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EAST AFRICAN STANDARD

Pedigree hatching boxes for poultry — Specification

EAST AFRICAN COMMUNITY

Foreword

Development of the East African Standards has been necessitated by the need for harmonizing requirements governing quality of products and services in East Africa. It is envisaged that through harmonized standardization, trade barriers which are encountered when goods and services are exchanged within the Community will be removed.

In order to meet the above objectives, the EAC Partner States have enacted an East African Standardization, Quality Assurance, Metrology and Test Act, 2006 (EAC SQMT Act, 2006) to make provisions for ensuring standardization, quality assurance, metrology and testing of products produced or originating in a third country and traded in the Community in order to facilitate industrial development and trade as well as helping to protect the health and safety of society and the environment in the Community.

East African Standards are formulated in accordance with the procedures established by the East African Standards Committee. The East African Standards Committee is established under the provisions of Article 4 of the EAC SQMT Act, 2006. The Committee is composed of representatives of the National Standards Bodies in Partner States, together with the representatives from the private sectors and consumer organizations. Draft East African Standards are circulated to stakeholders through the National Standards Bodies in the Partner States. The comments received are discussed and incorporated before finalization of standards, in accordance with the procedures of the Community.

Article 15(1) of the EAC SQMT Act, 2006 provides that "Within six months of the declaration of an East African Standard, the Partner States shall adopt, without deviation from the approved text of the standard, the East African Standard as a national standard and withdraw any existing national standard with similar scope and purpose".

East African Standards are subject to review, to keep pace with technological advances. Users of the East African Standards are therefore expected to ensure that they always have the latest versions of the standards they are implementing.

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Introduction

In the preparation of this East African Standard, the following sources were consulted extensively:

IS 7517:1987(R2004), *Specification for Pedigree Hatching Boxes for Poultry*

Codex Alimentarius website: http://www.codexalimentarius.net/mrls/vetdrugs/jsp/vetd_q-e.jsp

USDA Foreign Agricultural Service website: <http://www.mrlatabase.com>

USDA Agricultural Marketing Service website: <http://www.ams.usda.gov/AMSV1.0/Standards>

European Union: http://ec.europa.eu/enterprise/sectors/pharmaceuticals/veterinary-use/maximum-residue-limits/index_en.htm

Assistance derived from these sources is hereby acknowledged.

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Pedigree hatching boxes for poultry — Specification

1 Scope

This East African Standard specifies the material, construction and other details of pedigree hatching boxes for poultry.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

CAC/RCP 1, *Recommended international code of practice — General principles of food hygiene*

EAS 12, *Drinking (potable water) — Specification*

EAS 38, *Labelling of prepackaged foods — Specification*

EAS 39, *Hygiene in the food and drink manufacturing industry — Code of practice*

EAS 41, *Fruits, vegetables and derived products — Sampling and methods of test*

EAS 123, *Distilled water — Specification*

EAS 11, *Galvanized plain and corrugated iron sheets — Specification*

ISO 6361-1, *Wrought aluminium and aluminium alloy sheets, strips and plates — Part 1: Technical conditions for inspection and delivery*

ISO 6361-2, *Wrought aluminium and aluminium alloy sheets, strips and plates — Part 2: Mechanical properties*

ISO 6361-3, *Wrought aluminium and aluminium alloy sheets, strips and plates — Part 3: Strips — Tolerances on shape and dimensions*

ISO 6361-4, *Wrought aluminium and aluminium alloy sheets, strips and plates — Part 4: Sheets and plates — Tolerances on form and dimensions*

ISO 6362-1, *Wrought aluminium and aluminium alloy extruded rods/bars, tubes and profiles — Part 1: Technical conditions for inspection and delivery*

ISO 6362-2, *Wrought aluminium and aluminium alloy extruded rods/bars, tubes and profiles — Part 2: Mechanical properties*

ISO 6362-3, *Wrought aluminium and aluminium alloy extruded rods/bars, tubes and profiles — Part 3: Extruded rectangular bars — Tolerances on shape and dimensions*

ISO 6362-4, *Wrought aluminium and aluminium alloy extruded rods/bars, tubes and profiles — Part 4: Extruded profiles — Tolerances on shape and dimensions*

ISO 6362-5, *Wrought aluminium and aluminium alloy extruded rods/bars, tubes and profiles — Part 5: Extruded round, square and hexagonal bars — Tolerances on shape and dimensions*

ISO 6362-6, *Wrought aluminium and aluminium alloys — Extruded rods/bars, tubes and profiles — Part 6: Round, square, rectangular and hexagonal tubes — Tolerances on shape and dimensions*

ISO 16143-1, *Stainless steels for general purposes — Part 1: Flat products*

ISO 16143-2, *Stainless steels for general purposes — Part 2: Semi-finished products, bars, rods and sections*

ISO 16143-3, *Stainless steels for general purposes — Part 3: Wire*

ISO 657, *Hot-rolled steel sections*

ISO 15630-2, *Steel for the reinforcement and prestressing of concrete — Test methods — Part 2: Welded fabric*

3 Definitions

For the purpose of this standard the following definition shall apply:

Pedigree Hatching Box

A box for keeping eggs of individual hen or a group of hens mated to a particular male for hatching in the incubator for maintaining pedigree record as per the dame and/or the sire.

