Autodesk Accessibility Conformance Report Revised Section 508 Edition

(Based on VPAT® Version 2.4Rev)

Name of Product/Version: Autodesk Advance Steel 2024

Report Date: March 1, 2023

Product Description: Structural Steel Detailing and Fabrication software

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Notes:

Evaluation Methods Used: Testing is based on general product knowledge.

Applicable Standards/Guidelines

This report covers the degree of conformance for the following accessibility standard/guidelines:

Standard/Guideline	Included In Report
Web Content Accessibility Guidelines 2.0	Level A (Yes)
	Level AA (Yes)
	Level AAA (No)
Revised Section 508 standards published January 18, 2017 and corrected January 22, 2018	(Yes)

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Terms

The terms used in the Conformance Level information are defined as follows:

- **Supports**: The functionality of the product has at least one method that meets the criterion without known defects or meets with equivalent facilitation.
- Partially Supports: Some functionality of the product does not meet the criterion.
- **Does Not Support**: The majority of product functionality does not meet the criterion.
- Not Applicable: The criterion is not relevant to the product.
- Not Evaluated: The product has not been evaluated against the criterion. This can be used only in WCAG 2.0 Level AAA.

WCAG 2.0 Report

Tables 1 and 2 also document conformance with Revised Section 508:

- Chapter 5 501.1 Scope, 504.2 Content Creation or Editing
- Chapter 6 602.3 Electronic Support Documentation

Note: When reporting on conformance with the WCAG 2.0 Success Criteria, they are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the WCAG 2.0 Conformance Requirements.

Table 1: Success Criteria, Level A

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Electronic Docs: Not Applicable Software: Partially Supports Authoring Tool:	Web: Electronic Docs: Software: Authoring Tool:
1.2.1 Audio-only and Video-only (Prerecorded) (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Electronic Docs: Supports Software: Not Applicable Authoring Tool:	Web: Electronic Docs: Software: Authoring Tool:
1.2.2 Captions (Prerecorded) (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Electronic Docs: Supports Software: Not Applicable Authoring Tool:	Web: Electronic Docs: Software: Authoring Tool:
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Electronic Docs: Supports Software: Not Applicable Authoring Tool:	Web: Electronic Docs: Software: Authoring Tool:
1.3.1 Info and Relationships (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool)	Web: Electronic Docs: Not Applicable Software: Partially Supports Authoring Tool:	Web: Electronic Docs: Software: Authoring Tool:

Conformance Level	Remarks and Explanations
Web: Electronic Docs: Not Applicable Software: Not Applicable Authoring Tool:	Web: Electronic Docs: Software: Authoring Tool:
Web: Electronic Docs: Supports Software: Partially Supports Authoring Tool:	Web: Electronic Docs: Software: Authoring Tool:
Web: Electronic Docs: Not Applicable Software: Supports Authoring Tool:	Web: Electronic Docs: Software: Authoring Tool:
Web: Electronic Docs: Supports Software: Not Applicable Authoring Tool:	Web: Electronic Docs: Software: Authoring Tool:
Web: Electronic Docs: Not Applicable Software: Partially Supports Authoring Tool:	Web: Electronic Docs: Software: Authoring Tool: Web:
	Web: Electronic Docs: Not Applicable Software: Not Applicable Authoring Tool: Web: Electronic Docs: Supports Software: Partially Supports Authoring Tool: Web: Electronic Docs: Not Applicable Software: Supports Authoring Tool: Web: Electronic Docs: Supports Authoring Tool: Web: Electronic Docs: Supports Software: Not Applicable Authoring Tool: Web: Electronic Docs: Not Applicable Software: Partially Supports

Criteria	Conformance Level	Remarks and Explanations
Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Electronic Docs: Software: Authoring Tool:	Electronic Docs: Software: Authoring Tool:
2.2.1 Timing Adjustable (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Electronic Docs: Not Applicable Software: Not Applicable Authoring Tool:	Web: Electronic Docs: Software: Authoring Tool:
 2.2.2 Pause, Stop, Hide (Level A) Also applies to: Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Web: Electronic Docs: Not Applicable Software: Supports Authoring Tool:	Web: Electronic Docs: Software: Authoring Tool:
2.3.1 Three Flashes or Below Threshold (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Electronic Docs: Not Applicable Software: Not Applicable Authoring Tool:	Web: Electronic Docs: Software: Authoring Tool:
 2.4.1 Bypass Blocks (Level A) Also applies to: Revised Section 508 501 (Web)(Software) – Does not apply to non-web software 504.2 (Authoring Tool) 602.3 (Support Docs) – Does not apply to non-web docs 	Web: Electronic Docs: Not Applicable Authoring Tool:	Web: Electronic Docs: Authoring Tool:
2.4.2 Page Titled (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software)	Web: Electronic Docs: Supports Software: Supports	Web: Electronic Docs: Software: Authoring Tool:

