



INTERNATIONAL STANDARD ISO 10303-517:2000 TECHNICAL CORRIGENDUM 1

Published 2002-02-01

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

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

Part 517:

Application interpreted construct: Mechanical design geometric presentation

TECHNICAL CORRIGENDUM 1

*Systèmes d'automatisation industrielle et intégration — Représentation et échange de données de produits —
Partie 517: Construction interprétée d'application: Présentation géométrique de conception mécanique*

RECTIFICATIF TECHNIQUE 1

Technical Corrigendum 1 to International Standard ISO 10303-517:2000 was prepared by Technical Committee ISO/TC 184, *Industrial automation systems and integration*, Subcommittee SC 4, *Industrial data*.

Introduction

This document corrects problems identified in ISO 10303-517:2000, Product data representation and exchange — Part 517: Application interpreted construct: Mechanical design geometric presentation.

The purpose of the modifications to the text of ISO 10303-517:2000 is to correct errors identified in the ballot for ISO 10303-518, and to replace the object identifier for the document and the schema.

Modifications to the text of ISO 10303-517:2000

Clause 4, p. 5

*The EXPRESS specification of **camera_image_3d_with_scale**, **draughting_pre_defined_colour**, **draughting_pre_defined_curve_font**, and **aspect_ratio**, have been removed. This require changes in the EXPRESS USE FROM references. Remove the following:*

```
USE FROM measure_schema                                -- ISO 10303-41
    (positive_ratio_measure);

USE FROM presentation_appearance_schema                -- ISO 10303-46
    (curve_style,
     curve_style_font,
     curve_style_font_pattern,
     fill_area_style_colour,
     invisibility,
     over_riding_styled_item,
     point_style,
     pre_defined_curve_font,
     presentation_style_by_context,
     styled_item,
     surface_side_style,
     surface_style_boundary,
     surface_style_control_grid,
     surface_style_fill_area,
     surface_style_parameter_line,
     surface_style_segmentation_curve,
     surface_style_silhouette,
     surface_style_usage,
     u_direction_count,
     v_direction_count);

USE FROM presentation_organization_schema              -- ISO 10303-46
    (background_colour,
     camera_image,
     camera_model_d3,
     camera_usage,
     presentation_area,
     presentation_representation,
     presentation_size,
     presentation_view);

USE FROM presentation_resource_schema                  -- ISO 10303-46
    (colour_rgb,
     planar_box,
     planar_extent,
     pre_defined_colour);

USE FROM representation_schema                        -- ISO 10303-43
    (mapped_item,
     representation);
```

Replace with the following:

```
USE FROM presentation_appearance_schema                -- ISO 10303-46
    (curve_style,
     curve_style_font,
     curve_style_font_pattern,
     draughting_pre_defined_curve_font,
     fill_area_style_colour,
     invisibility,
```