STATE OF NEVADA ADA REMEDIATION GUIDE

REV. 12/30/20 - EITS WEB TEAM

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SETUP ADA TOOLS

ADOBE ACROBAT PRO IS REQUIRED TO REMEDIATE PDF DOCUMENTS (ADOBE READER WILL

Select and Add Remediation Tools

This section will explain how to set up pre-set remediation tools in the far-left tool panel

1) Select the Tools option from the Adobe menu.

A. Select "Tools".



Add Accessibility Tools Right Side

2) Click the Add button associated with the following seven Adobe tools. This will make the tools available for quick access in the far-right tool panel. The functionality of these tools will be explained later in this guide. (Add internal document link to appropriate section?) if the Add button says "Open", that indicates that the tool has already been added.

- 1. Accessibility
- 2. Action Wizard
- 3. Edit PDF
- 4. Organize Pages
- 5. Scan & OCR Note: Replace visual also
- 6. Optimize PDF
- 7. Prepare Form

Note: if the short cut has already been added, the message under the tool icon will be "Open". If the short cut has not been added, the message under the tool icon will be "Add".

Add Accessibility Tools Right Side (continued)



AFTER YOU HAVE ADDED THE REMEDIATION TOOLS, THEY WILL BE LOCATED ON THE RIGHT PANEL FOR FUTURE USE

Add Accessibility Tools Left Side

This section will explain how to set up remediation tools in the far-left tool panel.

- 1. Open a PDF
- 2. To display the left side tool panel, check the open arrow located in the middle of the far-left tool panel.
- 3. Using a keyboard mouse, Right click on the left side of Adobe Acrobat Pro DC:

Add Accessibility Tools Left Side (continued)



- 1. The following default tools will display:
- 2. Page Thumbnails (first tool in in the panel)
- 3. Bookmarks (second tool in the panel)
- 4. Attachments (third tool in the panel)

Add Accessibility Tools Left Side (continued)

The following three tools that are added to the left side of Adobe Acrobat Pro and will help with remediating a PDF document. The three tools to add:

- 1. Content
- 2. Order
- 3. Tags



Add the Content, Order and Tags tools to the left-hand tool panel

- 1) Expand the left-hand tool pane by clicking the expansion arrow (described above)
- 2) Right-click in any empty space in expanded panel
- 3) Click on the name of the tool that you want to add
- 4) Repeat steps 2 and 3 to add additional tools

ADOBE ACROBAT PDF

1-First three Steps in remediation a PDF:

ALWAYS TRY TO REMEDIATE THE SOURCE FIRST (WORD, EXCEL, POWERPOINT, ETC) BEFORE YOU TRY TO REMEDIATE THE PDF- THIS WILL ELIMINATE A LOT OF ISSUES AND MAKE REMEDIATION A LOT EASIER AND CLEANER

Document Title

The Suggested first step to remediate a document is to confirm that the document has a title, or to create a title if there is no title. Note that if the source document (i.e. Word, Excel, PowerPoint) has a title, the PDF will have a title. If not, one will need to be added to the PDF.

Creating/Confirming a Document Title

The first step in creating a compliant PDF is to give your document a title instead of a file name.

- 1. Click on "File" at the top of the menu bar.
- 2. Select "Properties" to open the Document Properties window.
- 3. View the Description tab to determine if the document has a title and/or if the title is an appropriate description of the document

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1-First three Steps in remediation a PDF (continued)

Creating/Changing a Title

If there is no title, or if the title does not provide an accurate description of the document perform the following steps:

- Select the "description" tab. If there is no text in the Title box, a document name will need to be added. Please note that the text displayed in the Title field will be the name of the document provided to users of assistive technology.
- 2. If there is text in the Title box confirm that it is an accurate/relevant title. If it is not an accurate title, or if there is no title input the title in the "Title" field.

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3. Click the OK button

1-First three Steps in remediation a PDF (continued)

Setting PDF to Document Title

Changing or confirming the document title is set

- 1) When adding a Title to you document, you must also change the Metadata from File Name to Document Title.
 - a. Click on the "Initial View" tab in the "Document Properties" window.
 - b. Confirm that the value displayed in the "Show" field is "Document Title. If the "Show" dropdown menu is set to "File Name" change this to "Document Title"

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1-First three Steps in remediation a PDF (continued)

Setting or confirming the Language in PDF

Screen reader technology will read the document to the user in the language set for the document. A document can only have one language setting. The steps to set the correct language in a PDF are:

- A. Click on the "Advanced" tab in the Document Properties window.
- **B.** Choose the "Language dropdown" and Confirm that the language in the Reading Options section of the tab is correct.
- **C.** Click the "OK button to save any changes to the PDF title or language.

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2-Perform Manual Accessibility Check

- 1) Open the PDF in Adobe.
- 2) Click on Accessibility icon on the right of the screen.



3. If this icon is not displayed in the right-hand menu bar see "Adding Tools for Remediation" (If we say this, the images below will not be needed. They have been previously added to the guide.

