





Lithium Battery UN38.3 Test Report

Report No. : AGC11314200907UA01

PRODUCT DESIGNATION : Lithium iron phosphate cell

BRAND NAME : N/A

MODEL NAME : IFP27175200A

APPLICANT : Shenzhen Kweight technology co., LTD

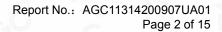
DATE OF ISSUE : 2020-11-10

STANDARD(S) : (ST/SG/AC.10/11/Rev.6/Amend.1)

REPORT VERSION : V1.0

Attestation of Global Compliance (Shenzhen) Co., Ltd.

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the bedicated Pesting/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.





1. Sample Description Lithium iron phosphate cell IFP27175200A Sample Name Model Name Attestation of Global Compliance (Shenzhen) Co., Ltd. Testing laboratory 1, 2/F, Building 19, Junfeng Industrial Park, Chongging Road, Heping Community, Fuhai **Testing Address** Street, Bao'an District, Shenzhen, Guangdong, China. Applicant Shenzhen Kweight technology co., LTD Room 1001, Phase 2, Tian'anyungu industrial zone, gangtou community, bantian street, Applicant Address longgang district ShenZhen Manufacturer Shenzhen Kweight technology co., LTD Manufacturer Room 1001, Phase 2, Tian'anyungu industrial zone, gangtou community, bantian street, Address longgang district ShenZhen Manufacturer Of Shenzhen Kweight technology co., LTD Cell Use Rechargeable Li Cell Single Cell **Battery Type** Composing Mode 100Ah Nominal Voltage 3.2V Rated Capacity Watt-hour 320Wh Form Almost Cuboid Limited Charge 3.9V Cut-off Voltage 1.8V Voltage Max. Continuous Charge Current 50A 50A **Charge Current** Max. Continuous 100Ah 5A **End Charge Current** Discharge Current 100Ah Cell Model IFP27175200A **Cell Rated Capacity** Client Date 2020-10-20 **Completing Date** 2020-11-10

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Bedicated Pesting/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC the test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15day after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc=cert.com.

g/Inspection The test results

the test report.



2. Standard

<United Nations Recommendations on the Transport of Dangerous Goods: Manual of Tests and Criteria> (Sixth revised edition Amendment 1)

3. Test Item And Conclusion

Item	测试样品编号 Samples Number	结论 Conclusion	
Altitude simulation	CO CC	Pass	
Thermal test	100	Pass	
Vibration	Z1~Z5 X1~X5	Pass	
Shock	D NO GO	Pass	
External Short Circuit		Pass	
Crush	Z6~Z10 X6~X10	Pass	
Overcharge		N/A (Not applicable)	
Forced discharge	Z11~Z20 X11~X20	Pass	

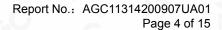
The submitted samples were complied with <United Nations Recommendations on the Transport of Dangerous Goods: Manual of Tests and Criteria>(Sixth revised edition Amend 1), sub-section 38.3.

Report Revise R	acord.

Report Version	Revise Time	Issued Date	Valid Version	Notes
V1.0	1.0	2020-11-10	Valid	Initial release

Tested by Wang Ming	Reviewed by	Xuejiajia	Approved by	mette He
---------------------	-------------	-----------	-------------	----------

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Bedicated Fest Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15day after the issuance of Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc~cert.com.





Description of the sample

Z1~Z5 Battery in full charge state during the first charge-discharge cycle;

X1-X5 Battery in full charge state during the 25th charge-discharge cycle;

Z6~Z10 The first charge and discharge cycle 50% of the battery cell with rated capacity state;

X6-X10 The 25th cycle of charging and discharging 50% of the battery cell in rated capacity state;

Z11~Z20 Cells at first cycle in fully discharged states;

X11~X20 Cells after 25 cycles ending in fully discharge states.

Test case verdicts:

Test case does not apply to the test object N/A(Not applicable)

Test item does meet the requirement P(ass)

Test item does not meet the requirement F(ail)

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the condicated restrouchnspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc~cert.com.

