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INTERSTATE COUNCIL FOR STANDARDIZATION. METROLOGY AND CERTIFICATION
(ISC)

ISO/TS 22745-14— 2018

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(ISO/TS 22745-14:2010, IDT)



2019

ISO/TS 22745-14—2018

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5 ISO/TS 22745-14:2010 «
 14. » (ISO/TS 22745-14:2010 «Industrial automation systems and integration — Open technical dictionaries and their application to master data — Part 14: Dictionary query interface». IDT).

ISO/TC 184 « SC 4 «
 (ISO). »

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ISO/TS 22745-14—2018

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ISO/TS 22745-14—2018

(ISO) ISO. ISO. (IEC) ISO/IEC. 2. 75 % ISO (ISO/PAS), ISO. 50 % ISO (ISO/TS), 2/3 ISO/PAS ISO/TS ISO/TC 184 « SC 4 « ISO 22745 »). : http://www.tc184-sc4.org/litles/OTD_Titles.htm. ISO 22745 (); (IG); OTD; () ISO. IEC, OTD ISO 22745 « ISO 10303; V

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ISO 22745 ISO 22745-1.

ISO/TS 29002-20,

OTD. 8

(UML) ISO/TS 29002-20.

(XML),

Schematron ISO/TS 29002-20.

ISO/IEC 19757-3.

Industrial automation systems and integration. Open technical dictionaries and their application to master data.
Part 14. Dictionary query interface

— 2019—09—01

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ISO/TS 29002-20, (OTD). -

1 — ISO/TS 29002-20 (CDRS). -
(SOAP). CDRS. web- (WSDL)

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WSDL SOAP.

2 — ISO/TS 29002-20

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ISO 22745-1 Industrial automation systems and integration — Open technical dictionaries and their application to master data — Part 1: Overview and fundamental principles () 1.

ISO/TS 22745-14—2018

ISO 22745-2 Industrial automation systems and integration — Open technical dictionaries and their application to master data — Part 2: Vocabulary ()

ISO/TS 22745-10 Industrial automation systems and integration — Open technical dictionaries and their application to master data — Part 10: Dictionary representation ()

ISO 22745-13 Industrial automation systems and integration — Open technical dictionaries and their application to master data — Part 13: Identification of concepts and terminology ()

13.)

ISO/TS 29002-20 Industrial automation systems and integration — Exchange of characteristic data — Part 20: Concept dictionary resolution services ()

20.)

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ISO 22745-2.

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ASCII — (American Standard Code for Information Interchange);
 CDRS — no (concept dictionary resolution services);
 DTD — (document type definition);
 HTML — (Hyper Text Markup Language);
 IG — (identification guide);
 IRDI — (international registration data identifier);
 OTD — (open technical dictionary);
 RA — (registration authority);
 RFC — (request for comments);
 SOAP — (Simple Object Access Protocol);
 UML — (Unified Modeling Language);
 URI — (uniform resource identifier);
 URL — (uniform resource locator);
 WSDL — ;
 XML — (Extensible Markup Language).

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5.1

ISO/TS 29002-20.

5.2.

— ISO/TS 29002-20
 IRDI.
 ISO 22745

IRDI.

5.2

5.2.1 concept_search_specification

language_code [0...1] [0...0].
 country_codec [0...1] [0...0].
 language_ref (0...1) [1...1].

— IRD1

ISO 22745-13.

ISO/TS 22745-14—2018

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a) 1 8 29002-20
1 —
ISO/TS 29002-20:

b) ISO/TS 22745-10.
2 — ISO/TS 22745-10 ISO/TS 29002-6.

ISO 22745-1. OTD.

ISO 22745-13.

a) 5:
b) Schematron
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3 — Schematron.

4 — Schematron
web- , 8 .

ISO/TS 22745-14—2018

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{iso standard 22745 part (14) version (1)}.

ISO/IEC 8824-1

ISO 10303-1.

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XML. Schematron. ISO/TS 29002-20

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ISO/TS 22745-14.