4 Types

The hatching box shall be of the following types.

4.1 Type A — Box without partitions (see Figure 1).

4.2 Type B — Box having sliding partitions (see Figure 2).

5 Material

5.1 Box and partitions

Galvanized steel sheet [see EAS 11], aluminium sheets [see ISO 6361], aluminium angle section [see ISO 6362], and mild steel wire [see ISO 16143-3] which shall be galvanized.

5.2 Lid, hinges and locking device

Galvanized steel sheet [see EAS 11, aluminium sheets (see ISO 6361) and wire mesh [see ISO 16143-3].

6 Construction

6.1 The galvanized steel sheet and aluminium sheet for box should be of 0.63 and 1.0 mm minimum thickness, respectively and for lid 1.0 and 1.25 mm, respectively. The thickness of wire of wire-netting should be 0.56 mm. Wire netting may be tin jointed or rivetted to sheet or angle section.

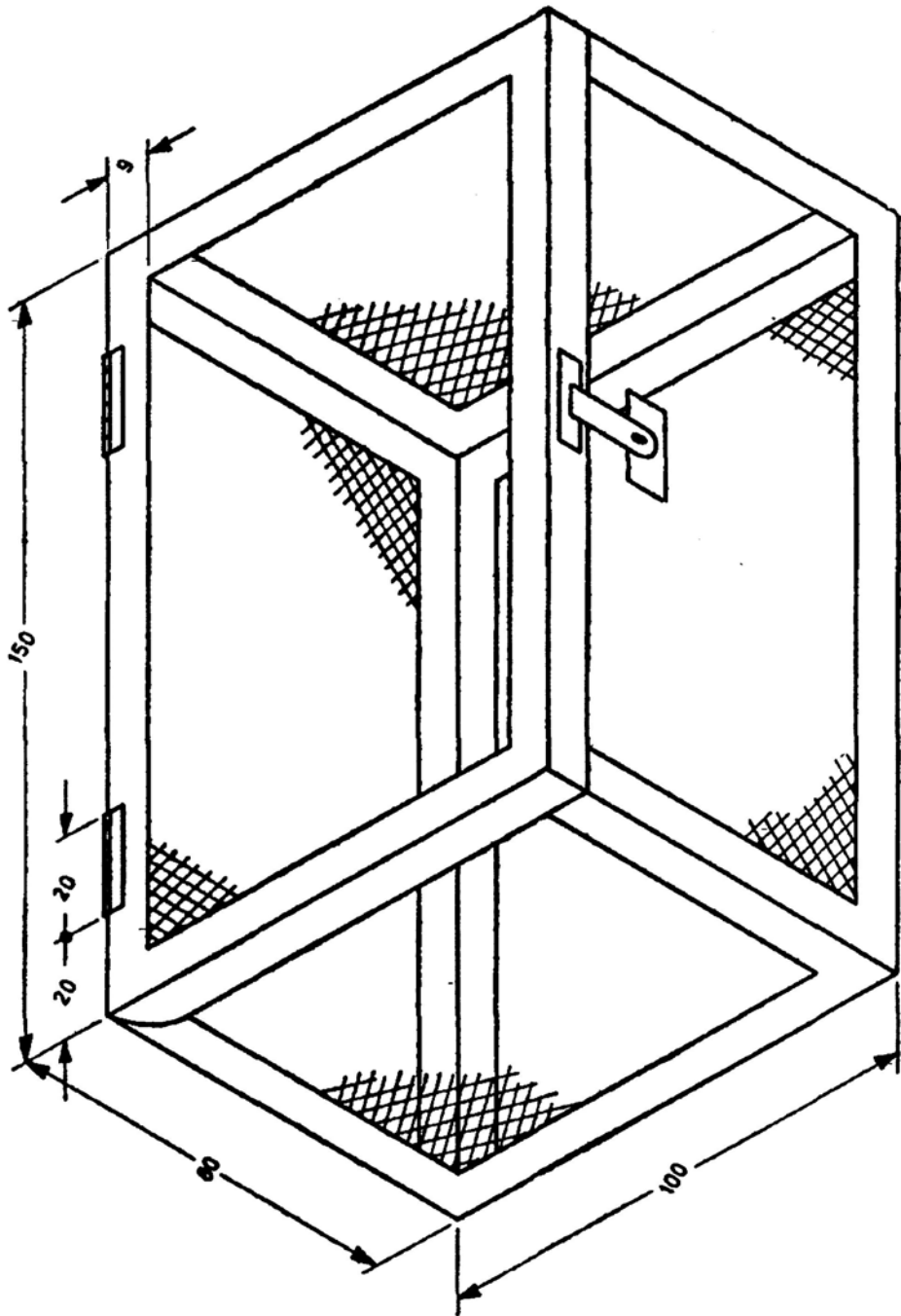
6.2 In case of Type A, the lid may be held in position with the help of locking system.

