

Pre-shipment Inspection Report

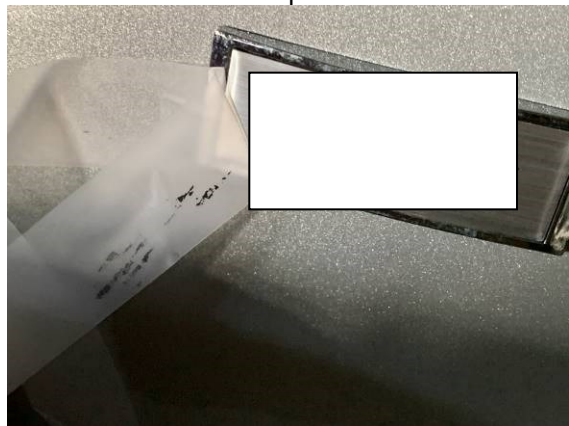
Report #: PSI20210930-210922-H

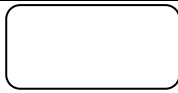
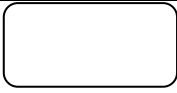
General Information:		
Client name	XXX	
Product name	Refrigerator	
Item	XXX	
PO#	XXX	
Ordered quantity (Lot size)	624pcs	
Inspection Date	30 th Sep,2021	
Arrival time	9:00am	
Departure time	16:40pm	
Supplier name	XXX	
Factory name	XXX	
Inspection location	XXX	

Inspection Summary						
Inspection Sections	Conform?	Remarks				
1. Product quantity check	Pass					
2. Workmanship appearance / function inspection	Within AQL		Cr	Ma	Mi	
		Found	0	1	3	
		Max	0	1	3	
		Sample Size	32	32	32	
		Most serious defects found: /				
3. Test checking/Special check points	Fail	Remark 3.1,3.2				
4. Packing check	Pass					
5. Shipping marks/Label/Marking	Pass					
6. Product conformity inspection	Pending	Remark 6.1, 6.2				

Conclusion	FAIL (Client has the final decision to Reject or Approve)
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AQI Remarks	
1	Quantity Check
1.1.	Upon the inspection, product 100% finished and 100% packed into cartons.
2	Workmanship
2.1.	Selected 32pcs samples for inspection, found 1pc major defects and 3pcs minor defects,For the defects found during inspection, the inspector had already shown to the factory and requested them to replace or repair these samples.
3	Testing and special check points

3.1.	No environment to do motor noise check on site.
3.2.	Actual found logo peel off after 3M tape testing.    
4.	Packing Check
4.1.	Confirmed
5.	Shipping marks inspection/Marking/Label
5.1	Confirmed
6	Product conformity inspection
6.1	The approval sample was not available for reference on site.
6.2	No information of product size and weight was provided by client from this inspection.

Manufacturer Signature		AQI Inspector		AQI Report Approver	
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Inspection Method Applied:						
Inspection type	Pre-Shipment Inspection					
Inspection Standard	ANSI/ASQ Z1.4 (MIL-STD-105E)					
Sampling plan	Fixed samples (32pcs)					
Inspection level	Fixed Level					
AQL:	Cri.	0	Maj.:	1.5	Min.:	4.0
Sample size inspected	32pcs					
Quantity of cartons available for inspection	624ctns					

Quantity for selected cartons	32ctns
Carton # of the selected cartons	No carton number marked on export carton

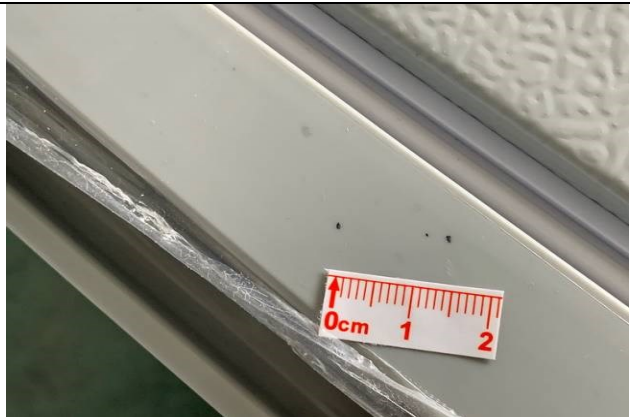
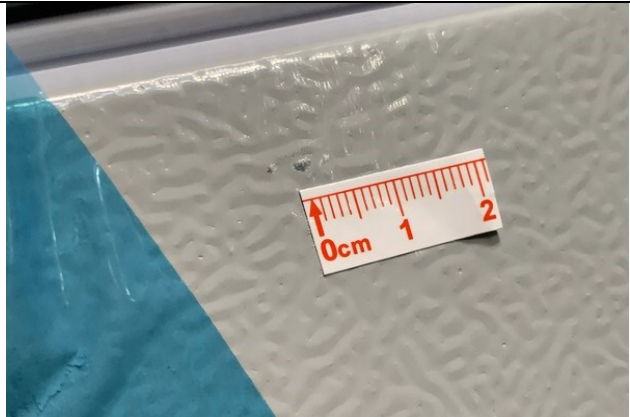
1. Product Quantity Inspection:

Item No.	Description	Ordered Qty.(Pcs)	Available Qty.(Pcs)	Ordered Cartons	Packed Cartons	% of Finished Packing	Sample Size	
							Pieces	Cartons
RF-049	Refrigerator	624	624	624	624	100	32	32

