

# INTERNATIONAL IEEE Std 1671.6™ STANDARD

Standard for automatic test markup language (ATML) test station description  
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[IEC 61671-6:2016](#)

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## Standard for Automatic Test Markup Language (ATML) Test Station Description

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IEEE Std 1671.6-2015

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IEEE Std	FDIS	Report on voting
IEEE Std 1671.6-2015	91/1316/FDIS	91/1340/RVD

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Approved 26 March 2015

**IEEE-SA Standards Board**

**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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## IEEE Introduction

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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