



| PDF/UA Test | Summary Description | How Does This Help the Reader |
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| PDF Syntax | PDF Syntax (what makes a PDF a PDF) applies to ensuring that the way the file was created conforms to all the underlying International Standards. | By complying with the requirements of the ISO standards for both PDF and PDF Accessibility, this allows the developers of adaptive technologies to design their products to interact easier with the PDF files because they're Standards based. |
| Fonts <ul style="list-style-type: none">• Font Embedding• Proper use of font structures | When the file was authored were proper TrueType fonts used, rather than poorly created fonts that don't comply with international standards. | Proper use of fonts ensures that all text based content can be properly interpreted by the adaptive technologies, whereas improper font use can lead to difficulties with reading content. |
| Content <ul style="list-style-type: none">• Tagged content and artifacts• Mapping of text characters to Unicode• Reference Xobjects | This checks to ensure all content has been properly tagged for content that is to be read, and artifacted when content is to be ignored. | The proper tagging of content and the ignoring of decorative and layout based content ensures for easy understanding of content, rather than forcing software to "guess" at what content should be read and what shouldn't. |
| Embedded Files | Checks to ensure embedded files been attached properly to the primary file. | This allows the user to know that additional files have been included within the core PDF file. |
| Natural Language <ul style="list-style-type: none">• Use of Natural Language Settings | This checks whether the primary language of the content in the file has been set, and if there has been a change of language for text within a document, if those specific pieces of content have their respective language set. | Assignment of language allows the adaptive technology to automatically select the correct synthesizer for proper pronunciation of words to the reader. |



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| Structure Elements <ul style="list-style-type: none">• Headings• Notes• Annotations• Figures• Tables | Checks to ensure that Headings have been structured properly, and in order, and has the use of Notes, Annotations and Figures been appropriately applied, and has the structure of tables been structured with proper structuring of rows and columns, particularly with complex tables. | Correct structuring ensures easy navigation of complex content which allows adaptive technologies to skip through content by selecting headings, forms figures and tables which have “Hot Keys” to improve navigation for the reader. |
| Structure Tree <ul style="list-style-type: none">• Proper use of the 42 approved structure types | Checks to ensure compliant tag structures properly applied to content throughout the document. | Known as “semantic markup” these tags are used to convey the role that text plays so that a user who can’t see the layout of the page can understand the context of how paragraphs relate to headings, and how many items are in a list, or how data cells relate to column and row headings in tables. |
| Alternative Descriptions <ul style="list-style-type: none">• Alternate Text for Figures• Alternate Text for Formulas• Alternate Field Names• Alternate descriptions for annotations | Checking to ensure text descriptions have been provided for all tagged content that requires a secondary description to ensure content is conveyed to a user who may not be able to see the content on the page. | ALT-Text descriptions are summary descriptions of non-text based content so a user who may not be able to see the image is able to understand what content is contained within a document, such as charts, or graphs or photographs. These descriptions can also provide instructions for how a form element is to be completed. |



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| Metadata <ul style="list-style-type: none">• PDF/UA Identifier• Document Title Presence• Document Author | Checking the necessary components for technical compliance been embedded as well as for search engine optimization. | Quick identification can advise a user if the file is already tagged and accessible according to the standards within the ISO 14289-1 PDF/UA accessibility requirements. |
| Document Settings <ul style="list-style-type: none">• Document Title Displaying Properly• Document Marked as Tagged• Is the file a Dynamic XFA Form• Accessible Security Settings• Tab order for Form Fields and Annotations | Checking to ensure that the file has been structured properly for when the file is opened, read and navigated by an adaptive technology. | This allows for easier opening and navigation and access to all content within the given file. |