2. Workmanship Appearance / Function inspection

#	Description	Cri.	Maj.	Min.	Remarks
RF-049	Dent mark		1		Re-work
	Black spot			1	Re-work
	Poor painting			1	Re-work
	Scratch mark			1	Re-work
Total Defects		0	1	3	Within AQL
Maximum allowed Defects		0	1	3	
Sample size		32	32	32	

Pictures of defects

	
Dent mark-Major	Black spot-Minor
	
Poor painting-Minor	Scratch mark-Minor

3. Reliability Tests/Special Check Points

#	Testing Description	Sample Size	Result	Remark
3.1.	Function test	All samples	Pass	
	Normal function should be OK, refer to IM.			
3.2.	Hi-Pot test	All samples	Pass	
	Class I: 1500V 5mA 3sec Class II: 3000V 5mA 3sec			
3.3.	Power consumption test	S-2	N/A	
	+10%/-5%			
3.4.	Strain Relief Test	S-2	Pass	
	<= 1kg, use a force of 30N. If the product has a net weight 1kg > , <= 4kg, use a force of 60N. > 4 kg, use a force of 100N - The cord should not be displaced more than 2mm.			
3.5.	Earth continuity test	All samples	Pass	
	Checking Criteria: Household with 12V, 25A, <0.1 Ohm; Luminaries with 12V, 10A, <0.5 Ohm			
3.6.	Internal check	1pc/item	Pass	
	Check with CDF provided by factory			
3.7.	Barcode scanning test	S-2	Pass	
	The barcode number must match the client's requirement. The inspector must scan the barcode.			
3.8.	Compressor protection test	1pc	Pass	
	When cut off power, then through the circuit the compressor should delay start after 3~5 minutes. Reaches overload condition or the compressor could start when re- power on then delay 3-5minutes, Fuse shall work and no safety issue.			
3.9.	Motor Noise Check	S-2	Pending	Remark 3.1
	Record actual findings			
3.10.	Defrosted power	S-1	N/A	
	If air cooling refrigerator with Defrosting heater, must measure defrosted power. test method: waiting for refrigerator auto off, start the defrosting heater, within +5% and -10% of > 200W, within $\pm 10\%$ of 25W ~200W, within tolerance			
3.11.	3M tape testing on logo/coating and printing.	S-2	Fail	Remark 3.2
	Logo not peel off or fade after testing.			
3.12.	Rub test for logo/ coating and printing	S-2	Pass	
	Dry and wet Rub 20times			
3.13.	Rubbing testing on Rating label	S-2	Pass	
	the Rating Label should be checked with the petrol and alcohol			
3.14.	Temperature check	S-2	Pass	
	Middle setting, operating 3 hours, measure the temperature at 1.5 hours and 3 hours, Fridge: 0-10℃			
3.15.	Refrigerating fluid leakage test	S-2	Pass	
	<0.1 g/a			

