. After rubbing the text shall still be clearly legible.	KIN YUKUN YU.	ANXIN ANXIN
19.2.3	Battery	Marie Taly	P
MAKE	Information concerning the battery shall comply with existing corresponding standards.	h. WHY ALL	P
19.2.4	Tyres	West Willy	P
W Mr	The maximum pressure for inflatable tyres (if present) shall be marked on the tyre or in the instructions for use.	A ANXIN A	P
19.3	Purchase information	25/14	PIN
19.3.1	General	by.	MP
ANXIN	Information at point of sale could be given on the packaging, on an information sheet in the store or on internet.	BUXIN BUXIN	PANY
19.3.2	Information at point of sale	See label	Р
19.3.3	Information on the packaging	See packaging	Р
19.4	Instructions for use	OTHER.	W.P
19.4.1	General	in the	Р
PLIXILA	Instructions concerning safe use of the vehicle shall be provided with the vehicle in the form of nstruction sheet, instruction manual, leaflet or other similar physical support.	ATTEN ATTEN	PIXIT
19.4.2	Noise emission	471.	P P
19.4.2.1	General	Mar. of	Р
exis p	In case of doubt, a-weighted sound pressure levels shall be measured to a maximum 70 dB according to EN 1S0 3744:2010, if necessary (see 19.4.2.2)	DAW BUXIN	ANXIM
19.4.2.2	Requirements	MAIN WIND	Р
19.4.3	Battery charging	by Man	PILL





ANXIN

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EN 17128 Clause Requirement+ Test Verdict Result - Remark

MAN	Information for use shall contain instructions for battery charging, in particular:	bran Water
	recommendations on charging the battery and use of the charger;	THE PROPERTY PROPERTY
XIE	procedure for charging the battery;environmental conditions (e.g. outdoor or indoor charging);	ANXIN AN
MAXIN	requirement to power-off the vehicle during charging, or into a certain non-operational mode;	ANXIN ANXIN
19.5	appropriate warnings. Instructions on servicing and maintenance	WHY BUILD



Photo Documents

Photo 1

View:

[√] Front

Rear []

Right side

[] Left side

[] Top

[] **Bottom**

Internal



Photo 2

View:

[√] Front

[] Rear

Right side

[] Left side

Top $I_{\tau_{\tau}}$]

Bottom []

[7] Internal

IN MAKIN



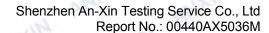




Photo 3

View:

Front [√]

(6) Rear

Right side []

Left side

[] Top

[] **Bottom**

Internal []



Photo 4

View:

Front [√]

Rear 10

Right side []

Left side

[] Top

11/2 **Bottom**

Internal [] PLAXIL

IN ANXIN ANXIN





Photo 5

View:

[√] Front

Rear []

Right side

[] Left side

Top

Bottom []

[] Internal



Photo 6

View:

Front [√]

Rear []

Right side

[] Left side

Top

Bottom []





Photo 7

View:

[\[1 \] Front

Rear []

Right side

[] Left side

Top

Bottom []

[] Internal



Photo 8

View:

[√] Front

Rear

Right side []

Left side

Top

[] Bottom





Photo 9

View:

[\[1 \] Front

Rear []

Right side

[] Left side

Top

[] **Bottom**

[] Internal



Photo 10

View:

Front [√]

Rear []

Right side

[] Left side

Top

[] **Bottom**





Photo 11

View:

[√] Front

Rear []

Right side

[] Left side

Top

[] **Bottom**

[] Internal



Photo 12

View:

Front [√]

Rear []

Right side

Left side []

Top

[] **Bottom**







Photo 13

View:

Front []

 $[\ \sqrt{\ }]$ Rear

Right side []

Left side

Top]

Bottom

Internal []



Photo 14

View:

Front [√]

Rear

Right side

Left side

Top

12/2 **Bottom**





ANXIN

MXIM

ANXIM Shenzhen An-Xin Testing Service Co., Ltd Report No.: 00440AX5036M

View: [] Front [√] Rear [] Right side [] Left side [] Top [] Bottom [] Internal END	to 15	# 55 E	-12(1)	Report No.: 00440A
[] Front [√] Rear [] Right side [] Left side [] Top [] Bottom [] Internal END	N. MAYAN	76 27		
[Mr. Mr.			
[] Right side [] Left side [] Top [] Bottom [] Internal END	in his	33		
[] Right side [] Top [] Bottom [] Internal END	Rear	T-		
[] Left side [] Top [] Bottom [] Internal END	Right side	36 33		
[] Bottom [] Internal END	Left side			
[] Bottom [] Internal END	Тор	# #		
Internal END	in his		THE PARTY	
END	bro. bros.	- 5		
ANXIN	Internal	= 1 2 3 4 5 6	7 8 9 11 12 13 14 15	16 17 18 19 20 21 22 23 24 25 26
	7 by			III III III III III III III III III II
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