

Client Name:	Techmade srl	Conclusion PASSED (Conditional)
Inspection Number:	NW2114567	
Report Date:	16 November 2018	

Pre-Shipment Inspection Report

I. GENERAL INFORMATION

Service Performed:	Pre-Shipment Inspection	
Client:	Techmade srl	
Supplier:	Ningbo Ryaca Electrical Co., Ltd	
Factory:	Ningbo Ryaca Electrical Co., Ltd	
Product Name:	DC hair dryer	
P.O. No.:	RY-1754	
Item No.:	BY-526	
Destination:	Italy	
Inspection Date:	15 November 2018	
Inspection Location:	Ningbo, Zhejiang Province	
Reference Sample:	No Sample	

II. INSPECTION SUMMARY

	Passed *	Failed	Pending	N/A
A. Quantity	✓			
B. Workmanship	✓			
C. On-Site Tests	✓			
D. Product Specification	✓			
E. Packing	✓			
F. Marking & Labeling	✓			
G. Client Special Requirement	✓			

* The Passed results will be valid only after the client notes and accepts the issues in the following remarks.

Workmanship Summary					
Inspection Standard:	ANSI/ASQ Z1.4		Critical	Major	Minor
Sampling Plan:	Normal, Single	AQL:	Not Allowed	2.5	4.0
Inspection Level:	Level II	Accepted:	0	10	14
Order Quantity:	4020 pcs	Found:	0	0	8
Available Quantity:	4020 pcs (100%)	Result:	Within AQL		
Sample Size:	200 pcs				
- The defective rate of this inspection was 4% (major defective rate: 0%, minor defective rate: 4%).					

Client Special Requirements

1.	About shipping mark, don't forget to complete it in all section	Passed
2.	Test the Phone for 10mins working time	Passed

III. REMARKS

Problem Remarks:



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1.	Order number "1" was found on the master carton, while client's spec was "RY-1754" (the factory claimed that they had confirmed with client). Please refer to photos for details.
2.	For manual check (the factory claimed that they had confirmed with client): A. The actual manual was black and white, while client's spec manual was colorful. B. The actual design of the manual cover was not conformed to client's spec manual. Please refer to photos for details.


General Remarks:

3.	For CDF check, the factory item number was BY-526, detail was as below table:		
	Component	Actual finding	CDF conformed or not
	Power plug	D02 16A 250V~	Conformed
	Power cord	H05VVH2-F 2x0.75mm2	Conformed
	Power switch	XN-10 10A 250V~ μT85	Conformed
	Cool switch	XN-7 10A 250V~ T85	Conformed
	X2 capacitor	MEX 0.1μF X2 275CAC 40/100/21	Conformed
	Thermal cut-out	CCS9 120°C	Conformed
	Negative ion generator	FF-370 220-240V 50/60Hz 1W	Conformed
	Motor	KRC-385 DC: 36V	Conformed
	Heating	No marking	Incompleted marking OCR25A15 220-240V 2000~2400W
	Internal wire	AWM 1332 24AWG 200°C 300V	Conformed

4.	Slight poor printed mark was found on the one side of the carton barcode for 40% samples, but the barcode could be scanned by scanner. Please refer to photos for details.
5.	The actual power plug was VDE plug. Please refer to photos for details.
6.	No silica gel was included in the package.
7.	When the inspector left the factory, the factory had not started repacking the inspected samples.
8.	The factory was requested to repair/replace the defective products our inspector found during the inspection.

Mold/Rust risk assessment – expected results

9.	Product: The product should not have any moisture visually present, no odor due to moisture and no moisture that can be felt when rubbing your hand across the product.	Low Risk
10.	Product: The actual result of the moisture content test should not exceed the maximum content allowed (For wooden / Bamboo / Rattan / Fabric / Leather products).	N/A
11.	High water absorptive product: The product should be isolated from air completely in the packaging, desiccant should be used in the packaging and shipment container to prevent mould.	Low Risk
12.	Iron product: The iron material should be protected with coating / paint on the surface to prevent the mould.	N/A
13.	Polybag: Should have vent holes and at least one mold prevention unit in the packaging (ex: Silica gel, Micro Pak, Super Dry, etc.).	Low Risk
14.	Cartons: Should be inside of the warehouse/factory on pallets (no contact with walls/floor), dry (check the bottom of cartons) and without moisture or odor.	Low Risk
15.	Storing conditions of cartons, products, fabric, material: Should be clean, dry, with ventilation and without mold/water on walls.	Low Risk

