VPAT Accessibility Conformance Report

(Based on ITI VPAT©)

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| **Name of Product** | **Engineering Village** |
| **Date Last Updated** | **July 2022** |
| Completed by | **Michael Goddard {Sr Software Dev/Principal Accessibility Dev EV)** |
| **Applicable Standards/Guidelines** | This document rates Engineering Village according to the W3C WCAG 2.1 A and AA requirements.  |
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| **Testing Tools and Methods** | **Hands-on keyboard operationChrome/Web Developer Toolbar****Safari MacOS MontereyVoiceOver MacOS Monterey****Wave Extension****Color Contrast AnalyzerW3C WAI Pages**Elsevier Accessibility Checklist: <http://romeo.elsevier.com/accessibility_checklist/> |
| **Document Sections** | The review document below includes all WCAG 2.1 A and AA checkpoints and is organized into 6 logical sections: * Visuals
* Keyboard
* Headings and Structure
* Labeling
* Multimedia
* Usability
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| **Pages Covered** | Home, Header, Footer, Quick Search, Search Results, Record Page, Search History, Alerts, Selected Records, Thesaurus Search, Engineering Research Profile, Compendex Overview, Inspec Analytics, Inspec Results, Inspec Graphs |
| **Terms** | **Supports: The functionality of the product has at least one method that meets the criteria without known defects or meets with equivalent facilitation.****Partially Supports: Some functionality of the product does not meet the criteria.****Does not support: Majority of functionality of the product does not meet the criteria.****Supports (N/A): According to W3C on conformance, "If there is no content to which a success criterion applies, the success criterion is satisfied."** |
| **Notes/Terminology** | * **“AT” stands for Assistive Technology such as screen readers, voice input, etc.**
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| **WCAG 2.1 Success Criterion**  | **Level** | **Evaluation** |
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| 1.1.1 Non-text Content | A | Partially Supports |
| 1.2.1 Audio-only and Video-only (Prerecorded) | A | Supports (N/A) |
| 1.2.2 Captions (Prerecorded) | A | Supports (N/A) |
| 1.2.3 Audio Description or Full Text Alternative | A | Supports (N/A) |
| 1.2.4 Captions (Live) | AA | Supports (N/A) |
| 1.2.5 Audio Description | AA | Supports (N/A) |
| 1.3.1 Info and Relationships | A | Partially Supports |
| 1.3.2 Meaningful Sequence | A | Partially Supports |
| 1.3.3 Sensory Characteristics | A | Supports (N/A) |
| 1.3.4 Orientation (2.1) | AA | Supports (N/A) |
| 1.3.5 Identify Input Purpose (2.1) | AA | Supports (N/A) |
| 1.4.1 Use of Color | A | Partially Supports |
| 1.4.2 Audio Control | A | Supports (N/A) |
| 1.4.3 Contrast (Minimum) | AA | Partially Supports |
| 1.4.4 Resize text | AA | Partially Supports |
| 1.4.5 Images of Text | AA | Partially Supports |
| 1.4.10 Reflow (2.1) | AA | Does Not Support |
| 1.4.11 Non-Text Contrast (2.1) | AA | Partially Supports |
| 1.4.12 Text Spacing (2.1) | AA | Supports |
| 1.4.13 Content on Hover or Focus (2.1) | AA | Partially Supports |
| 2.1.1 Keyboard | A | Partially Supports |
| 2.1.2 No Keyboard Trap | A | Supports |
| 2.1.4 Character Key Shortcuts (2.1) | A | Supports (N/A) |
| 2.2.1 Timing Adjustable | A | Supports |
| 2.2.2 Pause, Stop, Hide | A | Does Not Support |
| 2.3.1 Three Flashes or Below Threshold | A | Supports (N/A) |
| 2.4.1 Bypass Blocks | A | Partially Supports |
| 2.4.2 Page Titled | A | Supports |
| 2.4.3 Focus Order | A | Partially Supports |
| 2.4.4 Link Purpose (In Context) | A | Partially Supports |
| 2.4.5 Multiple Ways | AA | Partially Supports |
| 2.4.6 Headings and Labels | AA | Supports |
| 2.4.7 Focus Visible | AA | Partially Supports |
| 2.5.1 Pointer Gestures (2.1) | A | Supports (N/A) |
| 2.5.2 Pointer Cancellation (2.1) | A | Supports |
| 2.5.3 Label in Name (2.1) | A | Partially supports |
| 2.5.4 Motion Actuation (2.1) | A | Supports (N/A) |
| 3.1.1 Language of Page | A | Supports |
| 3.1.2 Language of Parts | AA | Supports (N/A) |
| 3.2.1 On Focus | A | Supports |
| 3.2.2 On Input | A | Supports |
| 3.2.3 Consistent Navigation | AA | Supports |
| 3.2.4 Consistent Identification | AA | Supports |
| 3.3.1 Error Identification | A | Supports |
| 3.3.2 Labels or Instructions | A | Partially Supports |
| 3.3.3 Error Suggestion | AA | Supports |
| 3.3.4 Error Prevention (Legal, Financial, Data) | AA | Supports (N/A) |
| 4.1.1 Parsing | A | Partially Supports |
| 4.1.2 Name, Role, Value | A | Partially Supports |
| 4.1.3 Status Messages (2.1) | AA | Supports |

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| **Visuals** |
| **WCAG 2.1****Checkpoint** | **Supporting Features** | **Remarks** |
| [1.1.1: Non-Text Content](http://www.w3.org/TR/WCAG20/#text-equiv-all) (A)Provide text alternatives for non-text content (e.g. images) | Partially Supports | The product presents non-text content with a text alternative that serves the equivalent purpose.**Supporting Remarks:**Linked icons are labelled such as Help and Institution.**Exceptions:*** There are images within the pages that do not have an alt attribute or aria-label set.
