



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

**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 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.



International Organization for Migration (IOM)  
The UN Migration Agency

# AQL Collapsible Jerry cans 10l, Specifications and Quality Control

IOMQC-AQLS00V8  
Ver8.0  
04.02.2022

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

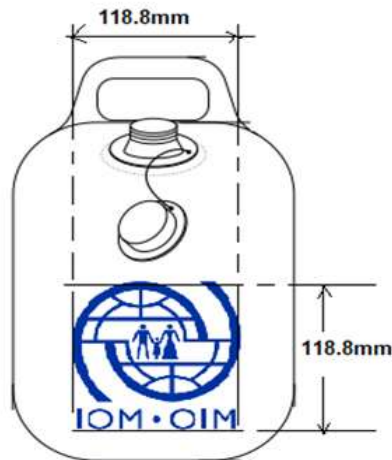
Items	Characteristics	Nonconformities classification	QC type	AQL	QC Inspection at IOM warehouses and lab testing
Parcels	Marking on the parcel	<b>m</b>	Ok/Nok	6.5	Marking expected (printed on the carton) : IOM IOM Logo + IOM Jerry Can Type 2 -4700000053 + PO number and Quantity + Batch number and Manufacturing 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. Country of origin upon request.
	Parcel sealing	<b>m</b>	Ok/Nok	6.5	Parcel well sealed with large adhesive tape (50 mm minimum).
	Parcel quality	<b>m</b>	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. The final package should resist without any damage to the corresponding weight applied on a strong rigid board on top side of the box.
	Packing	<b>m</b>	Ok/Nok	6.5	The packing must guaranty that the jerry cans are arranged in line side by side, No individual packaging requested.
	Content	<b>m</b>	Ok/Nok	6.5	50 or 30 jerry cans per parcel.
Jerry cans 10l	Printing of IOM Logo	<b>m</b>	Measurement	6.5	IOM logo should be printed or embossed in both sides of the jerrycan, Using CMK, C = 100%, M = 82%, Y = 10%, K = 2% The size of the logo on the center of the bag should be 11.88 cm wide and 11.88cm cm high and refer to this logo placement guideline below.
	Material	<b>C</b>	Ok/Nok	0	Manufactured of food grade LDPE
	Material - Overall migration - simulants representing aqueous foods EN 1186 - Immersion (A) + Regulation 10/2011/CE .	<b>C</b>	Ok/Nok	0	Overall migration < (or = )10 mg/dm2.
	Material - Specific migration of 7 heavy metals on plastics simulants representing aqueous foods EN 13130-1 Regulation10/2011/CE	<b>C</b>	Ok/Nok	0	Barium <0.1 mg / kg; Cobalt <0.05 mg / kg; Copper <5 mg / kg; Iron <48 mg / kg; Lithium <0.6 mg / kg; Manganese <0.6 mg / kg; Zinc <25mg / kg;
	Weight	<b>m</b>	Measurement	6.5	Minimum 180g
	Handle	<b>M</b>	Ok/Nok	4.0	A built-in carrying handle with minimum 9 cm long and 3 cm high, with no sharp edges, OR a carrying handle made of plastic, attached to the bag with two galvanized steel rings.
	Cap & string	<b>m</b>	Ok/Nok	6.5	A screwable cap with tap for filling and discharge that is linked to the container by polyamide string with diameter of minimum 1mm and 120mm length.
	Jerrycan inlet interior diameter	<b>M</b>	Measurement	4.0	Jerrycan inlet interior diameter: Minimum 30mm.
Capacity	<b>M</b>	Measurement	4.0	Minimum 10 litres	

Shape	<b>m</b>	Ok/Nok	6.5	Square or rectangular. The plastic used has to be translucent. Must stand by itself, even when filled to 1/4 of its maximum volume.
General quality	<b>M</b>	Ok/Nok	4.0	No holes, tears and sharp edges. Smooth and clean surface finish
Cap leakage test	<b>M</b>	Ok/Nok	4.0	No leakage should be found after filled with 10 liters of water for 10 minutes in upside down orientation
String test	<b>m</b>	Ok/Nok	6.5	The string should not break after applied 2 kg tension force.
Handle traction test	<b>C</b>	Ok/Nok	0	The handle must resist the traction test when filled with 10 liters of water for 10 mn. Handle should not break or crack.
Drop test	<b>C</b>	Ok/Nok	0	The collapsible jerrycan must be filled with 10 liters of water. Drop the filled sample from 2 m (the lowest point is at 2m from the ground) to smooth concrete surface for 10 consecutive drops at ambient temperature. Report the number of drops the sample passed without leakage. Requirement: minimum 3 drops without leakage.