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16.	Relative humidity in storing area: Check factory's hygrometer. The relative humidity should be < 70%. If there is not any factory's hygrometer, write N.A.	Low Risk
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Factory Information:

17.	Factory cooperation: <input type="checkbox"/> Good - Enough manpower to assist, and good cooperation. <input checked="" type="checkbox"/> Average - Enough manpower to assist. <input type="checkbox"/> Poor - Manpower, equipment or document not provided timely.
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18.	Number of workers in factory: <input type="checkbox"/> Less than 50 people <input type="checkbox"/> 50-100 people <input type="checkbox"/> 100-500 people <input type="checkbox"/> 500-1000 people <input type="checkbox"/> More than 1000 people <input checked="" type="checkbox"/> Unknown
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19.	The observed level of production/manufacturing activity at the inspection site was: <input type="checkbox"/> Extremely busy <input checked="" type="checkbox"/> Normal activity <input type="checkbox"/> Low activity <input type="checkbox"/> N/A (Reasons: Inspection was held at warehouse or port. / Inspector had no access to workshops. / Factory was unwilling to disclose information, etc)
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20.	Inspector's opinion on the factory: <input type="checkbox"/> Good - The factory was neat and tidy. The testing equipment was well maintained and calibrated. <input checked="" type="checkbox"/> Average - The factory was tidy, and the testing equipment ran normally. <input type="checkbox"/> Poor - The factory was messed, the basic testing equipment was not available / not workable.
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Sample Collection Record:

21.	No sample was collected on site.
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Photos:

 <p>ORDER NO.: 1 MODEL NO.: BY-526 Q'TY MASTER: 12 PCS Q'TY INNER: 1 PCS N.W.: 9.2 KGS G.W.: 10 KGS BARCODE: 80999901400582 COLOR: BLACK DIMENSION: 47.5X31X56CM CTNR: 1/135 DESTINATION: ITALY</p>	 <table border="1"> <thead> <tr> <th colspan="3">产品信息</th> </tr> <tr> <th>#</th> <th>订单号</th> <th>名称</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>RY-1754</td> <td>DC hair dryer</td> </tr> </tbody> </table> <table border="1"> <tr> <td>产品数量至少完成</td> <td>100 %</td> </tr> <tr> <td>产品至少已包装</td> <td>80 %</td> </tr> <tr> <td>产品数量不足时</td> <td></td> </tr> </table>	产品信息			#	订单号	名称	1	RY-1754	DC hair dryer	产品数量至少完成	100 %	产品至少已包装	80 %	产品数量不足时	
产品信息																
#	订单号	名称														
1	RY-1754	DC hair dryer														
产品数量至少完成	100 %															
产品至少已包装	80 %															
产品数量不足时																

Remark 1, Order number "1" was found on the master carton	Remark 1, Client's spec was "RY-1754"
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Remark 2, The actual manual view



Remark 2, Client's spec manual



Remark 4, Slight poor printed mark was found on the one side of the carton barcode




Remark 4, Slight poor printed mark was found on the one side of the carton barcode



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Remark 4, The barcode could be scanned by scanner

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Remark 5, The actual power plug was VDE plug

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IV. CONCLUSION

PASSED
(Conditional)



Approved by : Tony Lee, Manager of Report Reviewing

- PASSED** - Conform to Client's Requirement
- PASSED (Conditional)** - The Passed results will be valid only after the client notes and accepts the issues in the remarks
- PENDING** - Subject to Client's Evaluation
- FAILED** - Not Conform to Client's Requirement

Click one of below 2 buttons to generate Statistics on your [Dashboard](#).




(You can still choose whether to inform your supplier or not after clicking.)