Pictures of Reliability Tests



Safety check



Safety check



Strain Relief Test



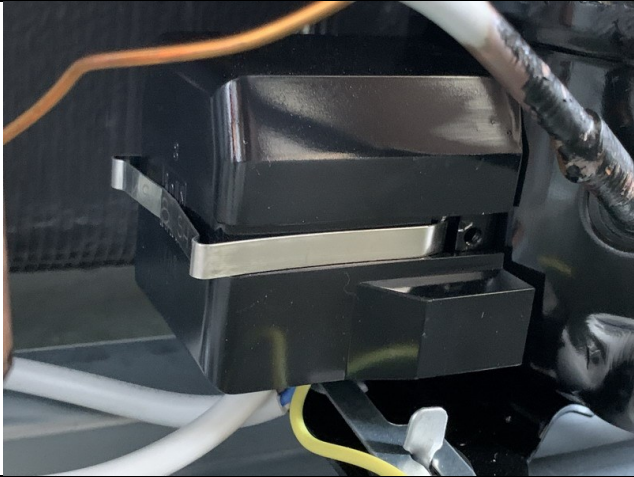
Strain Relief Test



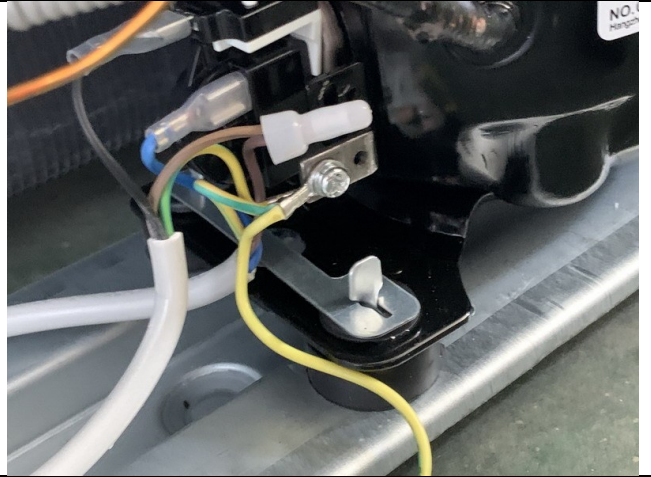
Internal check



Internal check



Internal check



Internal check



Internal check



Internal check



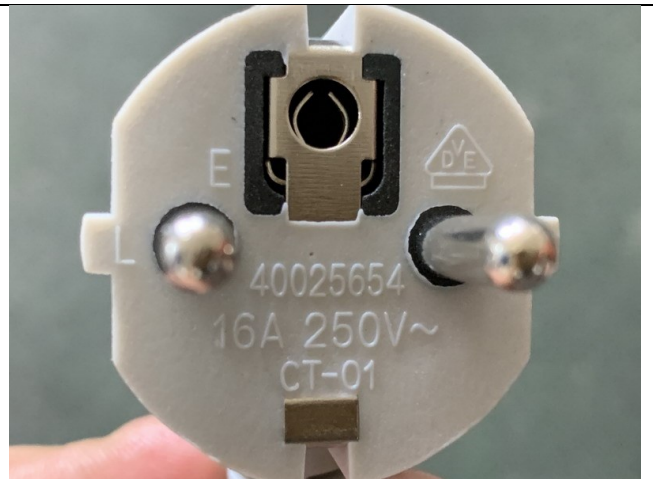
Internal check



Internal check



Internal check



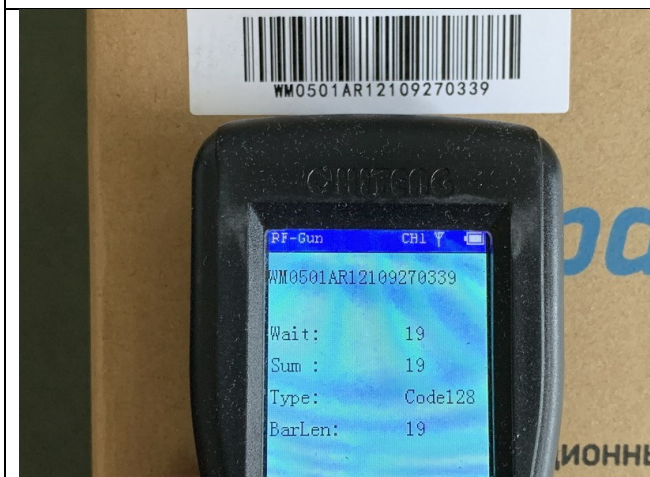
Internal check



Internal check



Internal check



Barcode scanning test



