



International Organization for Migration (IOM)
The UN Migration Agency

AQL Definitions, penalties, **Corrective Action** **Plan** and Quality Control rules.

IOMQC-AQLS00V8
Ver8.0
04.02.2022

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

Definitions:

Critical nonconformity : Any discrepancy which might harm an user or makes it impossible to use the product properly is considered to be critical. Lots with Critical discrepancy are subject to refusal.

Major nonconformity : Any discrepancy which makes the use of the product less efficient than expected is considered to be major. Lots 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. Lots with Minor discrepancies can be accepted.

Non-Conformities classification and related penalties:

Corrective action plan must be implemented by the vendor on its processes, addressing root causes of occurrence (production) and of non-detection of the nonconformity (QC).

Critical: (AQL 0)

Nonconforming characteristic (number of nonconforming items \geq Rejection number. ISO-2859-1) implies a penalty of 10% of the value of the total PO per each critical non-conformity to be charged to the supplier. Determination of lot acceptability is to be decided by IOM.

Major: (AQL 4.0)

Nonconforming characteristic (number of nonconforming items \geq Rejection number. ISO-2859-1) implies 0.5% penalty of the value of the total PO per each major non-conformity to be charged to the supplier. Determination of lot acceptability is to be decided by IOM.

Minor: (AQL 6.5)

Nonconforming characteristic (number of nonconforming items \geq Rejection number. ISO-2859-1) implies 0.25% penalty of the value of the total PO per each minor non-conformity to be charged to the supplier. Determination of lot acceptability is to be decided by IOM.

Quality Control and Acceptance Quality Level

- The AQLs herein are after IFRC/ICRC with additional parameters on IOM markings and required packaging.

- 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 IOM 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 IOM.

- The vendor can contest the results of the Quality Control done at IOM warehouses by requesting a lab testing. In this case transport to laboratory and analysis cost for lab testing are at expense of the seller.

- **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.



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AQL Buckets 14L, plastic Specifications and Quality Control

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

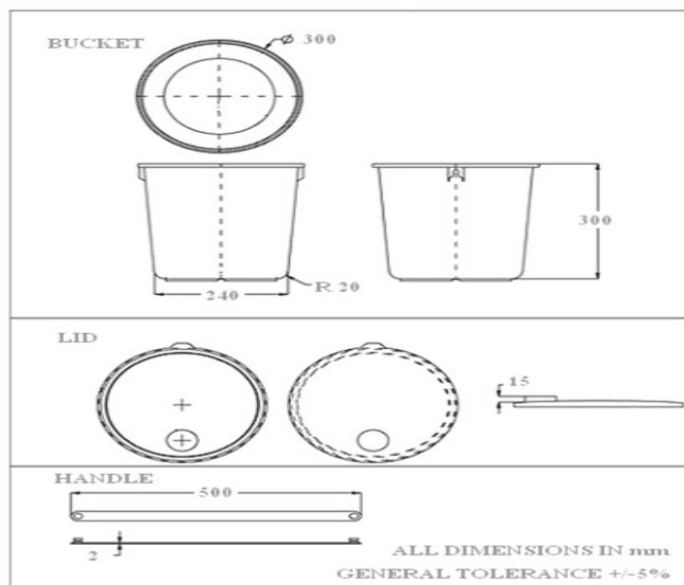
Items	Characteristics	Nonconformities classification	QC type	AQL	QC Inspection at IOM warehouses and lab testing
Parcels	Marking on the parcel	m	Ok/Nok	6.5	Marking expected (printed on the carton): Indicate IOM Logo + IOM Plastic Buckets -4700000060 + PO number and Quantity + Batch number and Manufacturing date + Packing units: To be marked with consecutive numbers (i.e 1/20, 2/20...) + Indicate Gross Weight and Dimension. 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. The items to be packed in Wooden EURO pallet (EUR 1) and fumigated as per ISPM 15 standard. Items must be shrink-wrapped, securely strapped and sealed. The packaged goods must not exceed the length and width of the pallet and clearly marked with IOM standard markings (packing details above) in both front and back.
	Content	m	Ok/Nok	6.5	In strong carton boxes of 20 buckets and lids, with clipped on handles.
Buckets	Printing of IOM Logo	m	Measurement	6.5	IOM logo should be printed on the bucket, placing it one side of the buckets. The color should Logo printed in CMYK, C = 100%, M = 82%, Y = 10%, K = 2%. The size of the logo on the center of the bucket should be 15 cm wide and 16.20 cm high.
	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.
Handle folding test	M	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	M	Ok/Nok	4.0	The handle must resist to the bending test (bending of the handle 100 times).
Handle traction test	C	Ok/Nok	0	The handle must also resist to 28kg traction in normal usage position.
Flexibility test	M	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	M	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	C	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.

REFERENCE DRAWING

COLOUR : **PANTONE BLUE** or **CMYK**.

C = 100%, M = 82%, Y = 10%, K = 2%



LOGO PLACEMENT ON PLASTIC BUCKETS