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Criteria	Conformance Level	Remarks and Explanations
504.2 (Authoring Tool)602.3 (Support Docs)		
2.4.3 Focus Order (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Electronic Docs: Not Applicable Software: Not Applicable Authoring Tool:	Web: Electronic Docs: Software: Authoring Tool:
 2.4.4 Link Purpose (In Context) (Level A) Also applies to: Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Web: Electronic Docs: Supports Software: Not Applicable Authoring Tool:	Web: Electronic Docs: Software: Authoring Tool:
3.1.1 Language of Page (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Electronic Docs: Not Applicable Software: Not Applicable Authoring Tool:	Web: Electronic Docs: Software: Authoring Tool:
3.2.1 On Focus (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Electronic Docs: Not Applicable Software: Supports Authoring Tool:	Web: Electronic Docs: Software: Authoring Tool:
3.2.2 On Input (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Electronic Docs: Not Applicable Software: Supports Authoring Tool:	Web: Electronic Docs: Software: Authoring Tool:

Criteria	Conformance Level	Remarks and Explanations
3.3.1 Error Identification (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Electronic Docs: Not Applicable Software: Supports Authoring Tool:	Web: Electronic Docs: Software: Authoring Tool:
3.3.2 Labels or Instructions (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Electronic Docs: Not Applicable Software: Supports Authoring Tool:	Web: Electronic Docs: Software: Authoring Tool:
4.1.1 Parsing (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Electronic Docs: Not Applicable Software: Not Applicable Authoring Tool:	Web: Electronic Docs: Software: Authoring Tool:
4.1.2 Name, Role, Value (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Electronic Docs: Not Applicable Software: Supports Authoring Tool:	Web: Electronic Docs: Software: Authoring Tool:

Table 2: Success Criteria, Level AA

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA)	Web:	Web:
Also applies to:	Electronic Docs: Supports	Electronic Docs:

Criteria	Conformance Level	Remarks and Explanations
Revised Section 508	Software: Not Applicable	Software:
• 501 (Web)(Software)	Authoring Tool:	Authoring Tool:
• 504.2 (Authoring Tool)		
602.3 (Support Docs)		
1.2.5 Audio Description (Prerecorded) (Level AA)		
Also applies to:	Web:	Web:
Revised Section 508	Electronic Docs: Supports	Electronic Docs:
501 (Web)(Software)	Software: Not Applicable	Software:
 504.2 (Authoring Tool) 	Authoring Tool:	Authoring Tool:
602.3 (Support Docs)		
1.4.3 Contrast (Minimum) (Level AA)		
Also applies to:	Web:	Web:
Revised Section 508	Electronic Docs: Supports	Electronic Docs:
501 (Web)(Software)	Software: Partially Supports	Software: See Remarks and Explanations for 503.2.
• 504.2 (Authoring Tool)	Authoring Tool:	Authoring Tool:
602.3 (Support Docs)		
1.4.4 Resize text (Level AA)		
Also applies to:	Web:	Web:
Revised Section 508	Electronic Docs: Supports	Electronic Docs:
 501 (Web)(Software) 	Software: Supports	Software: See Remarks and Explanations for 503.2.
 504.2 (Authoring Tool) 	Authoring Tool:	Authoring Tool:
602.3 (Support Docs)		
1.4.5 Images of Text (Level AA)		
Also applies to:	Web:	Web:
Revised Section 508	Electronic Docs: Supports	Electronic Docs:
 501 (Web)(Software) 	Software: Supports	Software:
• 504.2 (Authoring Tool)	Authoring Tool:	Authoring Tool:
602.3 (Support Docs)		
2.4.5 Multiple Ways (Level AA)		
Also applies to:	Web:	Web:
Revised Section 508	Electronic Docs: Supports	Electronic Docs:
• 501 (Web)(Software) – Does not apply to non-web software	Authoring Tool:	Authoring Tool:
• 504.2 (Authoring Tool)		

