BS IEC 61671-6:2016

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Standard for automatic test markup language (ATML) test station description

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National foreword

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Contents

1. Overview 1
1.1 General 1
1.2 Application of this document's annexes 2
1.3 Scope 2
1.4 Application 2
1.5 Conventions used within this document 2

2. Normative references 3

3. Definitions, acronyms, and abbreviations 4
3.1 Definitions 4
3.2 Acronyms and abbreviations 5

4. Schema—TestStationDescription.xsd 6
4.1 General 6
4.2 Elements 6
4.3 Child elements 8
4.4 Complex types 9

5. Schema—TestStationInstance.xsd 10
5.1 General 10
5.2 Elements 10
5.3 Child elements 12
5.4 Complex types 12

6. ATML TestStationDescription XML schema names and locations 14

7. ATML XML schema extensibility 15

8. Conformance 16
8.1 Conformance of a TestStationDescription instance document 16
8.2 Conformance of a TestStationInstance instance document 16

Annex A (informative) IEEE download website material associated with this document 17

Annex B (informative) User's information and examples 18
B.1 Partial automatic test station 18

Annex C (informative) Glossary 21

Annex D (informative) Bibliography 22

Annex E (informative) IEEE List of Participants 23

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Approved 26 March 2015

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Abstract: An exchange format, using extensible markup language (XML), for identifying all of the hardware, software, and documentation associated with a test station is specified in this document. This test station may be used with a test program set to test and diagnose a unit under test.

Keywords: ATML instance document, automatic test equipment (ATE), Automatic Test Markup Language (ATML), automatic test system (ATS), IEEE 1671.6™, test station, XML schema

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This introduction is not part of IEEE Std 1671.6™-2015, IEEE Standard for Automatic Test Markup Language (ATML) Test Station Description.

This child, or dot, standard, also known as an ATML component standard, provides for the definition of the Test Station XML schemas, and contains references to examples; both of which accompany this standard.

These XML schemas provide for the identification and definition of a test station.

ATML's XML schemas define the basic information required within any test application and provide a vehicle for formally defining the test environment by defining a class hierarchy corresponding to these basic information entities and provide several methods within each to enable basic operations to be performed on these entities. ATML component standards within the ATML framework define the particular requirements within the test environment.

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