Inspector & Report Reviewer:	
Inspector(s): Sam Yao	Report Reviewer: Jenson Liu



Senhome

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A. QUANTITY

Quantity										Unit: pcs	
P.O.	Item	Order Qty	Qty / Carton	Order Carton	Quantity Breakdown			Sample Size			
					Packed	Unpacked	Unfinished	Packed	Unpacked		
RY-1754	BY-526	4020	12	335	4020	0	0	200	0		
Total:		4020	-	335	4020	0	0	200	0		
Selected Cartons:											
19 Cartons were selected randomly on site.											
Carton No.:											
BY-526 (RY-1754)		145	158	7	171	263	111	33	138	67	272
BY-526 (RY-1754)		215	106	97	13	321	240	82	291	186	/
Spare Parts & Quantity Check:											
Were there any spare parts on site for checking?									No		
Did the spare parts quantity conform to the client's list/specification?									N/A		
Is the order quantity consistent with the quantity in packing list?									N/A		
Result: Passed											
Remark:											

B. WORKMANSHIP

Inspection Standard:	ANSI/ASQ Z1.4	AQL		Accepted	Total Found	Result	
Sampling Plan:	Normal, Single	Critical:	Not Allowed	0	0	Passed	
Inspection Level:	Level II	Major:	2.5	10	0	Passed	
Sample Size:	200 pcs	Minor:	4.0	14	8	Passed	
Workmanship Defectives / Function Inspection Findings							
Description					Critical	Major	Minor
For Item: BY-526 (RY-1754) Sample Size: 200 pcs							
1.	Poor silk-screen on the switch						1
2.	Residual sticker on the switch						1
3.	Scratch mark on the unit surface						3
4.	Scratch mark on the diffusor						3
Total Found:					0	0	8
Accepted:					0	10	14
Sample Size:					200	200	200
Result: Passed							
Remark:							
Note:							
Defect introductions: A Defective is defined as a unit of product that contains one or more defects. A Defect is defined as any non-conformance of the inspected unit of product with specified requirements. A single defect is taken into account per each defective unit; only one most serious defect is taken into account per each defective unit.							
Defect photos							
1	Defect photos of Item: BY-526 (RY-1754)						



Poor silk-screen on the switch



Residual sticker on the switch



Scratch mark on the unit surface




Scratch mark on the unit surface



Scratch mark on the unit surface




Scratch mark on the diffuser

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C. ON-SITE TESTS

	Description	Method	Sample Size	Result / Reading
1.	Function check	<ul style="list-style-type: none"> -Each control panel and control button for 5 times - Normal power consumption and similar power consumption to each setting - Normal speed level, normal vibration - Heating, running. - Test the basic functions listed on the item's box. (eg-anion function) No critical malfunction	200 pcs	Passed
2.	Fatigue test	20 times for each button, plug and switch. No damage or block	8 pcs /ITEM	Passed
3.	Rub check	Use cotton dipped with water, rub the marking on rating label and silk-screen printing or electro-plating by hand for 15 seconds. Marking is clear after the rub, no peel off or lite upward on rating label.	2 pcs /ITEM	Passed
4.	Tape check	Use the 3M (600) gummed tape to paste total cover the printing or electro-plating, peel the tape at 90°±30° rapidly; Marking is clear after the test, no peel off on plating.	2 pcs /ITEM	Passed
5.	Running test	Max setting, for 4 hours running. No malfunction and safety issue	3 pcs /ITEM	Passed
6.	Carton drop test	One corner, three edges, six sides, at height of 30inch (~9.5kg) 24inch (9.5kg ~ 18.6kg) 18inch (18.6kg ~ 27.7kg) 12inch (27.7kg ~ 45.3kg) 8inch (45.3kg ~ 68kg) on the cement floor. No unit drop out, no any damage on unit.	1 carton	Passed
7.	Hi-pot test	1S, setting. 3500V for class II; 1500V for class I No breakdown	200 pcs	Passed
8.	Earth continuity check	25A for 1 second, ≤ 0.1ohm ≤ 0.1ohm	0	N/A
9.	Input power check	Heating appliance: within +5% and -10% of ~200W, within ±10% of 25W ~ 200W, within +20% of ≤25W; Marked down the consumption of each setting Spec 220-240V 2000~2400W Within tolerance	200 pcs	Passed 220V: 1919~1975W 240V: 2240~2335W