Criteria	Conformance Level	Remarks and Explanations
602.3 (Support Docs) – Does not apply to non-web docs		
2.4.6 Headings and Labels (Level AA)		
Also applies to:	Web:	Web:
Revised Section 508	Electronic Docs: Supports	Electronic Docs:
• 501 (Web)(Software)	Software: Partially Supports	Software: See Remarks and Explanations for 502.3.12.
• 504.2 (Authoring Tool)	Authoring Tool:	Authoring Tool:
602.3 (Support Docs)		
2.4.7 Focus Visible (Level AA)		
Also applies to:	Web: Electronic Docs: Not	Web:
Revised Section 508	Applicable Software:	Electronic Docs:
• 501 (Web)(Software)	Supports Authoring Tool:	Software: See Remarks and Explanations for 502.3.12.
• 504.2 (Authoring Tool)	Supports / tatrioring 1001.	Authoring Tool:
602.3 (Support Docs)		
3.1.2 Language of Parts (Level AA)	Web:	
Also applies to:	Electronic Docs: Not	Web:
Revised Section 508	Applicable	Electronic Docs:
• 501 (Web)(Software)	Software: Does Not Support	Software:
• 504.2 (Authoring Tool)	Authoring Tool:	Authoring Tool:
• 602.3 (Support Docs)	0 1	
3.2.3 Consistent Navigation (Level AA)		
Also applies to:	Web:	Web:
Revised Section 508	Electronic Docs: Not	Electronic Docs:
• 501 (Web)(Software) – Does not apply to non-web software	Applicable	Authoring Tool:
• 504.2 (Authoring Tool)	Authoring Tool:	
602.3 (Support Docs) – Does not apply to non-web docs		
3.2.4 Consistent Identification (Level AA)		
Also applies to:	Web:	Web:
Revised Section 508	Electronic Docs: Not	Electronic Docs:
• 501 (Web)(Software) – Does not apply to non-web software	Applicable	Authoring Tool:
• 504.2 (Authoring Tool)	Authoring Tool:	_
• 602.3 (Support Docs) – Does not apply to non-web docs	 	
3.3.3 Error Suggestion (Level AA)	Web:	Web:

Criteria	Conformance Level	Remarks and Explanations
Also applies to:	Electronic Docs: Not	Electronic Docs:
Revised Section 508	Applicable	Software:
• 501 (Web)(Software)	Software: Supports	Authoring Tool:
 504.2 (Authoring Tool) 	Authoring Tool:	
• 602.3 (Support Docs)		
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Electronic Docs: Not Applicable Software: Not Applicable Authoring Tool:	Web: Electronic Docs: Software: Authoring Tool:

Table 3: Success Criteria, Level AAA

Notes: Not Applicable.

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Notes:

Chapter 3: Functional Performance Criteria (FPC)

Criteria	Conformance Level	Remarks and Explanations
		The application supports assistive
302.1 Without Vision	Partially Supports	technologies with minor exceptions such
		as reading tooltips.
		No audio is available in the product.
302.2 With Limited Vision	Course a set a	Keyboard navigation is provided for all
Supports Supports	Supports	menu commands. A command line enables
		the user to type in commands and other

Criteria	Conformance Level	Remarks and Explanations
		input. This text input can be enlarged through product options. Microsoft Active Accessibility applications such as Narrator can be used to access the particulars of the components of a form or dialog box
302.3 Without Perception of Color	Supports	Color-coding is not used as the only means of conveying information. The user can enter a color index or, in certain cases, an RGB value. Users can also use predefined named colors as described by PANTONE®, RAL, and DIC® color systems.
302.4 Without Hearing	Supports	does not hearing in order to operate the software.
302.5 With Limited Hearing	Supports	see Remarks and Explanations for 302.4.
302.6 Without Speech	Supports	P does not require user speech in order to operate the software
302.7 With Limited Manipulation	Supports	Keyboard navigation is provided
302.8 With Limited Reach and Strength	Supports	See Remarks and Explanations for 302.7.
302.9 With Limited Language, Cognitive, and Learning Abilities	Supports	See Remarks and Explanations for 302.6.

Chapter 4: Hardware

Notes: Not Applicable.