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2-Perform Manual Accessibility Check (continued)

4. Click on the "Accessibility Check" link to open the Accessibility Checker Options window.



5. Confirm that the "All pages in document" radio button is selected.

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✓ Create accessibility report Folder: C:\Users\rshrader\Documents ⊆hoose □ Attach report to document
Attach report to document
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Checking Options (32 of 32 in all categories)
Category: Forms, Tables and Lists
Document
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All form Alternate Text and Headings
TR must be a child of Table, THead, TBody, or TFoot
☑ TH and TD must be children of TR
☑ Tables must have headers
Tables must contain the same number of columns in each row and rows in each column
✓ Tables must have a summary
✓ LI must be a china with
✓ Lbl and LBody must be children of LI
Sglect All Clear All
Show this dialog when the Checker starts
Help Start Checking Cancel

2-Perform Manual Accessibility Check (continued)

6. Confirm that the Checking Options displays "(32 of 32 in all categories)".

Checking Options (32 of 32 in all categories)
Category: Forms, Tables and Lists
✓ All form fields are tagged
All form fields have description
TR must be a child of Table, THead, TBody, or TFoot
✓ TH and TD must be children of TR
Tables must have headers
Tables must contain the same number of columns in each row and rows in each column
Tables must have a summary
☑ LI must be a child of L
Lbl and LBody must be children of Ll

- 7) If Checking Options displays "(31 of 32 in all categories)" perform the following steps:
 - a. Click on the Category dropdown menu
 - b. Select Form, Tables and Lists
 - c. Click on any of the unchecked Check Boxed
 - 8. Click on the "Start Checking" button to run the accessibility check.

Checking Options (32 of 32 in all categories)											
Category: Forms, Tables and Lists											
All form fields are tagged											
✓ All form fields have description											
TR must be a child of Table, THead, TBody, or TFoot											
✓ TH and TD must be children of TR											
Tables must have headers											
Tables must contain the same number of columns in each row and rows in each column											
Tables must have a summary											
✓ LI must be a child of L											
Lbl and LBody must be children of Ll											
Select All Clear All											
Show this dialog when the Checker starts											
Help Start Checking Cancel											

2-Perform Manual Accessibility Check (continued)

Manual Accessibility Check Results

The results of the accessibility check will be immediately available in the Accessibility Checker panel. This panel will automatically open on the left-hand side of the page after the check is completed.

All compliance issues that Adobe can identify will display in the Accessibility Checker window. Please note that not all accessibility issues can be identified with the Adobe accessibility checker.

In order to view the issues that need to be remediated in the document, open the carrot to the left of each issue listed in the Accessibility window.



Instructions on how to remediate most issues will be provided later in this guide.

3-Identify and Fix Errors in Document

Finding all Errors on PDF page

Running the Accessibility checker will give results of all errors found throughout the entire document. In order to make a document compliant, all errors must be corrected.

- A. Select the "Element".
- **B.** The PDF error will highlight on the page when selecting the Element.

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3-Identify and Fix Errors in Document (continued)

Tagging Images

All Images, Tables, and Unidentified content must be tagged in a PDF document to make it compliant. Screen reader technology will read an image and the image description is what is read back to the user.

- A. Select "Reading Order".
- B. Hold down the left click on the mouse and enclose the Image until it is completely highlighted.
- C. Right click and select "Tag as a Figure".



3-Identify and Fix Errors in Document (continued)

Alternative Text

Alternative text should be provided with all visual content: pictures, clip art, tables, shapes, groups, charts, embedded objects, ink, and videos.

- A. Right-click on "Figure"
- B. Select "Edit Alternate Text".
- **C.** Add a description to the "Figure".
- **D.** Select "OK" to save changes.



4-Headings

HEADINGS ARE A NAVIGATION TOOL THAT HELP ORGANIZE A DOCUMENT AND INFORM THE READER OF WHAT IT CONTAINS. JUST LIKE NEWSPAPER HEADINGS, DOCUMENT HEADINGS TELL THE USER WHT TYPE OF CONTENT FOLLOWS. FOR AN ASSISTIVE TECHNOGY (AT) USER, HEADING ARE ESSENTIAL IN DIVIDING CONTENT INTO EASILY UNDERSTOOD SECTIONS. A PERSON USING AT DEVICES CAN CHOOSE TO MOVE THROUGH A DOCUMENT READING NLY THE HEADINGS TO TELL THEM WHAT IT CONTAINS. WITHOUT HEADINGS, A PERSON READING A DOCUMENT CANNOT FIND SPECIFIC INFORAMTION WITHOUT READING

Adding Headings to a PDF

- 1. Select "Reading Order" found under the Accessibility tool.
- **2.** Encapsulate the text by holding down the left click of the mouse and covering all text until it is completely highlighted.
- **3.** Right click the mouse and select the "Heading" in the reading order tools or click on the desired heading in the Reading Order window.



AN H1 HEADING IS REQUIRED ON A DOCUMENT

To set an H1 heading on the first page is required to pass accessibility and this is a new standard set by WCAG 2.1 to pass accessibility. To set the heading:

1. Click on the "Content" icon on the far-left menu bar (see Adding Remediation Tools).



- 2. Verify that the document has an H1 heading on page 1.
 - a. Select the dropdown on page 1.
 - b. Verify that there is a H1 on page 1.

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Incorrect Headings

Changing the Structure of headings- Appropriate Nesting – Failed This issue will display when headings are out of order or if a heading is missing in a sequence. For example, in the following sequence an H3 Heading missing: H1, H2, H4.

If the Accessibility check indicates there is a Headings issue:

- **A.** Click on the carrot to the left of the error, in the far-left accessibility tool panel until all components of the error are displayed.
- B. Select each "Element"



- C. Right click on each Element associated with this issue.
- **D.** Select the "Show in Tags Panel" option to automatically navigate to the Tags Panel in the far-left remediation panel. The Header causing the issue will be highlighted in this panel.
- E. Right click and choose "Delete Selected Material or
- F. Click on the highlighted heading in the Tags panel and click the "Delete" key on the keyboard



5-Tagging Content

What are Tags?

