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NSAI Standards

Irish Standard
I.S. EN 12325-1:1998

Irrigation techniques - Centre pivot and moving lateral systems - Part 1: Presentation of the technical characteristics

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National Foreword

I.S. EN 12325-1:1998 is the adopted Irish version of the European Document EN 12325-1:1998, Irrigation techniques - Centre pivot and moving lateral systems - Part 1: Presentation of the technical characteristics

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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 334 "Irrigation techniques", the secretariat of which is held by AFNOR.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by June 1999, and conflicting national standards shall be withdrawn at the latest by June 1999.

Within its work programme, the CEN/TC 334 requested the CEN/TC 334/WG 2 "Centre pivot and moving laterals" Working Group to prepare the following standard :

prEN 12325-1	Irrigation techniques - Centre pivot and moving lateral systems - Part 1 : Presentation of the technical characteristics

The other parts of this standard are :

prEN 12325-2	Irrigation techniques - Centre pivot and moving lateral systems - Part 2 : Minimum performances and technical characteristics
prEN 12325-3	Irrigation techniques - Centre pivot and moving lateral systems - Part 3 : Terminology and classification
prEN ISO 11545	Agricultural irrigation equipment - Centre-pivot and moving lateral irrigation machines with sprayer or sprinkler nozzles - Determination of uniformity of water distribution

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

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1 Scope

This part of prEN 12325 gives the technical characteristics of the different components elements of fixed or movable pivot and moving lateral systems to be specified by the supplier : general characteristics (structures, advancing, electrical equipment), hydraulic characteristics and sprinkler characteristics.

This standard can be used as a presentation guideline for machine characteristics when replying to a call for tenders or when making delivery to the customer.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

EN 909	1998	Agricultural and forestry machinery - Center pivot and moving lateral types irrigation machines - Safety
prEN 12325-3		Irrigation techniques - Centre pivot and moving lateral systems - Part 3 : Terminology and classification
EN 60034-5	1987	Rotating electrical machines - Classification of degres of protection provided by enclosures for rotating machinery
EN 60439-5	1996	Low-voltage switchgear and controlgear assemblies - Part 5 : Particular requirements for assemblies intended to be installed outdoors in public places - Cable distribution cabinets (CDCs) for power distribution in networks
EN 60529	1992	Degrees of protection provided by enclosures (IP Code)
EN 60811-4-1	1996	Insulating and sheathing materials of electric cables - Common test methods - Part 4 : Methods specific to polyethylene and polypropylene compounds - Section 1 : Resistance to environmental stress cracking - Wrappping test after thermal ageing in air - Measurement of the melt flow index - Carbon black and/or mineral content measurement in PE
CENELEC HD 384-7-705 S1		Electrical installations of buildings - Part 7 : Requirements for special installations or locations - Section 705 : Electrical installations of agricultural and horticultural premises (IEC 364-7-705:1984, modified)

3 Definitions and units

For the purpose of this standard the definitions and units of prEN 12325-3 apply.

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