Chapter 5: Software

Criteria	Conformance Level	Remarks and Explanations
501.1 Scope – Incorporation of WCAG 2.0 AA	See WCAG 2.x section	See information in WCAG 2.x section
502 Interoperability with Assistive Technology	Heading cell – no response required	Heading cell – no response required
502.2.1 User Control of Accessibility Features	Sunnorts	Advance Steel participates in Accessibility
		features provided by the operating system.

Criteria	Conformance Level	Remarks and Explanations
502.2.2 No Disruption of Accessibility Features	Supports	Testing has indicated that the Advance Steel software program does not disrupt the accessibility features on the user's system.
502.3 Accessibility Services	Heading cell – no response required	Heading cell – no response required
502.3.1 Object Information	Partially Supports	Color-coding is not used as the only means of conveying information. The user can enter a color index or, in certain cases, an RGB value. Users can also use predefined named colors as described by PANTONE®,RAL, and DIC® color systems. When setting an incorrect connection parameter, the Connection boxes turns to red. As workaround the code check button doesn't work in this case. Marked objects can be displayed when using Select marked objects from Tool Palette and use Show only selected objects; this button can also be used to
502.3.2 Modification of Object Information	Partially Supports	See Remarks and Explanations for 502.3.1.
502.3.3 Row, Column, and Headers	Partially Supports	See Remarks and Explanations for 502.3.1.
502.3.4 Values	Partially Supports	See Remarks and Explanations for 502.3.1.
502.3.5 Modification of Values	Partially Supports	See Remarks and Explanations for 502.3.1.
502.3.6 Label Relationships	Partially Supports	See Remarks and Explanations for 502.3.1.
502.3.7 Hierarchical Relationships	Partially Supports	See Remarks and Explanations for 502.3.1.
502.3.8 Text	Supports	
502.3.9 Modification of Text	Supports	
502.3.10 List of Actions	Does Not Support	
502.3.11 Actions on Objects	Partially Supports	Keyboard navigation is provided for most Autodesk Advance Steel commands.

Criteria	Conformance Level	Remarks and Explanations
502.3.12 Focus Cursor	Supports	Focus is programmatically exposed through the command line scripting, Microsoft Visual Basic® for Applications (VBA), and the C++
502.3.13 Modification of Focus Cursor	Supports	See Remarks and Explanations for 502.3.12.
502.3.14 Event Notification	Supports	
502.4 Platform Accessibility Features	Partially Supports	See Remarks and Explanations for 502.3.1
503 Applications	Heading cell – no response required	Heading cell – no response required
503.2 User Preferences	Partially Supports	Application does not override contrast and color selections. Testing shows that the application performs well under highcontrast settings. The user can also change color settings. The user has the ability to customize the application window.
503.3 Alternative User Interfaces	Not Applicable	
503.4 User Controls for Captions and Audio Description	Heading cell – no response required	Heading cell – no response required
503.4.1 Caption Controls	Not Applicable	
503.4.2 Audio Description Controls	Not Applicable	
<u>504 Authoring Tools</u>	Heading cell – no response required	Heading cell – no response required
504.2 Content Creation or Editing (if not authoring tool, enter "not applicable")	See WCAG 2.x section	See information in WCAG 2.x section
504.2.1 Preservation of Information Provided for Accessibility in Format Conversion	Not Applicable	
504.2.2 PDF Export	Not Applicable	
504.3 Prompts	Not Applicable	
504.4 Templates	Not Applicable	

Chapter 6: Support Documentation and Services

Notes:

Criteria	Conformance Level	Remarks and Explanations
601.1 Scope	Heading cell – no response required	Heading cell – no response required
602 Support Documentation	Heading cell – no response required	Heading cell – no response required
602.2 Accessibility and Compatibility Features	Supports	This document is posted at www.autodesk.com. Search for "Section 508".
602.3 Electronic Support Documentation	See WCAG 2.x section	See information in WCAG 2.x section
602.4 Alternate Formats for Non-Electronic Support Documentation	Supports	Support documentation is available online and in downloadable form.
603 Support Services	Heading cell – no response required	Heading cell – no response required
603.2 Information on Accessibility and Compatibility Features	Supports	This document is posted at www.autodesk.com. Search for "Section 508".
603.3 Accommodation of Communication Needs	Supports	Support services options are available via web page, email, and by phone. Direct, in person, support is also available through resellers.

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