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National Standards Authority of Ireland

IRISH STANDARD

ENV ISO 10303-1:1995   ICS 35.240.50

INDUSTRIAL AUTOMATION SYSTEMS AND

INTEGRATION - PRODUCT DATA

REPRESENTATION AND EXCHANGE - PART

1 : OVERVIEW AND FUNDAMENTAL

PRINCIPLES (ISO 10303-1 : 1994)

Price Code   H

Údarás um Chaighdeáin Náisiúnta na hÉireann

,

EUROPEAN PRESTANDARD   **ENV ISO 10303-1**

PRÉNORME EUROPÉENNE

EUROPÄISCHE VORNORM   October 1995

ICS 25.040.40

Descriptors: automation, automation engineering, computer applications, industrial products, data, data representation, data exchange, generalities

English version

Industrial automation systems and integration - Product data representation and exchange - Part 1: Overview and fundamental principles (ISO 10303-1:1994)

Systèmes d'automatisation industrielle et intégration - Représentation et échange de données de produits - Partie 1: Aperçu et principes fondamentaux (ISO 10303-1:1994)

This European Prestandard (ENV) was approved by CEN on 1995-08-07 as a prospective standard for provisional application. The period of validity of this ENV is limited initially to three years. After two years the members of CEN will be requested to submit their comments, particularly on the question whether the ENV can be converted into an European Standard (EN).

CEN members are required to announce the existence of this ENV in the same way as for an EN and to make the ENV available promptly at national level in an appropriate form. It is permissible to keep conflicting national standards in force (in parallel to the ENV) until the final decision about the possible conversion of the ENV into an EN is reached.

CEN members are the national standards bodies of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart,36 B-1050 Brussels

Ref. No. ENV ISO 10303-1:1995 E

Foreword

This European Prestandard has been taken over by the Technical Committee CEN/TC 310 "Advanced Manufacturing Technologies" from the work of ISO/TC 184 "Industrial automation systems and integration" of the International Organization for Standardization (ISO).

This European Prestandard has been dealt with by CEN/TC 310/WG 2 "STEP". One of the main objectives of WG 2 is to manage the transposition of the "Initial release" of ISO 10303 (Parts 1, 11, 21, 31, 41, 42, 43, 44, 46, 101, 201 and 203) into ENVs.

The choice of ENVs and not EN has been proposed by WG 2 and accepted by the TC 310 because of the need - at the European specific level - for sufficient period of experimentation to validate the concepts contained in ISO 10303, before the withdrawal of existing standards.

The technical content of this European Prestandard is identical to ISO 10303-1. The document has been submitted to the Formal Vote and was adopted by the CEN members as a European Prestandard.

Any suggestions to improve the content of this European Prestandard should be submitted to one of the members of CEN so that the comments may be passed to CEN/TC 310/WG 2.

The standard exists in English only.

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

Endorsement notice

The text of the International Standard ISO 10303-1:1994 has been approved by CEN as a European Prestandard without any modification.

INTERNATIONAL STANDARD

ISO
10303-1

Industrial automation systems and integration — Product data representation and exchange —

Part 1:
Overview and fundamental principles

Systèmes d'automatisation industrielle et intégration — Représentation et échange de données de produits —

Partie 1: Aperçu et principes fondamentaux

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