



INTERNATIONAL STANDARD ISO 10303-41:2005
TECHNICAL CORRIGENDUM 1

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INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

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

**Part 41:
Integrated generic resource: Fundamentals of product
description and support**

TECHNICAL CORRIGENDUM 1

*Systèmes d'automatisation industrielle et intégration — Représentation et échange de données de produits —
Partie 41: Ressources génériques intégrées: Principes de description et de support de produits*

RECTIFICATIF TECHNIQUE 1

Technical Corrigendum 1 to ISO 10303-41:2005 was prepared by Technical Committee ISO/TC 184, *Industrial automation systems and integration*, Subcommittee SC 4, *Industrial data*.

Introduction

This Technical Corrigendum applies to ISO 10303-41:2005.

The purpose of the modifications to the text of ISO 10303-41:2005 is to correct a type assignment incompatibility problem by redefining a type definition and moving a related type definition from part 108, to complete the set of date and time definitions, and to correct and complete the set of measure definitions corresponding to SI units.

ICS 25.040.40

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Modifications to the text of ISO 10303-41:2005

Pages 159 - 171, 16.4 Date and time entity definitions,

The set of date and time entity definitions was incomplete. To add the required definition of month and year make the following amendments to clause 16.4;

Page 161, 16.4.3 date

Replace the first paragraph of clause 16.4.3 with the following:

A **date** is the identification of a day or week or month in a year.

Remove the existing EXPRESS definition and replace with:

EXPRESS specification:

```

*)
ENTITY date
    SUPERTYPE OF (ONEOF(calendar_date,
                        ordinal_date,
                        week_of_year_and_day_date,
                        year_month));
    year_component : year_number;
END_ENTITY;
(*

```

Page 171, Add the following new clause after clause 16.4.19

16.4.20 year_month

A **year_month** is a type of **date** defined as a month of a year.

EXPRESS specification:

```

*)
ENTITY year_month
    SUBTYPE OF (date);
    month_component : month_in_year_number;
END_ENTITY;
(*

```