.1 — XML.

	HTML	ASCII	URi	-
Schematron	terminology-service-data.sch	terminology-service-data.sch	um:«so:std3so:ts:22745:-14:ed-1.lech: schematron-schema: terminology-service-da la	ISO/TS 22745-14

— «.txt» ASCII

web- «.txt»

.1

.2.

.2 — XML.

	HTML	ASCII	URI	-
XML no -	resolution-service-data.xsd	resolution -service-data .xsd	um:iso:std:iso:ts:29002:-20:ed-1:lech:xml-sche ma resolution-service-data	ISO/FS 29002-20
XML -	terminology-service-data.xsd	terminology-service-data .xsd	um:iso:std:«so:ls:29002:-20:ed-1:lechucml-sche ma terminology-service-data	ISO/TS 29002-20
WSOL	terminology-service.wsdf	terminology-service.wsdl	um:iso:std:iso:ts:29002:-20:ed-1 :tech:web-service:terminology-serviceioe	ISO/TS 29002-20
SOAP	terminology-service -so ap.wstfl	terminology-service-soap.wsdl	um:iso:std:iso:ts:29002:-20:ed-1 tech^veb-service-soap-binding:termcnology-service	ISO/TS 29002-20

ISO/TS 22745-14—2018

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	HTML	ASCII	URI	-
Schematron OTDs	terminology- service-dictionary, sch	terminology- service-dictionary, sch	urn:iso:std:iso:ts:122745:- 40:ed-1 :tech:schematron- schema:catalogue	ISO/TS 22745-10
XML	terminology- service-dictionary, xsd	terminology- service-dictionary, xsd	urn:iso:std:iso:ts:29002:- 6:ed-1:tech:xml- schema:terminology- service-dictionary	ISO/TS 29002-6
XML	ontology-service- data.xsd	ontology-service- data.xsd	urn:iso:std:iso:ts:29002:- 20:ed-1:tech:xml- schema:ontology- service-data	ISO/TS 29002-20
XML	basic.xsd	basic.xsd	urn:iso:std:iso:ts:29002:- 4:ed-1:tech:xml- schema:basic	ISO/TS 29002-4
XML	identifier.xsd	identifier.xsd	urn:iso:std:iso:ts:29002:- 5:ed-1:tech:xml- schema:identifier	ISO/TS 29002-5
	identifier.dtd	identifier.dtd	urn:iso:std:iso:ts:29002:- 5:ed-1 :tech:dtd:identifier	ISO/TS 29002-5

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URL:

[http://www.tc184-sc4.org/implementation information/22745/00014](http://www.tc184-sc4.org/implementation%20information/22745/00014).

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ISO 22745-1	1DT	ISO 22745-1—2016 « . 1. » -
ISO 22745-2		ISO 22745-2—2017 « . 2. » -
ISO/TS 22745-10		ISO/TS 22745-10—2017 « . 10. » -
ISO 22745-13		ISO 22745-13—2017 « . 13. » -
ISO/TS 29002-20	—	
<p>* . -</p> <p>— :</p> <p>- IDT — .</p>		

- (11) ISO 10303 (all parts) Industrial automation systems and integration — Product data representation and exchange
- [2] ISO/TS 29002-4 Industrial automation systems and integration — Exchange of characteristic data — Part 4: Basic entities and types
- (3) ISO/TS 29002-5 Industrial automation systems and integration — Exchange of characteristic data — Part 5: Identification scheme
- (4) ISO/TS 29002-6 Industrial automation systems and integration — Exchange of characteristic data — Part 6: Concept dictionary terminology reference model
- (5j) ISO/IEC 8824-1 Information technology — Abstract Syntax Notation One (ASN.1) — Part 1: Specification of basic notation
- (6) ISO/IEC 19757-3 Information technology — Document Schema Definition Language (DSDL) — Part 3: Rule-based validation — Schematron
- [7] Extensible Markup Language (XML) 1.1 (Second Edition), 2006-08-16. World Wide Web Consortium, 2006

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