



INTERNATIONAL STANDARD ISO 10303-46:1994 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 46:

Integrated generic resources: Visual presentation

TECHNICAL CORRIGENDUM 1

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

Partie 46: Ressources génériques intégrées: Présentation visuelle

RECTIFICATIF TECHNIQUE 1

Technical Corrigendum 1 to International Standard ISO 10303-46:1994 was prepared by Technical Committee ISO/TC 184, *Industrial automation systems and integration*, Subcommittee SC 4, *Industrial data*.

Introduction

This document corrects ISO 10303-46:1994, Product data representation and exchange — Part 46: Integrated generic resources: Visual presentation. The corrected document supersedes ISO 10303-46:1994.

The purpose of the modifications to the text of ISO 10303-46:1994 is to correct errors in the EXPRESS definitions likely to cause a compilation problem, to correct errors in Informal propositions and Formal propositions, to replace the annex for the computer-interpretable EXPRESS with a URL reference, and to replace the object identifier for the document and the schemas.

Modifications to the text of ISO 10303-46:1994

Clause 4, p. 5

*The EXPRESS specification for the **presentation_organization_schema** did not include a reference to required data type. The first required data type is an entity data type, the **annotation_occurrence** for the Formal propositions in **area_dependent_annotation_representation** and **view_dependent_annotation_representation**. The second required data type is an entity data type, the **symbol_representation** for the Formal propositions in **symbol_representation_rule**. The third required data type is an entity data type, the **symbol_representation_relationship** for the Formal propositions in **symbol_representation_rule**. The fourth required data type is an entity data type, the **styled_item** for the Formal propositions in **camera_model** and **light_source**. The fifth required data type is an entity data type, the **founded_item**. It is required to be referenced since it is now a supertype of **view_volume**. Add the following to the EXPRESS specification between the 'SCHEMA presentation_organization_schema;' and the 'REFERENCE FROM presentation_resource_schema':*

```
REFERENCE FROM presentation_definition_schema
  (annotation_occurrence,
   symbol_representation,
   symbol_representation_relationship);
```

```
REFERENCE FROM presentation_appearance_schema
  (styled_item);
```

Delete the following EXPRESS specification:

```
REFERENCE FROM representation_schema
  (item_defined_transformation,
   item_in_context,
   mapped_item,
   representation,
   representation_item,
   representation_map,
   representation_relationship,
   representation_relationship_with_transformation);
```

Replace with the following EXPRESS specification:

```
REFERENCE FROM representation_schema
  (founded_item,
   item_defined_transformation,
   item_in_context,
   mapped_item,
   representation,
   representation_item,
   representation_map,
```