TAGS ARE DIGITAL LABELS THAT PROVIDE INFORMATION TO ASSISTIVE TECHNOLOGY (AT) USERS ABOUT WHAT ELEMENTS THE DOCUMENT CONTAINS. THESE CAN INCLUDE HEADINGS, IMAGES, TABLES, LISTS, LINKS, ETC. TAG ALSO TELL AT USERS WHERE THESE VARIOUS ELEMENTS BELONG IN THE ORDER OF THE DOCUMENT. TAGS PROVIDE IN A HIERARCHY (OR, "OUTLINE") OF HOW A DOCUMENT SHOULD BE RED AND THEY PROVIDE STRUCTURE. TAGS INFORM AT USERS ABOUT WHAT THEY ARE READING AND HELP THEM TO NAVIGATE AND MOVE THROUGH THE CONTENT WITHIN A DOCUMENT

All Images, Tables, and Unidentified content must be tagged in a PDF document to make it compliant.

The following sections provide instruction on how to tag different types of document elements. Tagging is used to correct numerous issues identified by Siteimprove.

TO IDENTIFY AND/OR TAG ANY ELEMENT IN A DOCUMENT, THE READING ORDER WINDOW MUST BE OPENED. THE RADING ORDER WINDOW ALSO ALLOWS THE REMEDIATOR TO VIEW THE ORDER IN WHICH ELEMENTS IN A DOCUMENT WILL BE READ BY THE AT USER.

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To open the Reading Order Window

5-Tagging Content (continued)

Tagging Images - After opening the Reading Order Window

- **D.** Hold down the left click on the mouse and encapsulate the Image until it is completely highlighted.
- **E.** Right click and select "Tag as a Figure" or click the "figure" button in the Reading Order Window.

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	✓ Show page con	tent groups		ATE: January 23, 2018 (Tuesday) at			Tag as heading <u>1</u>					
	Page content	order		1.001.01			Tag as heading <u>2</u>					
	 Structure type 	S		d of Oriental N	fedicine will conduct a	publi	Tag as heading <u>3</u>					
	Show table cell	S		1. 555 East Wa	shington Ave., Room #	4500	Tag as heading 4					
	Display like ele	ments in a single	block	712) 775-7031	Access code: 582-767-	536#	Tag as heading 5					
Show tables and figures					AGENDA		Tag as heading 5					
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	Help		Close	The Board may c	ombine two or more agenda	items	Tag as note (<u>z</u>)				v	

5-Tagging Content (continued)

Adding Alternative text to images

Alternative text must be added to all visual content: pictures, clip art, tables, shapes, groups, charts, embedded objects and links.

- E. Right-click on "Figure"
- F. Select "Edit Alternate Text".
- G. Add a description to the "Figure".
- H. Select "OK" to save changes.



5-Tagging Content (continued)

Tagging Text

Identifying and tagging specific elements enables AT uses to more effectively navigate through the document.

The following are instructions for tagging document text.

Select "Reading Order" found under the Accessibility tool.

- **A.** Encapsulate the text by holding down the left click of the mouse and covering all text until it is completely highlighted.
- B. Right click on the mouse and select "Tag as text/paragraph" option
- **C.** Click the Text/Paragraph in the Reading Order Window (opened by clicking the Reading Order Icon)



6-Tagged Annotations – Failed/Hyperlinks

Artifact Elements in content panel-Can this be changed as this issue is not addressed until later in the document?

A" Tagged Content Failed" error will display (after the Accessibility Check) has been run is any text in the document that has not been tagged as text.

To correct this error:

Click on the carrot to the left of the error, in the far-left accessibility tool panel until all components of the error are displayed.

Select each "Element" in the left-hand accessibility tool panel.

- A. Right click on each Element associated with this issue.
- **B.** Select the "Show in Content Panel" option to automatically navigate to the Content Panel in the far-left remediation panel. The text causing the issue will be highlighted in this panel.
- C. Right click and choose "Delete Selected Material" or
- D. Click on the highlighted text in the Content panel and click the "Delete" key on the keyboard



6-Tagged Annotations – Failed/Hyperlinks (continued)

Artifact Elements in content panel



29

6- Annotations – Failed/Hyperlinks (continued)

Tagging Hyperlinks

All hyperlinks in a PDF will need to be identified to make the document ADA compliant. There are multiple steps in this process.

- A. Select the element in the Accessibility panel.
- **B.** Confirm that the highlighted error is a link.
- **C.** Right-click on the "Element" in the Accessibility panel and choose "Show in Content Panel" to display where the link resides in the content panel.



6- Annotations Failed/ Hyperlinks (continued)

Hyperlinks Continued

To find Unmarked Links in a PDF you must search for them using the Find Element option.

- **A.** Find the highlighted link in the content panel and Right-click on the highlighted Link.
- B. Select "Find" and it will open the "Find Element" search window.
- C. Select "Unmarked Links" option from the find element dropdown menu.
- **D.** Click "Find" to search for the unmarked hyperlink. The hyperlink will highlight in the document.



6-Tagged Annotations Failed/ Hyperlinks (continued)

Adding text to Unmarked Links

Adding text to hyperlinks in a PDF document will give users a better description of the link and the link will be read as the description instead of the URL.

- **A.** The location of the Hyperlink after the search has finished.
- **B.** Choose the "Tag Element" option to open the New Tag window.
- C. Choose link option in the type dropdown menu in the New Tag window
- **D.** Give the hyperlink a descriptive title to let the user know where the hyperlink takes the user.
- E. Click "ok" to save the changes and repeat this process for all unmarked hyperlinks.