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10.	Pull test and strain relief for power cord	Europe: 25times, for 2s,displacements2mm with pull force: 30N (≤ 1 kg),60N(1-4kg)or 100N (~4kg) USA: 35pounds, for 1min, displacements ≤ 2 mm. Within tolerance	3 pcs /ITEM	Passed
11.	Internal check	-Open unit, visual, check the workmanship -All Internal wiring should be routed to provide sufficient creepage and clearance distances and to so as to avoid damage to the insulation. -All screws should be found, they should be fully tightened and with no damage to the screw heads. -Check that anti-tamper screws are used when required. -Request at least one picture to show the whole construction of product and clear photos of each component -No rust, damage for internal workmanship No damage on component	3 pcs /ITEM	Passed
12.	Abnormal use test	Record the thermal cut-off time. a. Switch on the sample for normal operation under max power setting and rated voltage. Test the sample in different position. b. Cover the block the air inlet and outlet completely. c. Power should cut off shortly. d. Unit must not emit any flame during the entire test. No melted plastic parts or defective appearance should be shown after the test. e. Allow the sample after test to cool down until room temperature. The sample should resume normal operation without any obvious defects (Check the speed and temperature at different levels). No failure	8 pcs /ITEM	Passed Off time 5~6S
13.	Standby/Off power test for ERP	The standby power should less than 1W or the off power should less than 0.5W Within tolerance	200 pcs	Passed 0W
14.	Spark check	Should no spark during switch on/off, running, spring operation or any other operation No failure	200 pcs	Passed
15.	Flexing test	Load 10N, 60 times/min, 90°, 10000 times, in rated Voltage. Check the safety and the damage of power cord after test -If no equipment, bend the cord by hand for 300times No failure	2 pcs /ITEM	Passed
16.	Manual shock check	Shake the unit on the spongia, check if there is other material inside the unit No failure	200 pcs	Passed
17.	Rotation speed check	Use tachometers, aligning the maximum speed of the motor and reading. Actual recording or compare the requirements.	3 pcs /ITEM	Actual Finding 18800~19400RPM
18.	Low voltage start up check	85 % rated voltage, should start up normally No failure	3 pcs /ITEM	Passed
19.	Noise level check	Apply rated voltage at highest setting. 1m away, use the noise meter to measure. Mark the background noise level. (sound pressure level) Actual recording or compare the requirements.	3 pcs /ITEM	Actual Finding 78~82dB Room: 54dB
20.	Accessories check	Based on parts list on instruction sheet. No missing	200 pcs	Passed
21.	Assembly check	-Assemble the unit according to the description. (e.g. user manual or instruction sheet or any packing). -assembly the nozzle and pull out, the live part could not be pulled out and touch No failure	200 pcs	Passed

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22.	Outlet temperature check	Distance air outlet 10cm, actual finding Actual recording or compare the requirements.	2 pcs /ITEM	Actual Finding 93~96°C Room: 20°C
23.	Abnormal test	-Lock the motor for motor-operation products -Short the thermostat to test the fuse for heating products -- Switch on the product until it reaches overload condition Fuse shall work and no safety issue.	1 pcs /ITEM	Passed Off time: 6-8s
24.	Special function check for hair dryer	Use a mirror to check if heating wires must not glow red-hot during operating; No failure	200 pcs	Passed
25.	Ionic function check(If applicable)	Check the Ionic function by Ionic meter or related equipment Actual finding	200 pcs	Passed
26.	Smell check	When the appliance is OFF, there is no unpleasant smell. When the appliance is switched ON at Max. Power, there is no burning smell. When open the unit, there is no odor inside the unit. No failure	200 pcs	Passed
27.	Air flow speed check	Actual record Actual finding		Actual finding 13.9~14.5m/s

Result: **Passed**

Remark:

D. PRODUCT SPECIFICATION

	Client's Spec.	Ref. Sample	1# Sample	2# Sample	3# Sample
Item No.:	BY-526 (RY-1754)				
L×W×H (cm)	/	/	22.8x9.3x26.5	22.8x9.3x26.4	22.8x9.3x26.5
Net Weight (kg)	/	/	0.605	0.605	0.605
Gift box size (cm)	23x9.8x27	/	23.3x9.8x27	23.3x9.8x27	23.4x9.8x27
Gift box weight (kg)	/	/	0.765	0.770	0.765
Power cord length (cm)	/	/	161	161.5	161.1

Result: **Passed**

Remark:

E. PACKING


Package Details

Item No.	Qty / Carton		Carton Size (L x W x H, cm)		Gross Weight (kgs)		Qty / Inner box	
	Marking / Spec.	Actual	Marking / Spec.	Actual	Marking / Spec.	Actual	Marking / Spec.	Actual
BY-526 (RY-1754)	12	12	47.5x31x56	47.5x32x57	10	9.795	/	/

Export Carton Details

Fastening Metal Staples	No	Nylon Band	No
Material	Cardboard	Corrugated Paper Plies	5-ply

Packing Method

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Each unit with manual and accessories packed into one gift box, 12pcs gift boxes packed into one master carton	
Assortment Method	
No assortment	
Result:	Passed
Remark:	

F. MARKING & LABELING

Barcode/Labeling/Printing		
Name	Location	Result
Barcode	Carton, Gift Box	Passed
Rating label	Unit	Passed
Instruction manual and documentation check		Provided By
- The functionality description in English on the instruction manual is adopted on the actual unit.		Client, Factory
- The components of inspected samples were compared with the provided CDF.		Factory
Shipping Marks		
Shipping Marks (on 2 sides)		Passed (Conditional)
Side Marks (on 2 sides)		Passed (Conditional)
Inner Box Marks (on / side)		N/A
Result: Passed (Conditional)		
Remark:	- Order number "1" was found on the master carton, while client's spec was "RY-1754" (the factory claimed that they had confirmed with client). - For manual check (the factory claimed that they had confirmed with client): A. The actual manual was black and white, while client's spec manual was colorful. B. The actual design of the manual cover was not conformed to client's spec manual.	

G. CLIENT SPECIAL REQUIREMENT

	Client Requirements	Result
1.	About shipping mark, don't forget to complete it in all section	Passed
2.	Test the Phone for 10mins working time	Passed
Result: Passed		
Remark:		

H. PHOTOS

1	Photos of BY-526 (RY-1754)
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Master carton



QC stamp



Shipping mark




Barcode



Details



Side mark

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Another shipping mark



Barcode



Details



Another side mark



Carton opened



5-ply



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Gift box view



Details



Details




Details



Barcode



Gift box view

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Details



Gift box view



Gift box opened



3-ply



General view



Manual



Manual



Manual



Manual



Manual



Manual



Manual



Manual



Manual



Manual



Manual



Manual



Manual



Manual



Manual



Manual



Manual



Manual



Manual



Manual



Manual



Manual



Poly bags



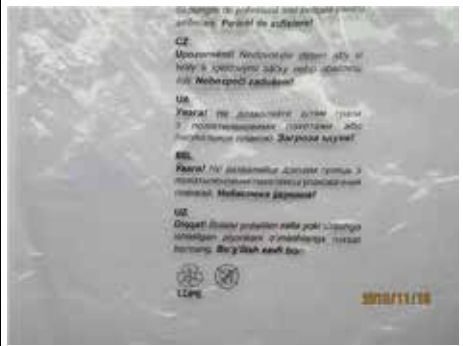
Warning mark on the poly bag



Warning mark on the poly bag



Warning mark on the poly bag



Warning mark on the poly bag



Poly bag marking



General view



Diffuser view



Diffusor view



Diffusor view



Concentrator view



Concentrator view



Concentrator view



Unit view



Logo



Unit view



Details



Unit view



Logo



Unit view



Unit view



Unit view



Rating mark



Power plug



Power plug mark



Power cord mark



Power cord mark



Assembly view



Assembly view



Internal check



Internal check



Internal check



X2 capacitor



Power switch



Cool switch



Negative ion generator



Negative ion generator



Heating



Heating



Thermal cut-out



Thermal cut-out



Motor



Internal wire

2 On-site Test



Hi-pot check



Hi-pot check



Hi-pot check



Hi-pot check



Power check



Max power check at 220V



Max power check at 240V



Off power check



Power check at switch "fan I" and "Cool"