## REFERENCE DRAWING

**COLOUR : PANTONE BLUE or CMYK.**

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



LOGO PLACEMENT ON JERRY CANS



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#### **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 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

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# AQL Collapsible Jerry cans 15L or 20L , Specifications and Quality Control

IOMQC-AQLS00V8  
Ver8.0  
04.02.2022

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	<b>m</b>	Ok/Nok	6.5	Marking expected (printed on the carton) : IOM IOM Logo + IOM Jerry Can Type 3 (15L) -4700000054 or IOM Jerry Can Type 4 (20L) -4700000055 + 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. Country of origin upon request.
	Parcel sealing	<b>m</b>	Ok/Nok	6.5	Parcel well sealed with large adhesive tape (50 mm minimum).
	Parcel quality	<b>m</b>	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. The final package should resist without any damage to the corresponding weight applied on a strong rigid board on top side of the box.
	Packing	<b>m</b>	Ok/Nok	6.5	The packing must guaranty that the jerry cans are arranged in line side by side, No individual packaging requested.
	Content	<b>m</b>	Ok/Nok	6.5	50 or 30 jerry cans per parcel.
Jerry cans 20L	Printing of IOM Logo	<b>m</b>	Measurement	6.5	IOM logo should be printed in both sides of the jerrycan, Using CMK, C = 100%, M = 82%, Y = 10%, K = 2%. The size of the logo on the center of the bag should be 11.88 cm wide and 11.88cm high and refer to this logo placement guideline below.
	Material	<b>C</b>	Ok/Nok	0	Manufactured of food grade LDPE
	Material - Overall migration - simulants representing aqueous foods EN 1186 - Immersion (A) + Regulation 10/2011/CE .	<b>C</b>	Ok/Nok	0	Overall migration < (or = )10 mg/dm2.
	Material - Specific migration of 7 heavy metals on plastics simulants representing aqueous foods EN 13130-1 Regulation10/2011/CE	<b>C</b>	Ok/Nok	0	Barium <0.1 mg / kg; Cobalt <0.05 mg / kg; Copper <5 mg / kg; Iron <48 mg / kg; Lithium <0.6 mg / kg; Manganese <0.6 mg / kg; Zinc <25mg / kg;
	Weight	<b>m</b>	Measurement	6.5	Minimum 270g
	Handle	<b>M</b>	Ok/Nok	4.0	One or two built-in carrying handle/s with minimum 9 cm long and 3 cm high, with no sharp edges, OR one or two carrying handle/s made of plastic, attached to the bag with two galvanized steel rings.
	Cap & string	<b>m</b>	Ok/Nok	6.5	A screwable cap with tap for filling and discharge that is linked to the container by polyamide string with diameter of minimum 1mm and 120mm length.
	Jerrycan inlet interior diameter	<b>M</b>	Measurement	4.0	Jerrycan inlet interior diameter: Minimum 30 mm.
Capacity	<b>M</b>	Measurement	4.0	Minimum 20 litres	

Shape	<b>m</b>	Ok/Nok	6.5	Square or rectangular. The plastic used has to be translucent. Must stand by itself, even when filled to 1/4 of its maximum volume.
General quality	<b>M</b>	Ok/Nok	4.0	No holes, tears and sharp edges. Smooth and clean surface finish
Cap leakage test	<b>M</b>	Ok/Nok	4.0	No leakage should be found after filled with 20 liters of water for 10 minutes in upside down orientation
String test	<b>m</b>	Ok/Nok	6.5	The string should not break after applied 2 kg tension force.
Handle traction test	<b>C</b>	Ok/Nok	0	The handle must resist the traction test when filled with 20 liters of water for 10 mn. Handle should not break or crack.
Drop test	<b>C</b>	Ok/Nok	0	The collapsible jerrycan must be filled with 20 liters of water. Drop the filled sample from 2 m (the lowest point is at 2m from the ground) to smooth concrete surface for 10 consecutive drops at ambient temperature. Report the number of drops the sample passed without leakage. Requirement: minimum 3 drops without leakage.

## REFERENCE DRAWING

**COLOUR : PANTONE BLUE or CMYK.**

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



**LOGO PLACEMENT ON JERRY CANS**