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ß	✓ 1 2018-01-23-Agenda.pdf ✓ 1 Page 1		Meile Lok, Executive Director			E Reading Options								
Q	Annotations		Find Element			Accessibility Check								
	> 🙀 Container <artifact> PathPath</artifact>		Find: Unmarked Links			Accessibility Report								
Z	🚔 Container <artifact></artifact>		Type:			Identify Form Fields								
50	> 🙀 Container <p> Brian Sandoval, Governor</p>		Search Document			Set Alternate Text								
\lor	> 😝 Container <figure> Image (205); w:246 h:250</figure>		Find Next Tag Element Close 5, NV 89101.		•	Setup Assistant								
	> 🧃 Container <p> Maggie Tracey, O.M.D., Presiden</p>		AGENDA STACKED AGENDA: Below is an agenda of all items scheduled to be considered by the Board. Unless			📸 Reading Order								
	> 🚔 Container <p> STATE OF NEVADA BOARD OF C</p>		onerwave stated, term may be taken out or the other presented on the agenus at the discretion of the house President. Person(s) who have business before the Board are SOLELY responsible to see that they are present when their business is conduced. The Board may combine two or more agenda items for consideration to accomplish											
	> 🗃 Container <h1> PUBLIC NOTICE OF BOARD ME</h1>		burnness in the most experiments. The loss may remove an item from the agenda or delay discussion relating to an item on the agent											
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	Container <p> Anyone desiring additional infor</p>		nouis prior to me meeting so arrangements may be conveniently made.											





File Edit View Sign Plug-Ins Window Help



Accessibility



7-Content panel

Artifact content

There will be content in a PDF document that will need to hide from a screen reader and put in the background of the document also known as "artifact". Underlined text will show up in the content panel as a path. To artifact a path, watermark and any other content in a document:

- a. Select the content tool in the left side of the document.
- b. Using the dropdown, open the page where content needs to become an artifact.
- **c.** Select the path(s) that need to be hidden. To highlight multiple paths, hold down the shift key and select multiple paths at one time.
- d. Right click on the path(s) and select "create artifact".



7-Content panel (Continued)

All containers without paths

All containers should be together without paths and the image below is the way all pages should look in the document.


8-Logical Reading Order

WHEN READING A PDF DOCUMENT USING SCREEN READER TECHNOLOGY, ALL TEST SHOULD BE READ THE AME AS IT WOULD BE IN A BOOK (LEFT TO RIGHT, TOP TO BOTTOM). ALL DOCUMENTS SHOULD BE MANUALLY CHECKED TO HAVE THE DOCUMENT READ CORRECTLY

- A. Select the "Order" icon from the left-hand tool panel.
- **B.** The reading order for each page of the document can be viewed by clicking the carrot to the left of the page designation.
- **C.** The order in which each line section of the document is read by the AT software will display in the expanded reading order panel (see below).

How to Fix the Reading Order

The structure of the Reading Order can be changed during document remediation and here are the steps to fix the document and put it back into logical reading order.

- A. Select the text in the order panel and drag it up or down to place in the correct order.
- **B.** When you have moved the text, you will see the new reading order in the document.





8-Logical Reading Order (continued)



🙀 [12] NOTICE: Reasonable

B DATE: C

Infitate Board of Or ginning at 6:30 P.N ney General, 555 E

8-Logical Reading Order (continued)

8-Color Contrast

Color Contrast

Color contrast will always display as an issue after the accessibility check is run. Issues with color contrast cannot be accurately determined by Adobe and must be manually checked by the remediator.

In order for a document to be accessible color should not be used as the only visual means of conveying information, indicating an action, prompting a response or distinguishing a visual element. i.e. red text to mark fields that require mandatory fields.

To correct color contrast issues:

If the color of the text is unreadable, the edit PDF tool allows you the change the font color of text to be readable.

To change the color of text, select the "edit PDF" tool. (see Adding Remediation Tools).

- A. Highlight the text that needs to be corrected
- B. Select the font color option and change color of the text.
- C. Right-click on "Color Contrast"
- **D.** Select "Pass" to fix the error manually.





9-Review a Compliant PDF Document

An example of a Compliant PDF Document.

This is what a document should look like when all the errors have been corrected. There should be all green checks on all content under the Accessibility checker results.

A. Re-run the "Full Check" option and the left pane will show the document results. There should be no errors and the entire document should have all green checks to be compliant.



10-Using the Action Wizard

THE ACTION WIZARD RUN MULTIPLE REMEDIATION TOOLS AT THE SAME TIME. IF YOU ARE RUNNING THE ACCESSIBILITY CHECKER AND THE RESULTS ARE A LARGE NUMBER OF ISSUES, THE STEP STIP IN REMEDIATING THE DOCUMENT IS TO USE THE ADOBE ACTION WIZARD TO AUTOMATICALLY CORRECT SOME OF THE ISSUES.

The Action Wizard automatically applies the following remediation tools:

- 1. Add Document Description
- 2. Set Open Options
- 3. Recognize Text Using OCR If an entire document page is an image that contains text, this tool will attempt to recognize the text contained within the image.
- 4. Detect Form Fields
- 5. Set Tab Order Properly
- 6. Set Reading Language
- 7. Auto tag Document
- 8. Set Alternate Text



Making accessible documents

1. Select the "Action Wizard" option from the right-hand tool panel to open the "Actions List"



2. Click on "Make Accessible" in the "Actions List"

^	ACTIONS LIST								
-	- 🗹	Make Accessible							
	2	Archive Documents							
	¥	Publish Sensitive Inform							
	2	Optimize for Web and							
	2	Optimize Scanned Docu							
	¥	Prepare for Distribution							

3. Click the "Start" option to run the Action Wizard



This space intentionally

If the document does not have a title or if the title is not accurate, the Action Wizard provides an opportunity to add or change the document title.