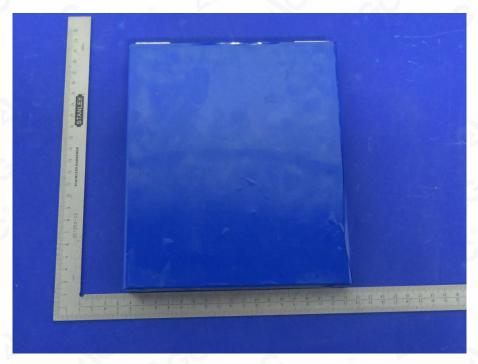


the test results the test report.



4. Sample Photos





Authenticate the photo on original report only

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Bedicated Pesting Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15day after the issuance of Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd

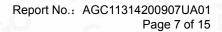
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



5 Test Method And Verdict

Clause	Requirements	Result	Verdic t	
38.3.4.1	Test 1: Altitude simulation	See Table 1		
GG	Test cells and batteries shall be stored at a pressure of 11.6kPa or less for at least six hour at ambient temperature (20±5℃)	No leakage, no venting, no disassemble,	Р	
	Cells and batteries meet this requirement if there is no leakage, no venting, no disassemble, no rupture and no fire and if the open circuit voltage of each test cell or battery after testing is not less than 90% of its voltage immediately prior to this procedure. The requirement relating to voltage is not applicable to test cells and batteries at fully discharged states.	no rupture and no fire.	GC	
38.3.4.2	Test 2: Thermal test	See Table 2	Р	
	Test cells and batteries are to be stored for at least six hours at a test temperature equal to $72\pm2^{\circ}\mathrm{C}$, followed by storage for at least six hours at a test temperature equal to $-40\pm2^{\circ}\mathrm{C}$. The maximum time interval between test temperature extremes is 30 minutes. This procedure is to be repeated until 10 total cycles are complete, after which all test cells and batteries are to be stored for 24 hours at ambient temperature ($20\pm5^{\circ}\mathrm{C}$). For large cells and batteries the duration of exposure to the test temperature extremes should be at least 12 hours.	No leakage, no venting, no disassemble, no rupture and no fire.	P W S	
	Cells and batteries meet this requirement if there is no leakage, no venting, no disassemble, no rupture and no fire and if the open circuit voltage of each test cell or battery after testing is not less than 90% of its voltage immediately prior to this procedure. The requirement relating to voltage is not applicable to test cells and batteries at fully discharged states.	GC N	, c°	
38.3.4.3	Test 3: Vibration	See Table 3	P	
,C	Cells and batteries are firmly secured to the platform of the vibration machine without distorting the cells in such a manner as to faithfully transmit the vibration. The vibration shall be a sinusoidal waveform with a logarithmic sweep between 7 Hz and 200 Hz and back to 7 Hz traversed in 15 minutes. This cycle shall be repeated 12 times for a total of 3 hours for each of three mutually perpendicular mounting positions of the cell. One of the directions of vibration must be perpendicular to the terminal face. The logarithmic frequency sweep shall differ for cells and	No leakage, no venting, no disassemble, no rupture and no fire.	P	
	batteries with a gross mass of not more than 12 kg (cells and small batteries), and for batteries with a gross mass of more than 12 kg (large batteries).	Page M	,C	
	For cells and small batteries: from 7 Hz a peak acceleration of 1g _n is maintained until 18 Hz is reached. The amplitude is then maintained at 0.8 mm (1.6 mm total excursion) and the frequency increased until a peak acceleration of 8g _n occurs (approximately 50 Hz). A peak acceleration of 8g _n is then maintained until the frequency is increased to 200 Hz.	GC NGC		
®	For large batteries: from 7 Hz to a peak acceleration of $1g_n$ is maintained until 18 Hz is reached. The amplitude is then maintained	(mplies)	a C	

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the content of the report is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.