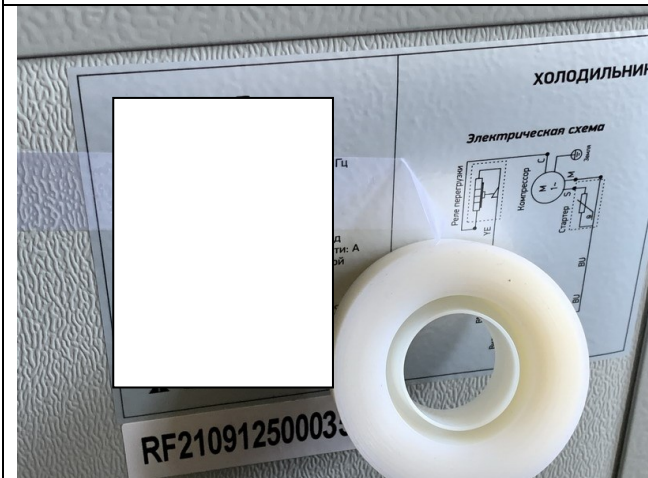
Compressor protection test



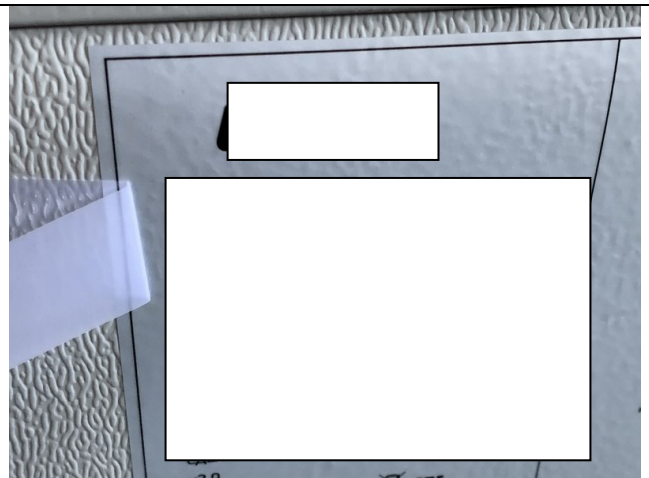
Compressor protection test



Compressor protection test



3M tape testing



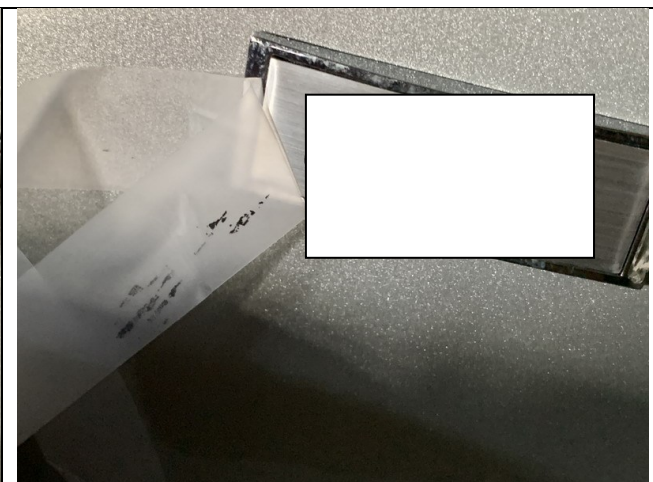
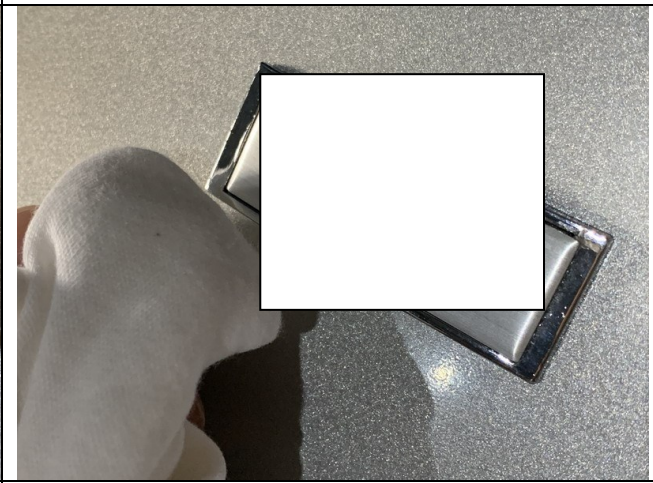
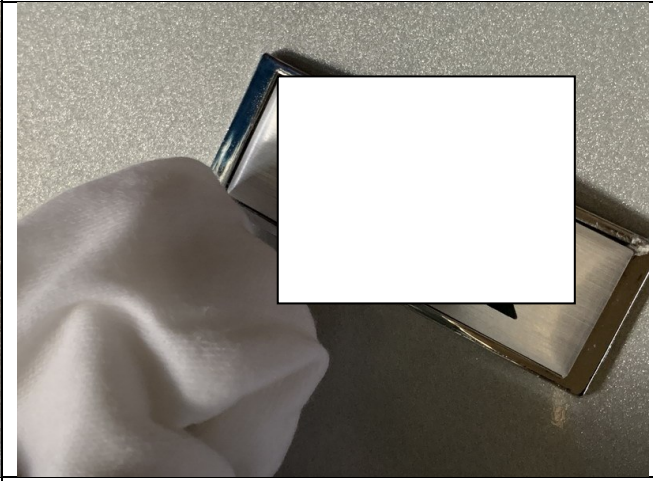
3M tape testing (PASS)



3M tape testing

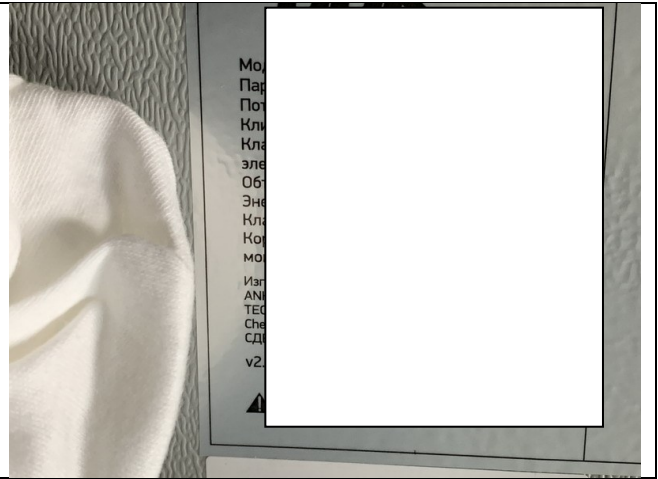


3M tape testing (Failed)

	
3M tape testing (Failed)	3M tape testing (Failed)
	
Rub test (Dry)	Rub test (Dry)
	
Rub test (Wet)	Rub test (Wet)