- a. To change or add a title uncheck the "Leave As Is"
- **b.** Add or change the title
- **c.** Click the "OK" button

If the document title displayed is correct click the OK button to move to the next action prompt.

Description		×
Title:	Nevada State Board of Message Therapy Cha	
Subject:	✓ Leave As Is	
Author:	Lisa Cooper ☑ Leave As Is	
Keywords:	∠ Leave As Is	
	OK Cancel	

Language

- d. Confirm or change the language of the document
- **e.** If the language is incorrect, select the correct language from the dropdown menu. Note: a document can only be set to one language.
- f. Click the OK button to save the change.

If the document language is correct, click the OK button to move the next action prompt.

Recognize Text - General Settings								
Document Language	English (US)	~						
Output	Searchable Image	\sim						
Downsample To	600 dpi	\sim						
	OK Cancel							

Confirm or change document Output type

Select "Editable Text and Images" from the Output dropdown menu.

Click the "OK" button to save the change.

Recognize Text - General Settings								
Document Language	English (US)		~					
Output	Searchable Image		\sim					
Downsample To	600 dpi		\sim					
\rightarrow	ОК	Cancel						

Fillable form options

- a. If the document is intended to be a fillable form click the "Yes, Detect Form Fields" button. This will prepare the document by identifying and labeling fillable form fields. Note: Adobe is only able to automatically detect and label these fields if they are identified with an underline in the original document. Adobe will not recognize form fields that are created with Design Mode tools (or the equivalent Legacy tools).
- **b.** If the document is not intended to be a fillable form click the "No Skip this Step" button.



Alternative Text

The Action Wizard can detect images and tables contained within a document and provide the remediator with an opportunity to add alternative text to describe document images.

Screen reader technology will read an image and the image description is what is read back to the user.

For the Action Wizard to provide the remediator with the opportunity to add alternative text and table summaries click the "OK' button when prompted by the following message:

The Action Wizard will identify each section of the document that may be an image, display the image and provide the remediator with the opportunity to either provide alternative text or make the determination that the image is decorative and does not need to have alternative text.



The Action Wizard default for all images is to allow the remediator with the ability to provide alternative text.

Input the appropriate alternative text in the alternative text box. This is the information the AT software will provide to the user.

To continue the Action Wizard document check, click the blue arrow.



After the Action Wizard has run through the complete document, another accessibility check will automatically be run. The results of this check will determine which issues must be remediated manually.

11- Fix Tables

TABLES CAN BE DIFFICULT FOR ASSISTIVE TECHNOLOGY (AT) USERS TO PARSE. WITH EACH CELL USUALLY REFERRING TO A ROW AN A COLUMN HEADER FOR CONTENT, ADDITIONAL INFORAMTION IS REQUIRED SO THAT THE DATA CAN BE CLEARLY UNDERSTOOD. ROW AND COLUMN HEADERS MUST ALSO BE IDENTIFIED IN ORDER FOR THE DATA TO BE UNDERSTOOD AND TO FACILITATE THE WEBSITE NAVIGATION.

For users who cannot perceive a visual overview of a table, understanding a data table requires reconstructing the relationship between every element of the table. The user needs to understand how many rows or columns there are, which elements represent header information, which are simple data cells, etc. (Screen Reader technology will read out the number of rows and columns in every table).

Tip: Create simple data tables whenever possible (tables that only have one row or column of headers), even if this means breaking a complex data table into a number of smaller, simpler data tables.

The table description should explain all the element included in the table, so users of AT can understand what information table contains without being able to see the graphics or details of the table.

Giving the Table a description

Table Summaries A table must have a summary in order to be compliant.

To create a simple table summary:

- 1. Open the Reading Order window by clicking the Reading Order icon in the far-right hand tool panel
- 2. Right Click on the Table to open Table Menu.

TO IDENTIFY AND/OR TAG ANY ELEMENT IN A DOCUMENT, THE READING ORDER WINDOW MUST BE OPENED. THE RADING ORDER WINDOW ALSO ALLOWS THE REMEDIATOR TO VIEW THE ORDER IN WHICH ELEMENTS IN A DOCUMENT WILL BE READ BY THE AT USER.

3. Select "Table Summary.

The Board will no approve any of the following types of cours education as a course of continuing education:	✓ Sho <u>w</u> reading order panel
 An orientation program for new employees An on-the-job training program presented by an agend purpose is to disseminate information on policies or p An audio or video learning tape or home study course independent verification of successful completion. A program of self-improvement. 	Show page content groups
1 E Table time schedule Detailed program Statement of the educational objectives Sample of consum of the program (must show applicability evaluation form. to alcohol and drug abuse counselors or gambling counselors) Instructors speech / speakers resume	Clear page structure

Instructions for a complex table and summary are found on the next page.

- A. Give the Table a "Table Description".
- B. Click "Ok" to save.



To create a Complex Table Summary

Robert, let me know if we can provide you with a better table for your illustration.

- 1. Open the Reading Order window by clicking the Reading Order icon in the far-right hand tool panel
- 2. Right Click on the Table to open Table Menu.
- 3. Select "Table Summary.

The table description should explain all the element included in the table, so users of AT can understand what information table contains without being able to see the graphics or details of the table. See the example below.



Table Editor Options

The Table Editor Options allow the remediator to view the Heading and Data cells in a table.