Clause		Requirements		Result	Verdic t
100	at 0.8 mm (1.6 a peak acceleration of to 200 Hz.	SC SCC	\C		
3C	Cells and I no venting, no circuit voltage 90% of its volt requirement re batteries at ful	NGC 1	, GC		
38.3.4.4	Test 4: Shock			See Table 4	Р
O. W.	Test cells a means of a rig each test batto Each cell s acceleration of Alternatively, I peak accelera	No leakage, no venting, no disassemble, no rupture and no fire.	P		
8	Battery	Minimum peak acceleration	Pulse duration	CC .	
50	小型电池 Small batteries	Acceleration $(q_{z}) = \left(\frac{100850}{100850}\right)$	6ms	GC N	,°
	Large batteries	50g _n or result of formula Acceleration (g _n)= $\sqrt{\frac{3000}{\text{mass}^*}}$ whichever is smaller	11ms	3C Pac	
		* Mass is expressed in kilograms		-6	
	acceleration of duration shall milliseconds for calculate the answer Each cell of direction follow three mutually of 18 shocks. Cells and the control of the control of the cells and the cells are cells ar	ry shall be subjected to a half-sine shepending on the mass of the battery. be 6 milliseconds for small batteries a principle batteries. The formulas below appropriate minimum peak acceleration battery is subjected to three shocks wed by three shocks in the negative disperpendicular mounting positions of the batteries meet this requirement if there disassemble, no rupture and no fire a of each test cell or battery after testing immediately prior to this procedure.	rock of peak The pulse and 11 reare provided to ons. in the positive irection of each of the cell for a total e is no leakage, and if the open ing is not less than		

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the configuration of Bedicated restrot/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuence of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

The test results



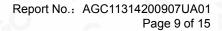
Clause	Requirements	Result	Verdic t
10	batteries at fully discharged states.	,C	
38.3.4.5	Test 5: External Short Circuit	See Table 5	Р
38.3.4.5	The cell or battery to be tested shall be shall be heated for a period of time necessary to reach a homogeneous stabilized temperature of 57±4°C, measured on the external case. This period of time depends on the size and design of the cell or battery and should be assessed and documented. If this assessment is not feasible, the exposure time shall be at least 6 hours for small cells and small batteries, and 12 hours for large cells and large batteries. Then the cell or battery at 57±4°C shall be subjected to one short circuit condition with a total external resistance of less than 0.1 ohm. This short circuit condition is continued for at least one hour after the cell or battery external case temperature has returned to 57±4°C, or in the case of the large batteries, has decreased by half of the maximum temperature increase observed during the test and remains below that value. The short circuit and cooling down phases shall be conducted at least at ambient temperature. Cells and batteries meet this requirement if their external temperature does not exceed 170°C and there is no disassemble, no rupture and no fire within six hours of this test.	No disassemble , no rupture and no fire.	
38.3.4.6	Test 6: Impact / Crush	See Table 6	Р
	Impact (applicable to cylindrical cells not less than 18mm in diameter) The test sample cell or component cell is to be placed on a flat smooth surface. A 15.8mm±0.1mm diameter, at least 6cm long, or the longest dimension of the cell, whichever is greater, Type 316 stainless steel bar is to be placed across the centre of the sample. A 9.1 kg ± 0.1kg mass is to be dropped from a height of 61 ± 2.5 cm at the intersection of the bar and sample in a controlled manner using a near friction less, vertical sliding track or channel with minimal drag on the falling mass. The vertical track or channel used to guide the falling mass shall be oriented 90 degrees from the horizontal supporting surface. The test samples is to be impacted with its longitudinal axis parallel to the flat surface and perpendicular to the longitudinal axis of the 15.8mm±0.1mm diameter curved surface lying across the centre of the test samples. Each sample is to be subjected to only a single impact. Cells and component cells meet this requirement if their external temperature does not exceed 170 ℃ and there is no disassemble and	N/A	N/A

	Crush (applicable to prismatic, pouch, coin/button cells and	No	Р
	cylindrical cells less than 18mm in diameter)	disassemble,	
	A cell or component cell is to be crushed between two flat	no rupture and	8
	surfaces. The crushing is to be gradual with a speed of approximately	no fire.	- 6

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the Bedicated Pesting/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15day after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd

Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/





	1.5cm/s at the first point of contact. The crushing is to be continued until the first of the three options below is reached. (a) The applied force reaches 13kN±0.78kN; (b) The voltage of the cell drops by at least 100mV; or (c) The cell is deformed by 50% or more of its original thickness. Once the maximum pressure has been obtained, the voltage drops by 100mV or more, or the cell is deformed by at least 50% of its original thickness, the pressure shall be released. A prismatic or pouch cell shall be crushed by applying the force to the widest side. A button/coin cell shall be crushed by applying the force on its flat surfaces. For cylindrical cells, the crush force shall be applied perpendicular to the longitudinal axis. Each test cell or component cell is to be subjected to one crush only. The test Samples shall be observed for a further 6 h. The test shall be conducted using test cells or component cells that have not previously been subjected to other tests. Cells and component cells meet this requirement if their external temperature does not exceed 170 ℃ and there is no disassemble and no fire during the test and within six hours after this test.		
38.3.4.7	Test 7: Overcharge	N/A	N/A
3C A	The charge current shall be twice the manufacturer's recommended maximum continuous charge current. The minimum voltage of the test shall be as follows: (a) When the manufacturer's recommended charge voltage is not more than 18V, the minimum voltage of the test shall be the lesser of two times the maximum charge voltage of the battery or 22V. (b) When the manufacturer's recommended charge voltage is more than 18V, the minimum voltage of the test shall be 1.2 times the maximum charge voltage. Tests are to be conducted at ambient temperature; the duration of the test shall be 24 hours. Rechargeable batteries meet this requirement if there is no disassemble and no fire during the test and within seven days after the test.		
38.3.4.8	Test 8: Forced discharge	See Table 8	Р
	Each cell shall be forced discharged at ambient temperature by connecting it in series with a 12V D.C. power supply at an initial current equal to the maximum discharge current specified by the manufacturer. The specified discharge current is to be obtained by connecting a resistive load of the appropriate size and rating in series with the test cell. Each cell shall be forced discharged for a time interval (in hours) equal to its rated capacity divided by the initial test current (in ampere).	No disassemble and no fire.	P
100	Primary or rechargeable cells meet this requirement if there is no disassemble and no fire during the test and within seven days after the test.		

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the content of the report is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.





6. Test Data

Table 1	8	Р					
	Mas	ss (g)	Mass	Volta	ige (V)	Voltago	Whether leakage,
Sample No.	Pre-test	After test	loss (%)	Pre-test	After test	Voltage loss (%)	venting, disassemble, rupture, fire (Y/N)
Z1	2063.7	2063.7	0.000	3.56	3.55	0.28	N
Z2	2044.5	2044.5	0.000	3.55	3.55	0.00	N
Z3	2058.8	2058.7	0.005	3.55	3.55	0.00	N
Z4	2060.2	2060.2	0.000	3.56	3.56	0.00	N.
Z5 ©	2056.7	2056.7	0.000	3.55	3.55	0.00	N
X1	2062.6	2062.6	0.000	3.56	3.56	0.00	N
X2	2059.4	2059.4	0.000	3.56	3.56	0.00	N
Х3	2048.6	2048.6	0.000	3.55	3.55	0.00	N
X4	2052.7	2052.7	0.000	3.56	3.56	0.00	N
X5	2057.8	2057.8	0.000	3.55	3.55	0.00	N

Table 2		Thermal test							
	Mas	ss (g)	Mass	Volta	age (V)	Voltore	Whether leakage,		
Sample No.	Pre-test	After test	loss (%)	Pre-test	After test	Voltage loss (%)	venting, disassemble, rupture, fire (Y/N)		
Z1	2063.7	2063.5	0.010	3.55	3.52	0.85	N		
Z2	2044.5	2044.5	0.000	3.55	3.51	1.13	N		
Z3	2058.7	2058.6	0.005	3.55	3.52	0.85	N		
Z4	2060.2	2060.1	0.005	3.56	3.52	1.12	N		
Z5	2056.7	2056.7	0.000	3.55	3.51	1.13	N		
X1	2062.6	2062.5	0.005	3.56	3.52	1.12	o N		
X2	2059.4	2059.3	0.005	3.56	3.53	0.84	N		
X3	2048.6	2048.5	0.005	3.55	3.52	0.85	N		
X4	2052.7	2052.7	0.000	3.56	3.52	1.12	N		
X5	2057.8	2057.7	0.005	3.55	3.52	0.85	N		

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the content of the report is not permitted without the written according to the test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