Power check at switch "fan I" and "Heat I"



Power check at switch "fan I" and "Heat II"



Power check at switch "fan I" and "Heat III"



Power check at switch "fan II" and "Cool"



Power check at switch "fan II" and "Heat I"



Power check at switch "fan II" and "Heat II"



Power check at switch "fan II" and "Heat III"



Low voltage start check



Low voltage start check



Outlet temperature check

Channel	MAX Temperature	Channel
60	95.9	CH48
59	95.7	CH52
58	95.5	CH47
57	95.3	CH51
56	95.1	CH45
Average	95.5	

Scan Number: 351 Time: 2018-11-16 10:30:20

Outlet temperature check



Noise check



Noise check



Air flow speed check



Air flow speed check



Ionic function check



Ionic function check



Rotation speed check



Running test



Abnormal use test



Abnormal test



Special function check



Color check



Carton drop test



Carton drop test



Flexing test



Flexing test



Pull test



Pull test



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3M tape check



Rub check



Barcode check



Barcode check



Power cord length



Power cord length



Weight check



Weight check



Weight check



Weight check



Weight check



Weight check



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Goods in the warehouse



Cartons selected for inspection



Cartons opened for inspection



Inspection scene



CDF



CDF



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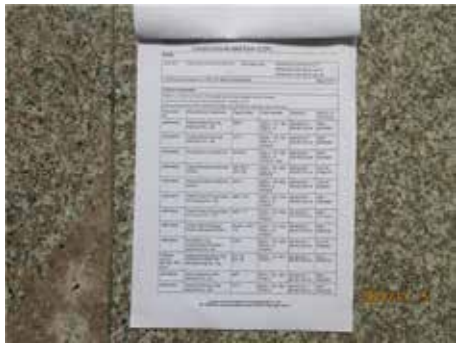
PASSED
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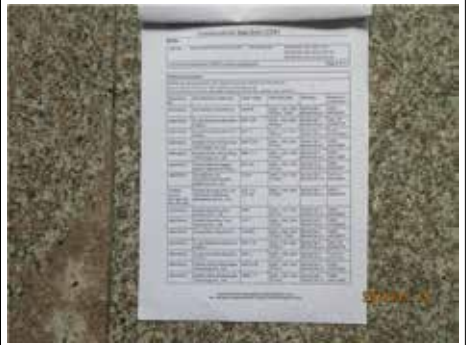
CDF



CDF



CDF



CDF



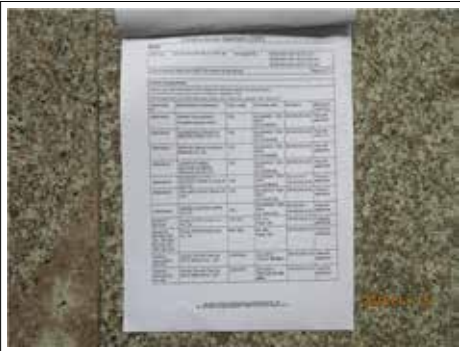
CDF



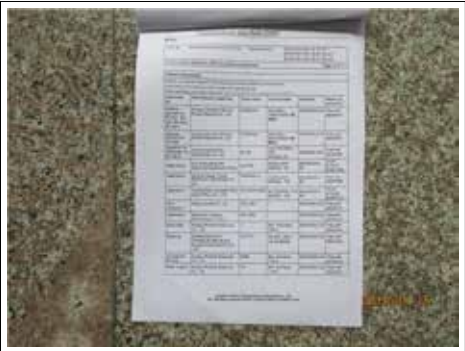
CDF




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CDF



CDF

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This is The End of the Report