Set label options

In order to view the existing table headings and table rows

- 1. Open the Reading Order window
- 2. Click the "Structure types" radio button
- **3.** Right click anywhere within the table area of the document.
- 4. Select the "Table Editor" option.
- 5. Right click again anywhere within the table area of the document
- 6. Select the "Table Editor Options" to open the Table Editor Options window

Last	First		Middle	License No.	Type		Issue Date	Expiration Date	Discipline
Broadhead	Brian		maare	0202	Podiatrist		5/15/2002	10/31/2002	No
Brody	Paul		1	2031	Podiatrist		10/2/2017	10/31/2019	No
Brooks	Ramona		1.	2040	Podiatrist		11/5/2018	10/31/2019	No
Burchill	Casev		с.	2010	Podiatrist		5/11/2015	10/31/2019	No
Burgess	John		 F.	0033	Podiatrist		7/15/1976	10/31/2019	No
Cade	John		E.	9701	Podiatrist		7/15/1997	10/31/2019	No
Cameron	Landon		т.	2017	Podiatrist		4/18/2016	10/31/2019	No
Card	Keith			1006	Podiatrist		4/14/2010	10/31/2019	No
Carletta	Eileen			PH0901	Podiatric Hygienist		7/15/2009	10/31/2016	No
Castelan	Marisol			PH0902	Podiatric Hygienist		7/15/2008	10/31/2019	No
Castillo	Robinson			0102	Podiatrist		7/15/2001	10/31/2001	No
Chambers	Gary			1			7/15/2000	10/31/2019	No
Chambers	Joseph	Та	ble Cell F	properties			7/15/1976	10/31/2019	No
Chavez	Chala						3/19/2019	10/31/2019	No
Child	A	Ta	ble Edito	r <u>O</u> ptions			7/15/2001	10/31/2011	No
Chow	Lap						7/15/2005	10/31/2019	No
Clark	Christine	۸.	to Cono	rata Uaada			7/15/1987	10/31/2019	No
Cohen	Ted	AU	ito Gene	rate neaue	er Cell <u>I</u> DS		7/15/1993	10/31/2019	Yes
Colarco	Justin		Ρ.	0905	Podiatrist		6/19/2009	10/31/2019	No
Colica	Sharon		Α.	2042	Podiatrist		3/11/2019	10/31/2019	No
Condon	David			9403	Podiatrist		7/15/1994	10/31/2019	No
Conway	Victor			0029	Podiatrist		7/15/1989	10/31/1995	No
Cramer	Kent		Ρ.	0502	Podiatrist		7/15/2005	10/31/2005	No
Crandall	Keith		R.	1302	Podiatrist		4/18/2013	10/31/2013	No
Cristensen	Lenore			9801	Podiatrist		7/15/1998	10/31/1998	No
Cull	Charles		С.	1201	Podiatrist		3/26/2012	10/31/2019	No
Cutler	Brett		W.	9102	Podiatrist		7/15/1990	10/31/1994	No
Dalessandro	Nicole			1303	Podiatrist		7/15/2013	10/31/2016	No

- 7. Click the "Show cell type (TH or TD)" check box
- 8. Click OK

All cells within the table will display as either TH (Table Header) or TH (Table Data)

Table Editor Options

	- NC ALITION TO PR
	TD TDuocdov, Dooor
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ТН	TD
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	of Emergency Dire
	be a physical locat
	permitted to atter
	Section 4.
TH	TD
THELECONFERENCE	TD in the meeting
ACCESS:	Call in number: 1

Setting Header Cells/Rows

A table must have accurately designated header rows in order to be compliant. The following instructions provide information on how to initially set or correct header rows in a table.

- 1. Click on the Reading Order Icon in the far-right tool panel
- 2. Right click on the table and select Table Editor.

 The Board will no approve any of the folle education as a course of continuing education An orientation program for new education An on-the-job training program p purpose is to disseminate information An audio or video learning tape of independent verification of succe A program of self-improvement. 		Show reading order panel Show page content groups Display like elements in a single box Show table cells Show tables and figures Run Form Field Recognition Table Editor	•	
1 E Table time schedule Statement of the educational objectives of the program (must show applicability to alcohol and drug abuse counselors or gambling counselors) Instructors speech / speakers resume	Detailed program Sample of consum evaluation form. Sample Certificate of	of	Clear page str <u>u</u> cture	

A. Hold down the Shift key and click all cells that are designated to be the Table Header Cells.

THnse	TH File #	TH Name	THnk	TH	Status	ΤH	Effective	THExpire	THMoviers
TD ₇₉	TD 10493	TD AGARI, TADASHI TABUCHI	TD _n	TD	20, Active	TD	10/04/2017	TD _{10/31/2019}	TD
TD ²⁶	TD 11121	TD AGARWAL, LINA D	TDh	TD	20, Active	TD	11/13/2015	TD 10/31/2019	TD
TD ₈₇	TD 3213	TD AGBOH-TAYLOR, THERESA OMOYEME	TD'n	TD	20, Active	TD	11/02/2017	TD 10/31/2019	TD
TD59	TD 6635	TD AGEE, JAMES THOMAS	TDh	TD	20, Active	TD	10/29/2015	TD 10/31/2019	TD
TD ₇₇	TD 13512	TD AGENA, JUNKO K	TD _{th}	TD	20, Active	TD	04/13/2016	TD 10/31/2019	TD

B. Right click on table and select "Table Cell Properties".



Setting Header Rows

- **D.** Select "Header Cells".
- E. Select "Row, Column, or Both" for header cells.
- **F.** Click "ok" to save your changes.

