

Spraying equipment for crop protection

Part 8. Specification for induction hoppers

ICS 65.060.40

Confirmed February 2011

NO COPYING WITHOUT BSI PERMISSION EXCEPT AS PERMITTED BY COPYRIGHT LAW

BSI
Documents



Document Sharing Hub

Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee AGE/15, Equipment for crop protection, upon which the following bodies were represented:

- Agricultural Engineers' Association
- British Agrochemicals Association Ltd.
- British Crop Protection Council
- British Plastics Federation
- Health and Safety Executive
- Imperial College of Science and Technology
- Long Ashton Research Station
- Ministry of Agriculture, Fisheries and Food
- National Farmers' Union
- Silsoe Research Institute

This British Standard, having been prepared under the direction of the Engineering Sector Board, was published under the authority of the Standards Board and comes into effect on 15 November 1996

© BSI 1996

Amendments issued since publication

Amd. No.	Date	Text affected

The following BSI references relate to the work on this standard:
Committee reference AGE/15
Draft for comment 95/702596 DC

ISBN 0 580 25869 6

Contents

	Page
Committees responsible	Inside front cover
Foreword	ii
Specification	
1 Scope	1
2 References	1
3 Definitions and abbreviations	1
4 General requirements	1
5 Performance requirements	3
Annexes	
A (normative) Chemical resistance test	4
B (normative) Container rinsing test with induction hoppers	4
C (normative) Loading rate and system leakage tests for induction hoppers	4
D (normative) Measurement of surface contamination with induction hoppers	5
E (normative) Test formulations	5
Figures	
1 Working clearance zone around the induction hopper installed on an agricultural crop sprayer	2
E.1 Plot of viscosity of the test liquid formulation at different strain rates	6
List of references	Inside back cover

Foreword

This Part of BS 6356 has been prepared by Technical Committee AGE/15.

This standard is intended to enhance levels of safety for agricultural operators.

Induction hoppers are a component part of low level filling systems. They are designed to be incorporated into the main liquid flow circuits of agricultural crop sprayers, to facilitate the loading of concentrated plant protection products into sprayers from ground level.

All forms of plant protection products are intended for use with this standard, including liquids, powders, granules, water soluble bags, gels and tablets.

Compliance with a British Standard does not of itself confer immunity from legal obligations.