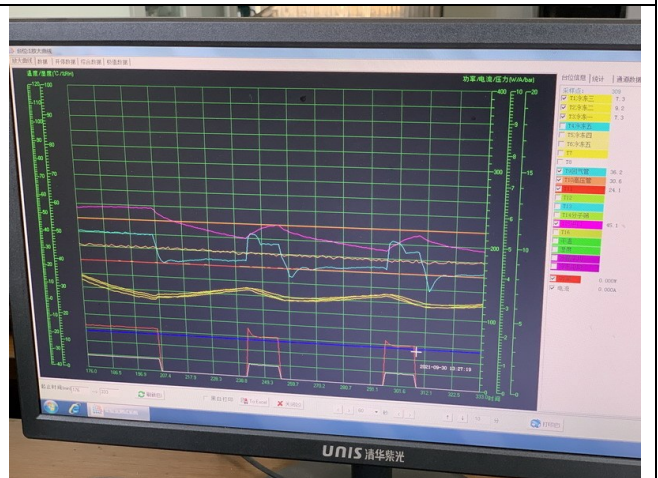
Rub test



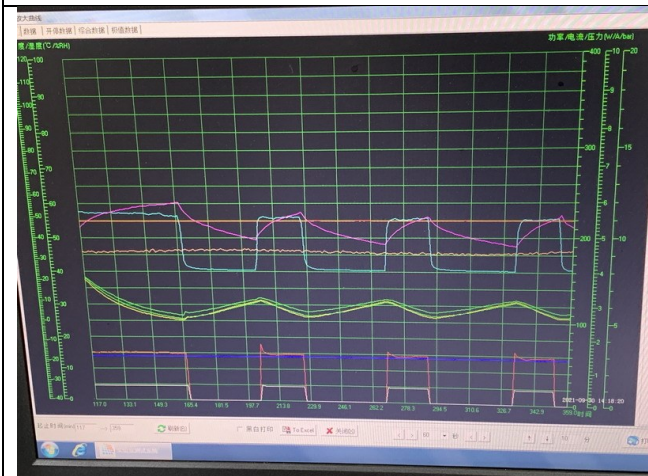
Rub test



Temperature check



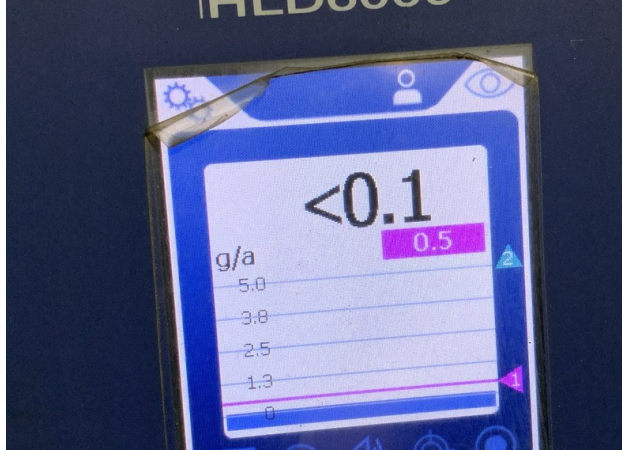
Temperature check



Temperature check



Refrigerating fluid leakage test

	Nil
Refrigerating fluid leakage test	Nil

4. Packing/Packaging Inspection

General requirement from client:

#	Check Points	Conform?	Remarks
4.1.	Master carton packing	Pass	
4.2.	Inner box packing	N/A	
4.3.	Unit packing	Pass	
4.4.	WC (warranty card)	Pass	
4.5.	IM	Pass	
4.6.	Polybag with warning clause/ Polybag with Air holes	Pass	Sealing
			☐ Yes
			☒ No
			Warning text
			☒ Yes
			☐ No
			Punch holes
			☒ Yes
			☐ No
4.7.	Products are perfectly fitted in the carton (Does the sealing method for cartons conforms to the client's specs?)	Pass	
4.8.	No over-packed, no gap, no crash are allowed	Pass	
4.9.	No found mixed sizes cartons	Pass	
4.10.	Carton size/weight	Pass	

Item# RF-049	Client's spec	Printed	Real	Tolerance, +/-3%
SB size(mm) SB: Shipping box	465x525x470	465x525x470	460x530x460	Ok
SB GW(kg)	14.2	13.15	13.116	-0.26

5. Shipping Marks /Label/Marking Inspection

General requirement from client:

#	Check points	Result	Remarks
5.1	Shipping mark	Pass	
5.2	Bar code	Pass	

5.3	Care/composition label	N/A	
5.4	Country origin label	Pass	
5.5	Poly bag printing / label	Pass	
5.6	Inner box printing / label	N/A	
5.7	Other label or marking	Pass	

6. Product Conformity / Measurement Inspection:

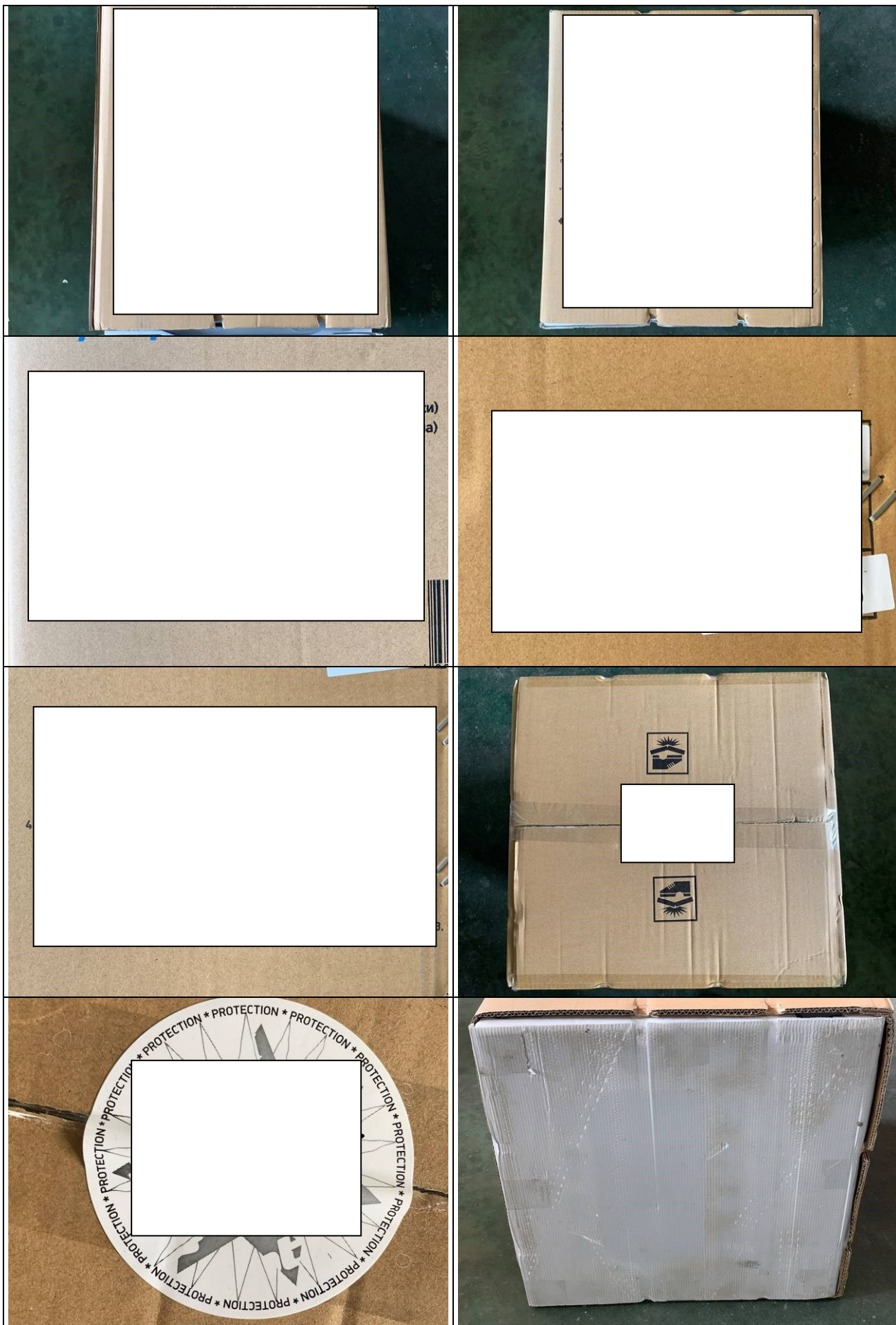
General requirement from client:

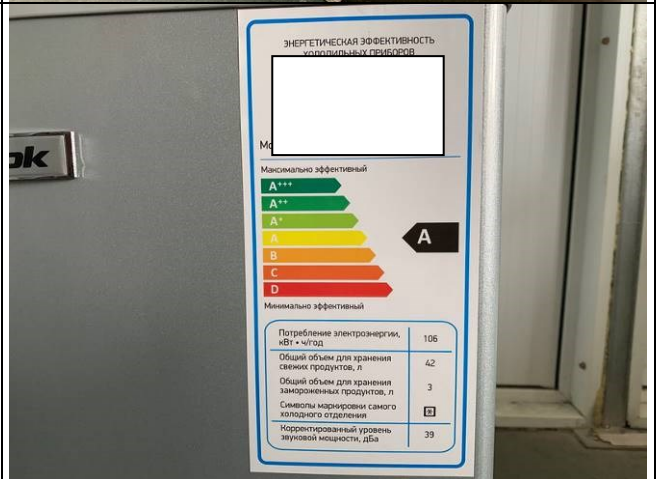
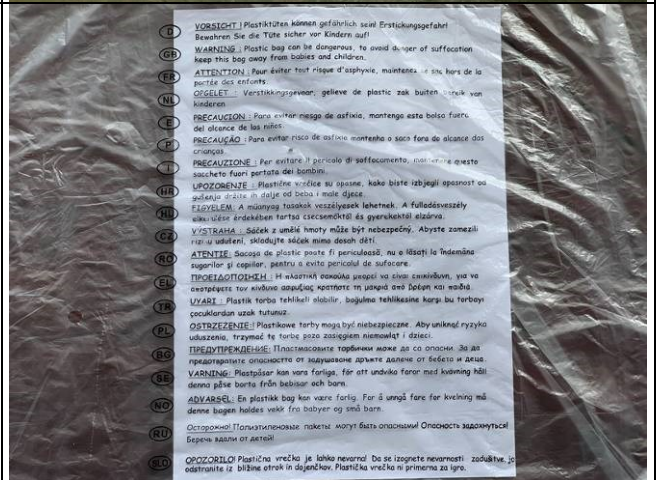
#	Check Points	Result	Remarks
6.1	Product Overview	Pass	
	Requirement:		
6.2	Product Comparison	N/A	No approval sample for reference
	Requirement:		
6.3	Product size/Weight	Pending	See below
	Requirement:		
6.4	Other size or measurement	N/A	
	Requirement:		

Item#	Product size on spec	Actual Product size	Product weight on spec	Actual Product weight
RF-049	/	44.6x44.7x51.5cm	/	11.870kg

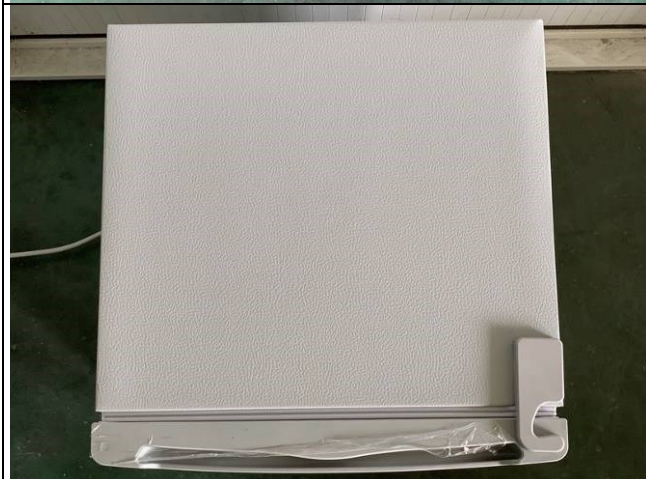
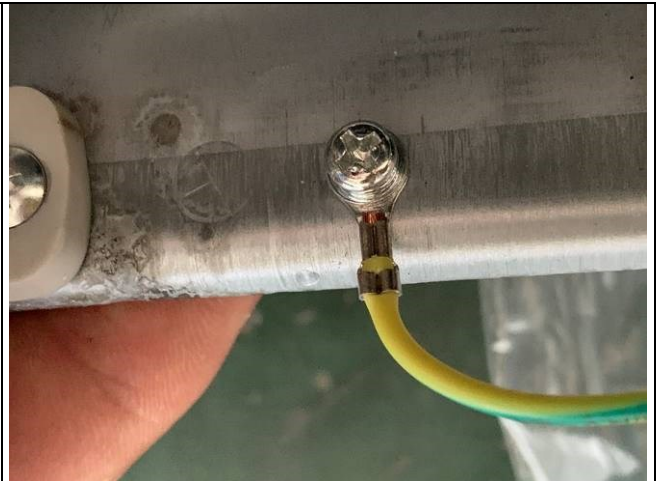
6.1 Product overview and description pictures:



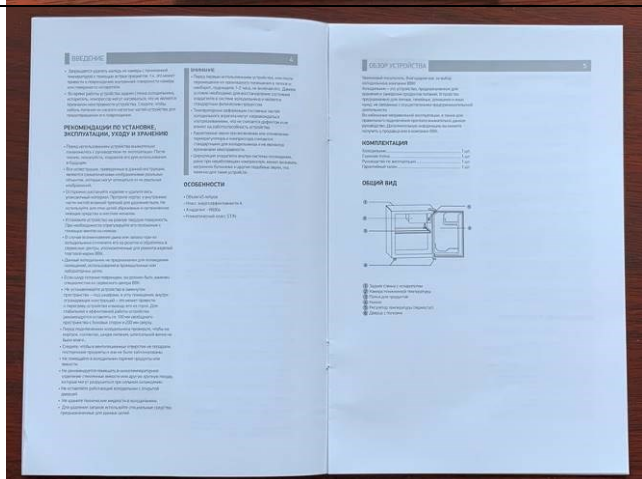
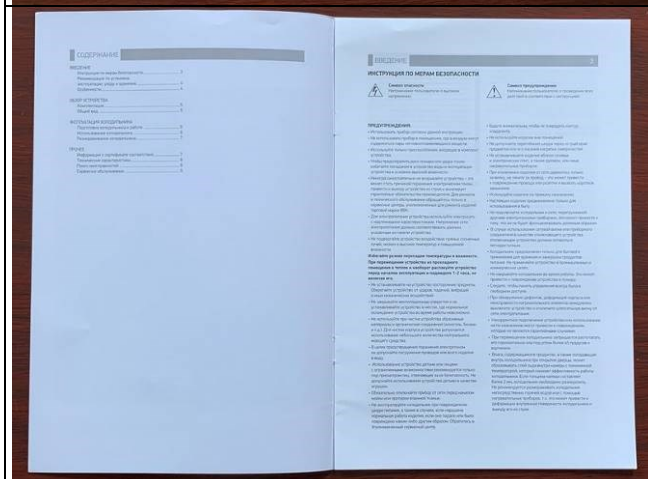
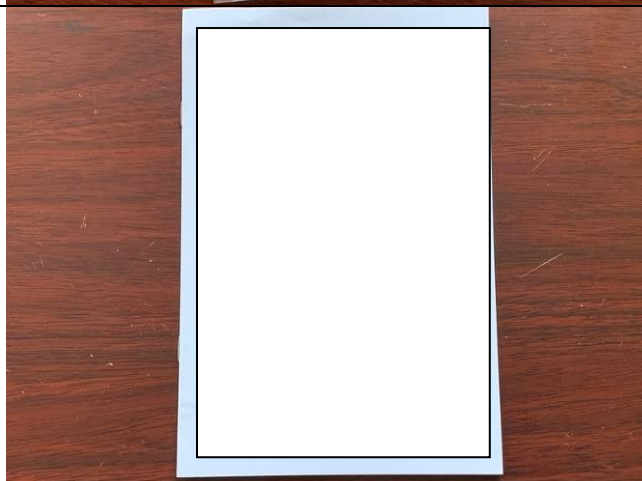
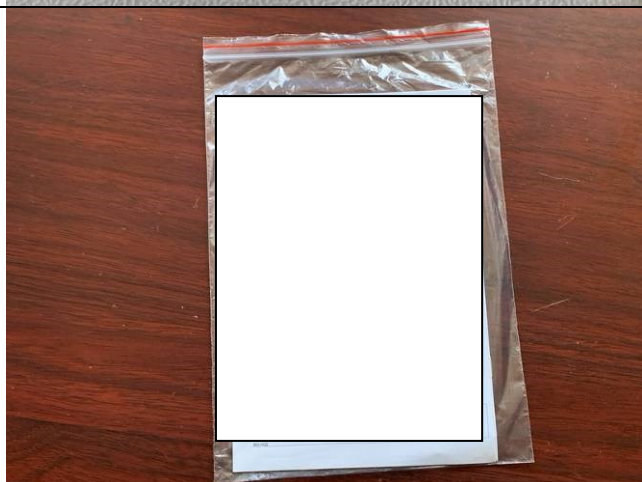
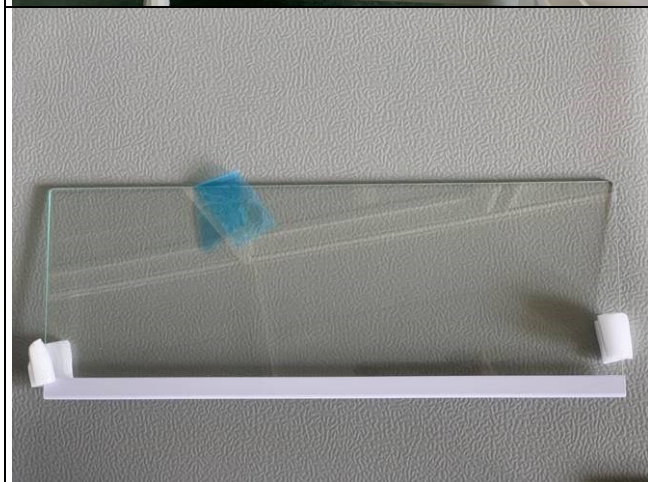