Table Cell Properties	;	×
Туре		1
Header Cell Scope:	None	
🔿 Data Cell	Row	
Attributes E.	Both	1
Row Span:	None 1	
Column Span:	1	
ID:		
Associated Header Cell IDs:	+	
	-	
	OK Cancel	

12-Scanned Documents

If you are unable to tag text in a PDF document, the scan & OCR tool can be used to identify text in the document.

Identifying a scanned document. If text/images look faded and if you attempt to encapsulate text to tag it but adobe won't let you select it the document has most likely been scanned.

To make the page taggable follow these steps.

adobe acrobat pro dc

- Edit PDF 1. Select the "Scan & OCR" tool from the right-side pane. Organize Pages 💾 Scan & OCR Prepare Form B Accessibility Action Wizard 2. Above the document a bar will appear labeled "Scan & OCR." Kore Tools
- Click the button "Recognize text" option.

Home	е	Tools		Data	Templa	te ND		Data Template for				1	NEVADA DEPART ×							P	?	Ť	
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Scan	& O(CR	[b Inse	rt 🔻	📩 Enh	ance	AA	Reco	gnize	Text 🔻	012	Bates N	lumberinç] *	ß	ດ	G	Ŵ		(Clos	se

3. Then choose the In "This File" option in the submenu.

Home Tools	Data Template ND	Data Template for	NEVADA DEPART ×	👎 🤅 🐥
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Scan & OCR	Enhance	In This File In This File In Multiple Filee O Correct Recognized Text	配 Bates Numbering 🔻 🗎	
4. Cho	ose Settings			
Home Tools	Data Template ND	Data Template for	NEVADA DEPART ×	🗭 🌲 🥐
🖺 🕁 🗘 🖷	O (†) (J) 1	/ 65 , 🖑		
Scan & OCR	🖒 Insert 🔹 📩 Enhance	A Recognize Text *	Bates Numbering -	Ω Ω Ū Close
Pages	All Pages 🔻 Langu	uage English (US) 🔻	Settings Recogn	nize Text Cancel

12-Scanned Documents (Continued)

5. Confirm the settings are: Pages = All; Document Language = English; Output = Editable Text and Images; Downsample To = 600 dpi. Click on OK.

	Recognize Text
Pages	
All pages	
Ourrent page	
O From page 1	to 4
Settings	
Document Language	English (US)
Output	Editable Text and Images
Downsample To	600 dpi
	Cancel

6. adobe acrobat pro dcChoose the Recognize Text option at the top of the window.

Home	Tools	Data Temp	late ND	Data Te	mplate for.		NEVA	DA DEPA	RT ×					-	?	÷.	
B 7	🛠 🔶 🖥	Q (†)	1	/ 65	۶ م	m	\ominus \oplus	65%	*	₽	₩	\oslash			2	\bowtie	20
Scan &	OCR	Insert -	📩 Enhance		ecognize Te	xt 🔻	012 Bate	s Numberir	ng 🔻	Ca.	ຄ	Q	Ŵ		(Clos	ie
	Pages	All Pages	 Langu 	lage Englis	sh (US)	•	🔅 Setti	ngs	R	ecogni	ze Tex		Cane	cel)		

7. After recognizing text select the "Edit PDF" tool.



12-Scanned Documents (Continued)

8. While in the edit PDF tool, in the top left corner of the document there will be an "image" icon.



- 9. Click to select the image in the top left corner and hit "Delete" on your keyboard.
- 10. Save and now encapsulate the text to start tagging.

13-Remediate a Fillable PDF

Before you can remediate a fillable PDF, review the guide on Creating a Fillable PDF. The best practice is to clear the page structure and tag the document from scratch to avoid fighting with the Logical reading order.

Clearing page structure:

- A. Choose the accessibility tool and then Select Reading order.
- **B.** Select Clear Page Structure to clear the document of any remediation.

File Edit View Sign Plug-Ins Window Help						
Home Tools Microsoft Word - C ×						P (?
□ · · · · · · · · · · · · · · · · · · ·	/1 🔎 🖬 🖡	Reading Order	× .	Ţ F .	•	ê .
Accessibility		Draw a rectangle around the content then on the buttons below:	click one of			
	в	Text/Paragraph	Figure		^	Autotag Document
	FOR LONG 3157	Form Field	Figure/Caption			🕞 Autotag Form Fields
	I	Heading 1 Heading 4	Table			E Reading Options
	2 ANG 3 Remember, your license belongs to you! B the tetal responsibility of li	Heading 2 Heading 5	Cell			Accessibility Check
	Please be reminded that NAC 654.181 provides that each pe groups shall notify the Board in writing any time heishe chan email address or changes his her atfliation with a facility with	Heading 3 Heading 6	Formula			Accessibility Report
	offense if the above rule is not adhered to. Effective February 20, 2013, NAC 664.250.6 requires a nursi return a license to the Board not later than 15 calendar days subject to a fine of \$500.00 for the first violation and at least (Reference (q) Note (z) Ba	ackground/Artifact			Identify Form Fields
	<u>Requests for licenses namin</u> <u>previous a</u> r	Table Editor	_			Sot Alternate Text
	A fee of \$100.00 is required for the iss The signature of the facility owner or owner					
•	4 ASE PRINT LEGIBLY AND PROVIDE COM	Show page content groups			•	Setup Assistant
	10 Street Address)	Page content order				Reading Order
	13 PHONE 14 15 1	Structure types	_			A
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	26 Address)	Show tables and figures				
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Tag text on form

- **A.** Encapsulate all text by holding down the left click of the mouse and encapsulate all the text and it will highlight on the document.
- **B.** Select the "Text/Paragraph option in the reading order to tag as text.