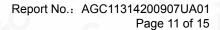




Table 3	8	Р					
	Mas	ss (g)	Mass	Volta	Voltage (V)		Whether leakage,
Sample No.	Pre-test	After test	Mass loss (%)	Pre-test	After test	Voltage loss (%)	venting, disassemble, rupture, fire (Y/N)
Z1	2063.5	2063.5	0.000	3.52	3.52	0.00	N
Z2	2044.5	2044.5	0.000	3.51	3.51	0.00	N
Z3	2058.6	2058.6	0.000	3.52	3.52	0.00	N
Z4	2060.1	2060.1	0.000	3.52	3.52	0.00	N.
Z5 _ ®	2056.7	2056.6	0.005	3.51	3.51	0.00	N
X1	2062.5	2062.5	0.000	3.52	3.52	0.00	N
X2	2059.3	2059.3	0.000	3.53	3.52	0.28	N
Х3	2048.5	2048.5	0.000	3.52	3.52	0.00	N
X4	2052.7	2052.6	0.005	3.52	3.51	0.28	N
X5	2057.7	2057.7	0.000	3.52	3.52	0.00	N

Table 4	Shock					Р	
Sample No.	Mass (g)		Macc	Voltage (V)		Voltago	Whether leakage,
	Pre-test	After test	Mass loss (%)	Pre-test	After test	Voltage loss (%)	venting, disassemble, rupture, fire (Y/N)
Z1	2063.5	2063.5	0.000	3.52	3.52	0.00	N
Z2	2044.5	2044.5	0.000	3.51	3.51	0.00	N
Z3	2058.6	2058.5	0.005	3.52	3.52	0.00	N
Z4	2060.1	2060.1	0.000	3.52	3.52	0.00	N
Z5	2056.6	2056.6	0.000	3.51	3.51	0.00	N
X1	2062.5	2062.5	0.000	3.52	3.52	0.00	N
X2	2059.3	2059.3	0.000	3.52	3.52	0.00	N
X3	2048.5	2048.5	0.000	3.52	3.51	0.28	N
X4	2052.6	2052.6	0.000	3.51	3.51	0.00	N
X5	2057.7	2057.7	0.000	3.52	3.52	0.00	N

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Bedicated Festing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

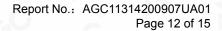




Table 5	External short circuit			
Sample No.	Peak temperature (°C)	Whether disassemble, rupture, fire (Y/N)		
Z1	107.2	N		
Z2	108.6	N		
Z3	109.7	C N		
Z4	108.2	N G		
Z5	109.7	。 N		
X1	106.4	N N		
X2	108.5	N		
Х3	110.3	O N		
X4	110.1	N O		
X5	108.5	N		

Table 6	Cri	Р	
Sample No.	Peak temperature (°C)	Whether disassemble, fire (Y/N)
Z6	23.6 N		
Z7	23.8	N	8
Z8	23.9	N	
Z9	24.1	N [®]	
Z10	23.7	N	
X6	23.9	® N	~ C
X7	23.8	N	
X8	24.1	N	
X9	23.9	® N	10°
X10	23.6	N	

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Bedicated Festing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGE. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15day after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

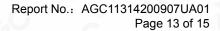
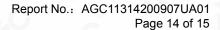