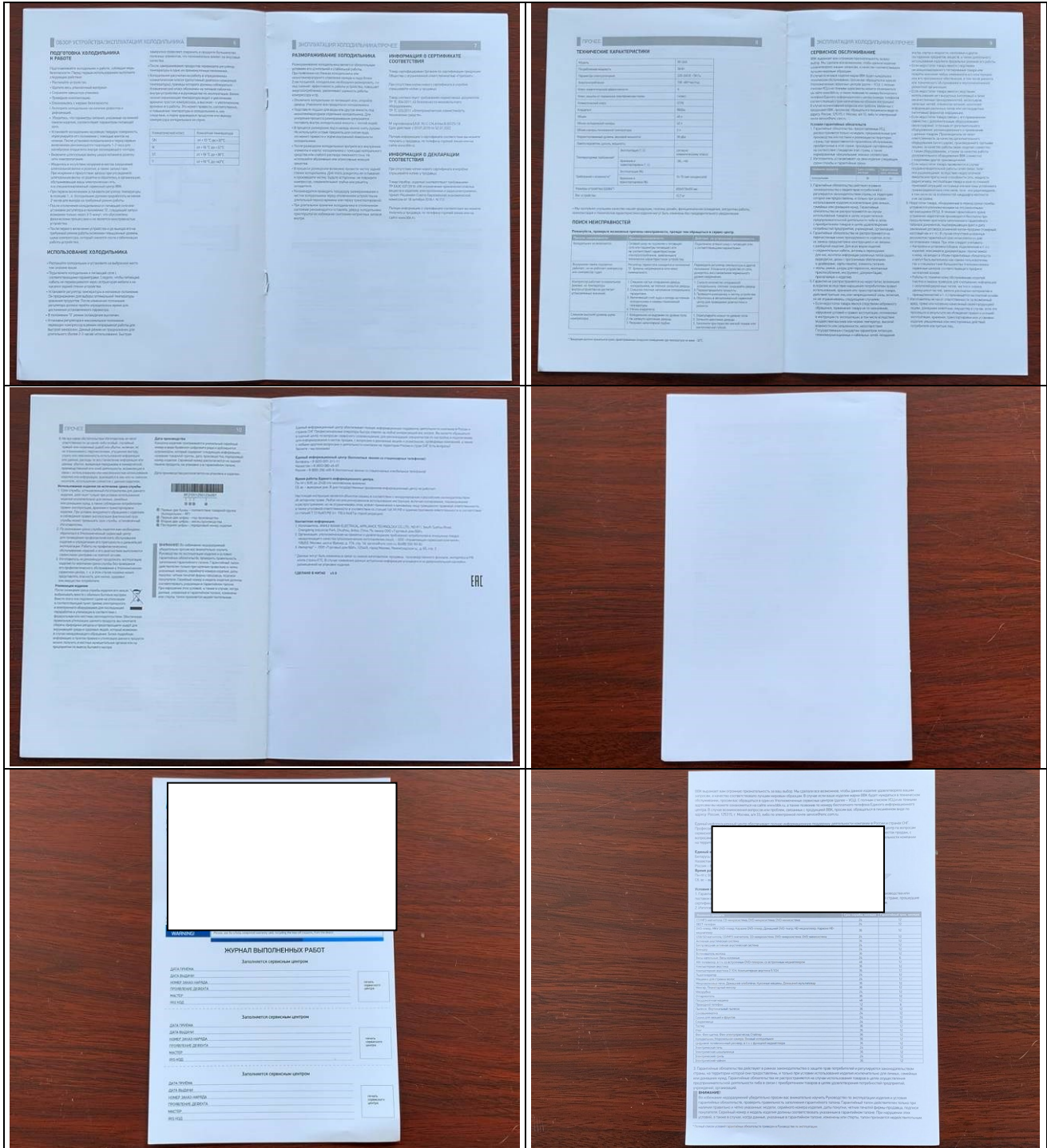












Size and weight check







7. Factory General Outlook

Is the factory/workshop location Same as booked by client?	Factory/Workshop cooperation	Factory/Workshop organization
Yes	Average	Average
Warehouse Cleanliness	Inspection Room Lighting Conditions	Inspection Room Conditions Cleanliness
Average	Bright	Clean
Factory Gate	Inspected samples	Inspection line
		

8. Draft Report



Draft Report
DOCUMENT #: AQI-DOC-Draft REPORT

General Information:

Sample size inspected	32 pcs	Qty. for selected cartons	32 ctns
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Defective list	Critical	Major	Minor
Dent mark		1	
Black spot			1
Poor painting			1
Scratch mark			1
Total Defectives	0	1	3
Maximum allowed:	0	1	3
Sample Size	32	32	32

Conclusion:

AQI Remark :

- Upon the inspection, product 100% finished and 100% packed into cartons,
- The approval sample was not available for reference on site.
- Selected 32pcs samples for inspection, found 1pc major defects and 3pcs minor defects,
- No environment to do noise test on site.
- For 3M tape test, Actual found logo peel off after testing

THE ABOVE RESULT(S) REFLECT(S) AQI QUALITY INSPECTION FINDINGS AT THE TIME AND PLACE OF INSPECTION. THIS REPORT DOES NOT RELEASE THE BUYER OR SELLER FROM CONTRACTUAL RESPONSIBILITIES, NOR DOES IT PREJUDICE THE BUYER'S RIGHT OF CLAIM TOWARD THE SELLER/SUPPLIER FOR COMPENSATION FOR ANY APPARENT AND/OR HIDDEN DEFECTS NOT DETECTED DURING INSPECTION OR OCCURRING ANYTIME THEREAFTER.

End of the Report