6.3 In case of Type B, small end of the lid should have a lip turned downwards while the other end should be straight for smooth sliding of the lid over the box. The partition may slide on four wires which pass through the partition and also hold them in position.

7 Dimensions

The dimensions of hatching boxes of Type A and Type B shall as far as possible be, as given in Figure 1 and Figure 2 respectively.

Standard



All dimensions in millimetres

Figure 1 — Typical pedigree hatching box (with wire mesh) — Type A

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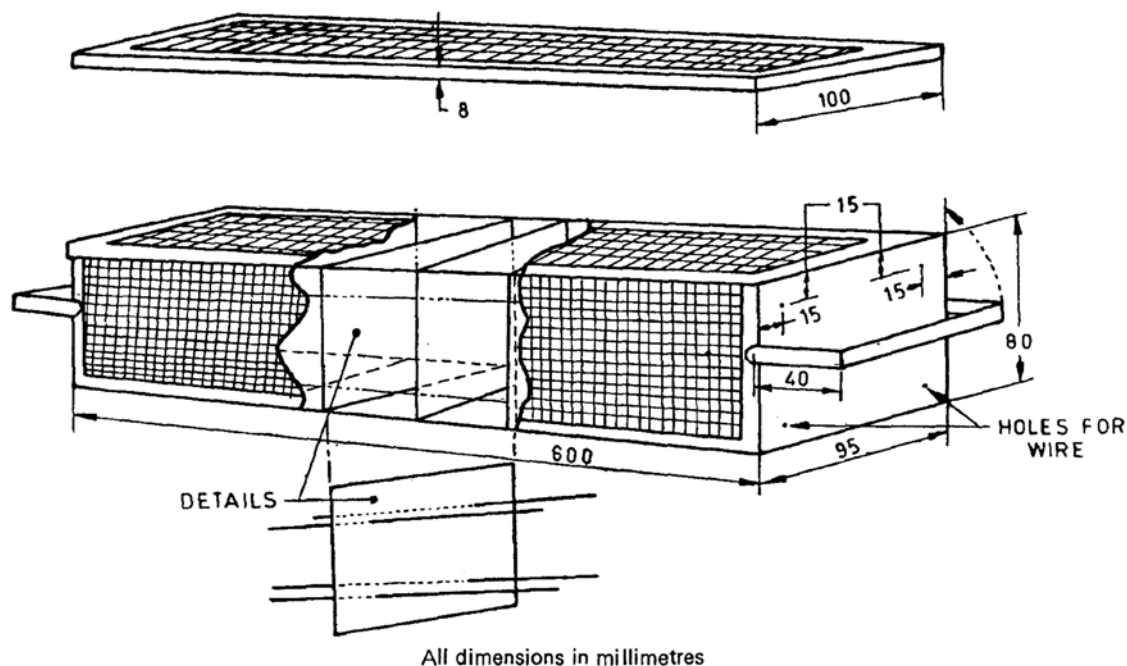


Figure 2 — Pedigree hatching box having sliding partitions

8 Finish

The finish of the boxes shall be smooth so that delicate newly born chicks are not injured. All the joints shall be finished smooth and properly secured.

9 Marking and packing

9.1 Marking

9.1.1 Each hatching box shall carry the following particulars on name plate affixed on one side of the box:

- a) Manufacturer's name or trade-mark,
- b) Type of the box, and
- c) Capacity (number of eggs) of the box.

9.1.2 Standard mark

The product may also be marked with the relevant Standard Mark.

9.2 Packing

The hatching boxes may be packed as agreed to between the purchaser and the supplier.

10 Sampling

Unless otherwise agreed to between the purchaser and the supplier, the sampling plan and criteria for conformity shall be as given in Annex A CD-K-636-2010, *Poultry egg fertility tester — Specification*.

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