* There are buttons using icons only that are missing accessible name/labels.
* There are values within the alt attribute that are not descriptive.
* Invalid use of the alt attribute.
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| [1.3.3: Sensory Characteristics](http://www.w3.org/TR/WCAG20/#content-structure-separation-understanding) (A)Do not rely on sensory characteristics of components such as shape, size, visual location, orientation, or sound | Supports (N/A) | The product provides instructions for understanding and operating content that does not rely solely on sensory characteristics of components such as size, visual location, orientation, or sound. |
| [1.4.1: Use of Color](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-without-color) (A)Color is not used as the only visual means of conveying info | Partially Supports | The product does use color as the only visual means to convey information indicate an action, prompt a response, or distinguish a visual element.**Supporting Remarks:**Disabled elements such as Search Tabs or Search buttons use color but also a disabled mouse cursor and aria-disabled to identify the state.**Exceptions:*** Focus and hover states of anchor elements use only color to convey.
* Checkbox and radio inputs use only colored borders to convey state.
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| [1.4.3: Color Contrast (Minimum)](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-contrast) (AA)Text has enough contrast with the background (4.5:1 for small text and 3:1 for large text) | Partially Supports | The product mostly contains text and meaningful images of text that meet the minimum color contrast ratio of 4.5:1 for standard text and 3.1 for large text.**Supporting Remarks:**All the body content text meets the 4.5:1 and 3:1 ratio.**Exceptions:*** Quick Search button has a ratio of 2.09
* Search button for filtered Quick Search button has ratio of 2.92
* Bottom border of Relevance drop down on Results has ratio of 1.08
* Content within Record page abstract toolbar has a color contrast ratio of 1.27 for library full text anchor element.
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| [1.4.4: Resize Text](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-scale) (AA)Text can be enlarged up to 200% without loss of functionality. | Partially Supports | The product does not allow for text to be resized up to 200% without loss of content and functionality.**Supporting Remarks:**The body textual content resizes up to 200% without any loss of functionality.**Exceptions:*** Layout becomes distorted.
* Text breaks out of areas and becomes hard to read.
* For Results, the filter area becomes jumbled layout with information hard to associate with content.
* Button and Anchor elements become broken to next line or out of placement with content, making it hard to realize the button or anchor element is associated with the content.
* Input fields become stacked on top of each other making it look as if it’s a huge textarea.
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| [1.4.5: Images of Text](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-text-presentation) (AA)Text is used rather than images of text, except where the presentation of text is essential, such as logos | Partially Supports | The product does use images of text that are essential to the information being conveyed.**Supporting Remarks:**All buttons and logos use text. Some third-party services require use of image buttons to which Engineering Village is currently working with to meet accessibility standards.**Exceptions:*** Check Local Full-Text button is an image of text.
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| [1.4.10 Reflow](https://www.w3.org/TR/WCAG21/#reflow) (AA) (2.1)Content can be presented without loss of information or functionality, and without requiring scrolling in two dimensions for:Vertical scrolling content at a width equivalent to 320 CSS pixels;Horizontal scrolling content at a height equivalent to 256 CSS pixels. | Does Not Support | There are instances of the product not being able to reflow the content without a loss of information or functionality.**Exceptions:*** The product does not support reflow or responsive design layout.
* Upon trying to enable reflow, main navigation is not accessible.
* A lot of the various form options and labels for quick search are jumbled and pushed off the viewport.