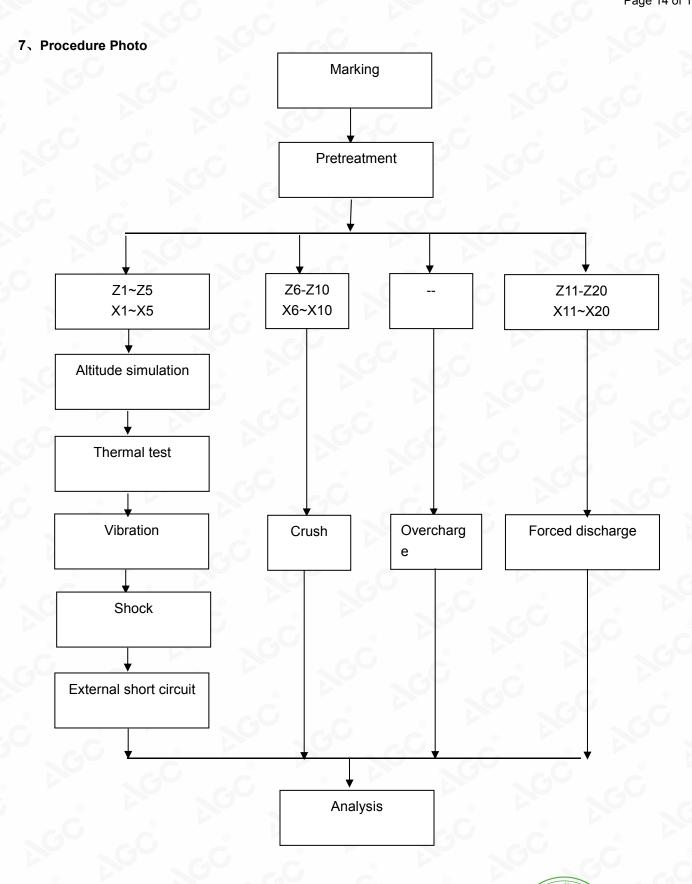
Table 7

Table 8	Forced discharge	Р	
Sample No.	Whether disassemble, fire (Y/N)		
Z11	N		
Z12	N	C	
Z13	◎ N	0 00	
Z14	N	·	
Z15	N		
Z16	N	100	
Z17	N		
Z18	N		
Z19	N N		
Z20	N		
X11	N		
X12	N N N		
X13	N N		
X14	N	0	
X15	N N	C,C	
X16	N		
X17	N		
X18	N N		
X19	N	P. VC	
X20	N	0	

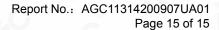
Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Bedicated Festing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGE. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15day after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.







Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the confirmal report is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuence of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.





8. Test equipment

AGC-BT-E161	Electronic Weighing Scale
AGC-BT-E154	Digital multimeter
AGC-BT-E062~E082	Battery Testing System
AGC-BT-E133	Vacuum Tester
AGC-BT-E123	Rapid Temperature Change Tester
AGC-BT-E070	Vibration test instrument
AGC-RE-E062	Mechanical shock test instrument
AGC-BT-E139	Battery Short-circuit Tester
AGC-BT-E126	Battery Crush Tester
AGC-BT-E144	Data Acquisition Instrument
AGC-BT-E054~E056	DC power supply

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Bedicated Festing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.



Conditions of Issuance of Test Reports

- 1. All samples and goods are accepted by the Attestation of Global Compliance (Shenzhen) Co., Ltd (the "Company") solely for testing and reporting in accordance with the following terms and conditions. The company provides its services on the basis that such terms and conditions constitute express agreement between the company and any person, firm or company requesting its services (the "Clients").
- 2. Any report issued by Company as a result of this application for testing services (the "Report") shall be issued in confidence to the Clients and the Report will be strictly treated as such by the Company. It may not be reproduced either in its entirety or in part and it may not be used for advertising or other unauthorized purposes without the written consent of the Company. The Clients to whom the Report is issued may, however, show or send it, or a certified copy thereof prepared by the Company to its customer, supplier or other persons directly concerned. The Company will not, without the consent of the Clients, enter into any discussion or correspondence with any third party concerning the contents of the Report, unless required by the relevant governmental authorities, laws or court orders.
- 3. The Company shall not be called or be liable to be called to give evidence or testimony on the Report in a court of law without its prior written consent, unless required by the relevant governmental authorities, laws or court orders.
- 4. The non-CMA report issued by AGC is only permitted to be used by the client as internal reference use and shall not be used for public demonstration purpose.
- 5. In the event of the improper use of the report as determined by the Company, the Company reserves the right to withdraw it, and to adopt any other additional remedies which may be appropriate.
- 6. Samples submitted for testing are accepted on the understanding that the Report issued cannot form the basis of, or be the instrument for, any legal action against the Company.
- 7. The Company will not be liable for or accept responsibility for any loss or damage however arising from the use of information contained in any of its Reports or in any communication whatsoever about its said tests or investigations.
- 8. Clients wishing to use the Report in court proceedings or arbitration shall inform the Company to that effect prior to submitting the sample for testing.
- 9. The Company is not responsible for recalling the electronic version of the original report when any revision is made to them. The Client assumes the responsibility to providing the revised version to any interested party who uses them.
- 10. Subject to the variable length of retention time for test data and report stored hereinto as otherwise specifically required by individual accreditation authorities, the Company will only keep the supporting test data and information of the test report for a period of six years. The data and information will be disposed of after the aforementioned retention period has elapsed. Under no circumstances shall we provide any data and information which has been disposed of after retention period. Under no circumstances shall we be liable for damage of any kind, including (but not limited to) compensatory damages, lost profits, lost data, or any form of special, incidental, indirect, consequential or punitive damages of any kind, whether based on breach of contract of

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the advance of the Stamp" is designed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC he test results presented in the report apply only to five tests ample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.