



Process: Quality Control  
 Category: Global  
 Document type: Instruction  
 Language: English  
 IHT: Internal

**Title: AQL- Bucket 14L, Plastic**

Document ID: TSLOG-345702108-782  
 Document Status: Approved  
 Effective date: 5/18/2022  
 GDP related: No  
 Version: 8.0

**Definitions:**

- Critical nonconformity** : Any discrepancy which might harm a user or makes it impossible to use the product properly is considered to be critical. Lots with Critical discrepancies is subject to lot refusal.
- Major nonconformity** : Any discrepancy which makes the use of the product less efficient than expected is considered to be major. Lot with Major discrepancies can be accepted.
- Minor nonconformity** : Any discrepancy which does not have an influence on the performance of the product is considered to be minor. Lot with Minor discrepancies can be accepted.
- Nonconformity**: Non-fulfilment of a specified characteristic requirement.
- Nonconforming item**: Item with one or more nonconformities.
- Lot**: Definite amount of some product, material or service, collected together
- Sample**: Set of one or more items taken from a lot and intended to provide information on the lot

**Non-Conformities and Corrective Action:**

**Critical: (AQL 0)**

Determination of lot acceptability: to be decided by ICRC' Quality and buyers.

Continual improvement: Improvement plan to be proposed by supplier and validated by the ICRC to eliminate the root cause of occurrence and non detection for the faced non-conformity (ies) for the upcoming purchases. Actions to be implemented by supplier within a defined time frame by default 3 months.

Penalty: 10% penalty of the value of the total PO per each critical non-conformity to be charged to the supplier .

**Major: (AQL 4.0)**

Determination of lot acceptability: to be decided by ICRC' Quality and buyers.

Continual improvement: Improvement plan to be proposed by supplier and validated by the ICRC to eliminate the root cause of occurrence and non detection for the faced non-conformity (ies) for the upcoming purchases. Actions to be implemented by supplier within a defined time frame by default 3 months.

Penalty: 0.5% penalty of the value of the total PO per each major non-conformity to be charged to the supplier.

**Minor: (AQL 6.5)**

Determination of lot acceptability: to be decided by ICRC' Quality and buyers.

Continual improvement: Improvement plan to be proposed by supplier and validated by the ICRC to eliminate the root cause of occurrence and non detection for the faced non-conformity (ies) for the upcoming purchases. Actions to be implemented by supplier within a defined time frame by default 3 months.

Penalty: 0.25% penalty of the value of the total PO per each minor non-conformity to be charged to the supplier.

**Additional Information:**

The Method of testing is drawn from ISO-2859-1 International Standards (table1: Sample size code letters, and table 2-A: Single sampling plans for normal inspection). The samples will be taken randomly by the buyer from the delivered items and then inspected. The buyer can decide either to inspect the lot at ICRC QC laboratory or to use an inspection company for analysis, or both. Transport to laboratory and analysis cost for lab testing are at expense of ICRC. The seller can contest the results of the Quality Control done at ICRC warehouses by requesting a lab testing. In this case transport to laboratory and analysis cost for lab testing are at expense of the seller. In case the ICRC decides to hold the penalties during the improvement plan, if the faced nonconformity(ies) persist ; penalty for each non-conformity faced during the improvement plan will be applied.



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Nonconformities classification: Critical: C; Major: M; Minor: m

Items	Characteristics	Nonconformities classification	QC type	AQL	QC Inspection at ICRC warehouses and lab testing
Parcels	Marking on the parcel	m	Ok/Nok	6.5	Marking expected (printed on the carton): ICRC + 20 Buckets 14L, plastic + PO number. No logo of the supplier allowed.
	Parcel sealing	m	Ok/Nok	6.5	Parcel well sealed with large adhesive tape (50 mm mini).
	Parcel quality	m	Ok/Nok	6.5	Boxes of export quality minimum 5 ply with reinforced corner to withstand stacking to 6m high on pallet at the base of the pile, without any damages (carton grooves must be in the vertical direction).
	Packing	m	Ok/Nok	6.5	The packing must guaranty that the buckets will not be pressed one in other to avoid blocking the buckets together.Items will not be wrapped in single use plastics
	Content	m	Ok/Nok	6.5	In strong carton boxes of 20 buckets and lids, with clipped on handles.
Specifications	Material & Food grade	C	Ok/Nok	0	Heavy-duty plastic bucket, with handle and lid with attached clip-on cap. Manufacturing process: injection moulding. Virgin food grade HDPE high density polyethylene, and virgin LDPE low density polyethylene, OR: Virgin food grade Copolymer Polypropylene (PP). Should not contain toxic elements according to EN 1186-3-9 standard.
	Capacity	M	Measurement	4.0	Minimum 14 litres.
	Weight bucket	m	Measurement	6.5	Minimum weight, PE:600g. PP:550g
	Weight lid	m	Measurement	6.5	Minimum weight, PE:150g. PP:140g
	Weight handles	m	Measurement	6.5	Minimum weight, PE:30g. PP:27g
	Bucket height	M	Measurement	4.0	Mini 285mm, maxi 315mm.
	Bucket top diameter	M	Measurement	4.0	External diameter: Mini 285mm, maxi 315mm.
	Bottom diameter	M	Measurement	4.0	External diameter: Mini 228mm, maxi 252mm.
	Cap opening diameter	m	Measurement	6.5	Internal diameter: Min 45mm, max 55mm.
	Reinforced ridge on the base	M	Ok/Nok	4.0	Reinforced bottom ridge to prevent scraping of the base.
	Reinforced top to prevent ovaling	M	Ok/Nok	4.0	Reinforced top to prevent ovaling.
	Curved inside base to wall join for easy cleaning.	M	Ok/Nok	4.0	Curved inside base to wall join for easy cleaning.
	Attached clip-on cap	M	Ok/Nok	4.0	Clip-on cap attached to the lid.
	Colour	m	Ok/Nok	6.5	Bucket: white. Lid and handle: Preferably red.
Bucket marking	m	Ok/Nok	6.5	Manufacturer identification plus manufacturing month and year moulded on the bucket.	
General quality	M	Ok/Nok	4.0	No holes, tears and sharp edges. Smooth and clean surface finish.	



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<b>Specifications</b>	Handle folding test	<b>M</b>	Ok/Nok	4.0	The handle must resist folding flat on the lid, pushed on left end, and pushed on right end.
	Handle bending test	<b>M</b>	Ok/Nok	4.0	The handle must resist to the bending test (bending of the handle 100 times).
	Handle traction test	<b>C</b>	Ok/Nok	0	The handle must also resist to 28kg traction in normal usage position.
	Flexibility test	<b>M</b>	Ok/Nok	4.0	The bucket must get back its original shape without damage after applying a pressure on the two sides of top rim to make them touch one another in the middle. Instruction: Measure original diameter of top rim and apply pressure on the two sides of top rim to make them touch one another in the middle and release. After one hour, measure the diameter of top rim. Requirement: Bucket should not damage, +/- 10% to original diameter
	Lid test	<b>M</b>	Ok/Nok	4.0	The bucket filled with 14L water or 2cm below the top must resist one fall on the side without opening (no lid off after one fall on the side)
	Drop test	<b>C</b>	Ok/Nok	0	The bucket filled with 14L water or 2cm below the top and closed with lid, must resist without damage to 2 consecutive vertical drops from 2m high from bucket bottom to smooth flat concrete floor. Requirement: Bucket should not break. Remark: lid opening and deformation without breakage will not be considered as fail.

Drawings

