



Regulations

IBC Testing and Repair

If you use UN certified IBC's they must be periodically tested to retain their certification and legality

The Department of Transport recognises IBC's as reusable packaging that can remain in service for many years if regularly tested to UN/ADR requirements. These periodic tests should be carried out every 2.5 and 5 years.

The following extracts are taken from the ADR Regulations.

TESTING, INSPECTION AND REPAIR (ADR)

6.5.4.14 - Testing of individual metal, rigid plastics and composite IBC's

6.5.4.14.1 – These tests shall be carried out as required by the competent authority.

6.5.4.14.2 – Each IBC shall correspond in all respects to its design type.

6.5.4.14.3 – Each metal, rigid plastics and composite IBC for liquids, or for solids which are filled or discharged under pressure, shall be subjected to the leakproofness test, as an initial test (i.e. before the IBC is first used for carriage), after repair, and at intervals not more than two and a half years.

6.5.4.14.4 – The results of tests and the identity of the party performing the tests shall be recorded in the reports to be kept by the owner of the IBC at least until the date of the next test.

6.5.1.6.4 – Inspection: every metal, rigid plastics and composite IBC shall be inspected to the satisfaction of the competent authority.

(a) Before it is put into service, and thereafter at intervals not exceeding five years, with regard to:

- (i) conformity to design type including markings;
- (ii) internal and external condition;
- (iii) proper functioning of service equipment.

Thermal insulation, if any, need be removed only to the extent necessary for a proper examination of the body of the IBC.

(b) at intervals of not more than two and a half years, with regard to:

- (i) external condition;
- (ii) proper functioning of service equipment.

Thermal insulation, if any, need be removed only to the extent necessary for a proper examination of the body of the IBC.

A report of each inspection shall be kept by the owner of the IBC at least until the next inspection. The report shall include the results of the inspection and shall identify the party performing the inspection.

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6.5.1.6.6 – Repaired IBC's

6.5.1.6.6.1 – in addition to any other testing and inspection requirements in ADR, an IBC shall be subjected to the full testing and inspection requirements set out in 6.5.4.14.3 and 6.5.1.6.4 (a), and required report shall be prepared, whenever it is repaired.

6.5.1.6.6.2 – The party performing the tests and inspection after the repair shall durably mark the IBC near the manufacturer's UN design type marking to show:

- (a) the state in which the tests and inspections were carried out;
- (b) the name or authorised symbol of the party performing the tests and the inspection;
- (c) and the date (month, year) of the tests and inspection.

6.5.1.6.7 – The competent authority may at any time require proof, by tests in accordance with this chapter, that IBC's meet the requirements of the design type tests.

Note; (*definition of "Repaired IBC"*)

Means a metal, rigid plastic or composite IBC that, as a result of impact or for any other cause (e.g. corrosion, embrittlement or other evidence of reduced strength as compared to the design type) is restored so as to conform to the design type and to be able to withstand the design type tests. For the purposes of ADR, the replacement of the rigid inner receptacle of a composite IBC with a receptacle conforming to the original manufacturer's specification is considered repair. However, routine maintenance of IBC's is not considered repair.

As the leading manufacturer of multi-trip plastic, metal and composite IBC's in the UK we are committed to ensuring our IBC's remain safe and legal throughout their service life.

Our ITR service is a professional UN testing and repair service to keep your IBC fleet on the road. We will examine your IBC's to ensure that they are safe for use. We will replace any worn parts and then re-certify your IBC's to enable you to return them speedily into your fleet.



Francis Ward Limited

Brook House, 221 Bowling Back Lane, Bradford, BD4 8SJ, UK

Tel: +44 (0)1274 707030 Fax: +44 (0)1274 724704

Email: sales@francisward.com

Website: www.francisward.com