the total responsibility of insuring the proper of ase be reminded that NAC 654.181 provides that each person licensed as a nursin groups shall notify the Board in writing any time he/she changes his/her contact inform email address or changes his/her affiliation with a facility within 15 days after such an offense if the above rule is not adhered to.	perations of the facility at all time ng facility administrator or an administr nation including home address, p event. A Licensee will be subjer Rea	es. ator of a residential facility ading Order	for	×
Effective February 20, 2013, NAC 654.250.6 requires a nursing facility administrator or return a license to the Board not later than 15 calendar days after terminating his or h subject to a fine of \$500.00 for the first violation and at least \$1,000.00 for a second or <u>Requests for licenses naming a facility cannot</u>	or an administrator of a residentia er affiliation with a named facility or subsequent violation, but will n <u>be issued until the licen</u> eived by BELTCA	Draw a rectangle at the buttons below:	round the content t	then click one of
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Tag input fields as "Form Fields"

- A. Encapsulate the entire by holding down the left click of the mouse and encapsulate the entire field and it will highlight on the document. If you encapsulated more than the field, hold down the CTRL key on the keyboard and encapsulate any extra to remove. Make sure you have a solid box around on the form field.
- **B.** Select the "Form Field" option in the reading order to tag as Form Field.

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Fixing Logical Reading order

As the document is tagged as text or form fields, it will create a number for each item tagged. To keep the correct reading order structure, have the reading order view open to view the structure. The box containers are text, and the blue and white container are form fields.

- A. Select the "Reading order" tool to view the number sequence in the document.
- **B.** The text should be first and the form field should be second. In the example below, License No. should be number 7 and the form field should be 8.
- **C.** To rearrange the reading order, Select the container in the reading order by holding down the left click of the mouse and dragging the container up or down into the correct number position.

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Example of correct reading order structure

The correct reading order in a fillable PDF will make it usable to assistive technology users and allow the user to tab through fields in the correct order.



Artifact paths in the content panel

When paths are not artificated, they will be read as underscores by a screen reader. The content panel should have all container grouped together without any paths.

- A. Select the "Content Panel" tool to view any paths in the document.
- B. Highlight the paths by left clicking the mouse. To select multiple paths at one time, Select the first path, scroll to the last path, hold down the Shift key and select the last path to highlight the group of paths.
- C. Right click on the group of paths and select "Create Artifact".

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Example of correct view of content panel without paths

Accessibility



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Accessibility Check for errors

The last step in remediating a fillable PDF is to check the document for errors and the image below is what an ADA compliant will look like after an accessibility check.



14-New and Redacted Material

New Material and Redacted content in document.

This procedure will help with remediating a document that contains newly added material and strikethrough content.

Tagging new material in a document, select first letter of new material and tag as a figure.

(d) With regard to adoption, investigate acts by agencies which provide child welfare services, as defined in NRS 432B.030, and child placing agencies that violate subsection 3 of NRS 127.2817.

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Heading 2	Heading 5	Cell											
Heading 3	Heading 6	Formula											
Reference (q)	Note (z)	Background/Artifact											

Once marked as a figure, right click on the figure, and select "Edit Alternative Text."

14-New and Redacted Material (continued)



In the window of the edit alternative text, type "Beginning of new material" then click OK. At the end of the new material select the period and tag as a figure.

Figure - Begining of new material <i>tion, investigate acts by agencies which</i> <i>provide child welfare services, as defined in NRS 432B.030, and</i>
39 child placing agencies that violate subsection 3 of NRS 127.2817
40 2. Mediate between or reconcile the persons or groups involved
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fined in NRS 432B.030, and

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Right click on figure and select "Edit Alternative Text." In the Alternate text window type "End of New Material," and click ok.
36	and may conduct hearings with regard thereto.	
37	Figure - Begining of new material <i>tion, investigate acts by agencies which</i>	
38	provide child welfare services, as defined in NRS 432B.030, and	
59	child placing agencies that violate subsection 3 of NRS 127.281 righter	- End of new material
40	2. Mediate between or reconcile the persons or groups involved	

Now the new material is properly tagged and accessible.

14-Redacted Material (continued)

Just like with new material you will want to select the first letter or number of the redacted section.

17 16 Conviction for violation of any federal or state law or regulation governing the prescription, possession, distribution or use of a controlled substance or any dangerous drug as defined in chapter 454 of NRS, within the past 7 years;

Once selected at start of redacted section tag it as figure.

Reading Order		X
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14-New and Redacted Material (continued)

Right click on the figure and select "Edit Alternative Text" and in the alternate text window type "Beginning of Proposed deletion." Click OK.

19 17	Figure - Beginning of Proposed de	eletion ar
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	OK Don't Add Alt-Text	

Select the last period or symbol of the section of the redacted material and tag as a figure.



14-New and Redacted Material (continued)

state law or regulation governing the
ontrolled substance or any dangerous drug as
Care Figure - No alternate text exists.
Alternate Text
Alternate Text:
OK Don't Add Alt-Text

Right click on figure and select "Edit Alternative Text" and in alternate text window type "End of Proposed Deletion." Click ok

Willful noncompliance with ar	ny order of the Board or any other enforcement authority;
19 17 Figure - Begining of Proposed deletion	y federal or state law or regulation governing the
prescription, possession, distribution	or use of a controlled substance or any dangerous drug as
defined in chapter 454 of NRS, within	n the past 7 years Figure - End of Proposed deletion



214 22 23 B Draft of Revised Proposed Regulation R030-16

The redacted material is now properly tagged and accessible.