



INTERNATIONAL STANDARD ISO 10303-46:1994 TECHNICAL CORRIGENDUM 2

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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 2

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

Partie 46: Ressources génériques intégrées: Présentation visuelle

RECTIFICATIF TECHNIQUE 2

Technical Corrigendum 2 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 corrigendum applies to ISO 10303-46:1994 as corrected by ISO 10303-46:1994/Cor.1:1999. For the convenience of the user, this corrigendum also includes the content of corrigendum 1.

The purpose of the modifications to the text of ISO 10303-46:1994 is to correct errors in the EXPRESS, to clarify a definition, to correct errors in Informal propositions and Formal propositions, to correct errors identified in the ballot for ISO 10303-518, and to replace the object identifier for the document and the schemas.

Modifications to the text of ISO 10303-46:1994

Clause 2, p. 2

The Normative references require an additional normative reference for the correction identified in clause 7.3.21. Add the following to the list of Normative references:

ISO 3098-0:1977, *Technical product documentation — Lettering — Part 0: General requirements*

Clause 4, p. 5

*The EXPRESS specification of **camera_image_3d_with_scale** and **aspect_ratio**, defined below, requires additional EXPRESS external references. Remove the following:*

```
REFERENCE FROM presentation_resource_schema
  (colour,
   planar_box,
   presentation_scaled_placement);
```

```
REFERENCE FROM measure_schema
  (length_measure,
   positive_plane_angle_measure);
```

Replace with the following:

```
REFERENCE FROM presentation_resource_schema
  (colour,
   planar_box,
   planar_extent,
   presentation_scaled_placement);
```

```
REFERENCE FROM measure_schema
  (length_measure,
   positive_ratio_measure,
   positive_plane_angle_measure);
```

*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':*