

CENTRAL MARKS DEPARTMENT – II

Our Ref: CMD-II/16:14543

24 1 2005

**Subject: Guidelines on ensuring conformity of containers used for Packaged Drinking Water**

Packing clause of revised Indian Standard Specification for Packaged Drinking Water, IS 14543:2004 prescribes that ‘Plastic containers’ shall be conforming to IS 15410. In order to uniformly implement the above requirement, following guidelines are issued:

**a) GUIDELINES FOR LICENSEE**

In order to ensure conformity of containers used for Packaged Drinking Water to IS 15410:2003 by the licensee, following guidelines shall be followed:

Type of container	Parameters	Options for mode of conformity	Frequency to be followed by licensee
a) Plastic Jars	i) Overall migration and colour migration as per Clause 6 of IS 14543:2004 & ii) Conformity to IS 15410:2003	i) ‘ISI’ marked ii) Test certificate of conformity by the manufacturer of jars iii) In-house Test Reports of licensee, if facilities exist iv) Outside laboratory Test Report of the samples got tested by licensee v) Combination of the above.	<b>Each consignment</b> of a specific size/ material of jars received by the licensee
b) Plastic Bottles, Glass/ cups	i) Overall migration and colour migration as per Clause 6 of IS 14543:2004 & ii) Conformity to IS 15410:2003	i) ‘ISI’ marked ii) Test certificate of conformity by the manufacturer of plastic bottles, glasses/ cups iii) In-house Test	a) In case bottles, glasses/ cups are received from outside source options as given at i) to v) as given in Column 3 may be followed for any one consignment received during a period of

		Reports of licensee, if facilities exist iv) Outside laboratory Test Report of the samples got tested by licensee v) Combination of the above.	<b>every three months</b> for each capacity, shape and material b) In case bottles, glasses/ cups are manufactured from preforms in licensee's own premises, licensee to ensure conformity of containers through in-house or outside lab testing or combination thereof, for each type/ capacity/ shape/ material once in a period of <b>three months</b> .
c) Plastic cap (closures) of containers	i) Overall migration and colour migration as per Clause 6 of IS 14543:2004 & ii) Conformity to IS 15410:2003	i) Declaration/ certificate w.r.t. food grade quality, as permitted under IS 14543 ii) Test certificate from manufacturer for overall migration and colour migration.	<b>Once in a year</b> for each type/ shape/ size/ material of closure received from each manufacturer.
d) Foil (for sealing of plastic cups/ glasses)	i) Overall migration and colour migration as per Clause 6 of IS 14543:2004 & ii) Conformity to IS 15410:2003	Declaration/ certificate w.r.t. food grade quality of the material used for the plastic film.	<b>Once in a year</b> for each type of material received from each manufacturer.

**Note:** Licensee to keep records for all types of containers and closures received along with the corresponding test certificate/ reports and to be verified by BIS during periodic inspections for adequacy of the system being followed by licensee to control quality of packaging material received, accepted, rejected and method of disposal.

#### **b) GUIDELINES FOR APPLICANTS**

i) In case, test certificate of containers with respect to conformity to IS 15410 is available, sample of each type/ size/ material shall be drawn only for requirement for overall migration and colour migration as per IS 14543 and also for Potability Test as per IS 15410.

ii) In case, test certificate of containers with respect to conformity to IS 15410 is not available, sample shall be drawn for complete testing to establish conformity

of container to IS 15410 and its overall migration and colour migration as per IS 14543.

**Note:-** In case, the applicant submits certificate for conformity to Water Potability Test from an outside lab, the case for grant of licence may be considered without waiting for test report of independent sample, subject to review of the case on receipt of the same. The applicant should submit an undertaking that in case of failure of sample in independent testing, he shall abide by the instructions of BIS for stop marking/ withdrawal of permission to use a particular type of container/ cancellation of licence, as the case may be.

**c) GUIDELINES FOR DRAWAL OF SAMPLES DURING OPERATION OF LICENCE**

BO's shall draw minimum one sample of any type/ size/ material once in a year to establish conformity of containers to IS 15410 and in such a way that all types/ sizes/ material of containers are tested in rotation over a period of time.

**d) GUIDELINES FOR REUSED CONTAINERS**

Licensees are required to ensure use of only such jars whose transparency continues to meet the minimum requirements of 85% as per IS 15410 even after its repeated use. BO may draw sample of reusable container for ascertaining continued suitability over a period of time by getting the same tested for transparency requirement. Every market sample of product water filled in reusable jar shall be got tested for transparency requirement also as per IS 15410. Jars which get deshaped and mutilated during the course of use shall not be permitted. Licensees may be advised in this regard strictly. Further action may be taken as per Operation Manual for Product Certification.

e) The guidelines as at a) above are a part of the STI and the same shall be circulated by BOs to all licensees.

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D&H (CMD II)

**DDGM**

**Circulated to all ROs/BOs/ DDGRs**