* Input fields are not resized and pushed off the viewport.
* Homepage sales jumbotron is pushed off the viewport and non-resizable.
* Not all the footer anchor elements are visible.
* Elsevier privacy policy goes off the viewport area.
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| [1.4.11 Non-Text Contrast](https://www.w3.org/TR/WCAG21/#non-text-contrast) (AA)(2.1)User interact components and graphical objects have a contrast ratio of at least 3:1 against adjacent color(s). | Partially Supports | A rating of Partially Supports has been given for the following reasons:**Supporting Remarks:**There are icons such as the help and information icons that do meet contrast ratio of at least 3:1.**Exceptions:*** Some elements with borders have insufficient color contrast ratio on the borders.
* Some icons within the buttons/anchor elements, such as the new search feature within the facets search box and the borders within checkboxes in the facets area, have insufficient color contrast ratio.
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| [1.4.12 Text Spacing](https://www.w3.org/TR/WCAG21/#text-spacing) (AA)(2.1)In content implemented using markup languages that support the following text style properties, no loss of content or functionality occurs by setting all the following and by changing no other style property:Line height (line spacing) to at least 1.5 times the font size;Spacing following paragraphs to at least 2 times the font size;Letter spacing (tracking) to at least 0.12 times the font size;Word spacing to at least 0.16 times the font size. | Supports | No loss of content or functionality occurs by setting text style properties and changing style properties. |
| [1.4.13 Content on Hover or Focus](https://www.w3.org/TR/WCAG21/#content-on-hover-or-focus) (AA)(2.1)Where receiving and then removing pointer hover or keyboard focus triggers additional content to become visible and then hidden, the following are true:* Dismissable
* Hoverable
* Persistent
 | Partially Supports | Content that appears on hover or focus within the product is not persistent, dismissible, and hoverable.**Supporting Remarks:**The sub-menus within the global header section are dismissible, hover-able, and persistent.**Exceptions:*** Some form elements do not show a hoverable state.
* Tooltips for some interactive elements are hoverable only and not persistent with keyboards.
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| [2.3.1: Three Flashes or Below Threshold](http://www.w3.org/TR/WCAG20/#seizure-does-not-violate) (A)No more than three flashes in a 1-second period, or the flashes are below the defined thresholds | Supports (N/A) | The application does not have flashing content. |
| **Keyboard** |
| **WCAG 2.1****Checkpoint** | **Supporting Features** | **Remarks** |
| [1.3.2: Meaningful Sequence](http://www.w3.org/TR/WCAG20/#content-structure-separation-sequence) (A)The correct reading sequence can be programmatically determined | Partially Supports | The application does have logical reading order within most of the product.**Supporting Remarks:**The body content does read in a logical reading order for users of assistive technology.**Exceptions:*** The sub-menus for the Search are out of order. When tabbed to and activated, user has to tab through the entire parent menu in order to get to the sub-menu.
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| [2.1.1: Keyboard](http://www.w3.org/TR/WCAG20/#keyboard-operation-keyboard-operable) (A)All functionality is available from a keyboard, except for tasks such as drawing | Partially Supports |  The product provides keyboard functionality for some content.**Supporting Remarks:**All form elements are keyboard functional.**Exceptions:*** Some sub-menus when activated, cannot be accessed via keyboard.
* Cannot access all buttons/anchor elements within the sales jumbotron.
* Quick Search filters disabled elements are tab able. Disabled elements should not be tab able.
* Folders page has a save button that can’t be operated with keyboard.
 |
| [2.1.2: No Keyboard Trap](http://www.w3.org/TR/WCAG20/#keyboard-operation-trapping) (A)The user can use the keyboard to move through page elements and is not trapped on a particular element | Supports | The app does not have any keyboard traps. |
| [2.1.4 Character Key Shortcuts](https://www.w3.org/TR/WCAG21/#character-key-shortcuts) (A)(2.1)If a keyboard shortcut is implemented in content using only letter (including upper- and lower-case letters), punctuation, number, or symbol characters, then at least one of the following is true:* Turn off
* Remap
* Active only on focus
 | Supports | The app does not use any single character key shortcuts. |
| [2.4.3: Focus Order](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-focus-order) (A)Users can tab through the elements of a page in a logical order | Partially Supports | The product mostly has support for focus order.**Supporting Remarks:**Dialog windows such as “Delete this item?” and “Pause Search History” provide proper keyboard wrapping and trapping within the window. Additionally, when closed, focus goes back to the invoking button.**Exceptions:*** Upon closing modal dialogs, the focus is reset to the page instead of the element that triggered the modal dialog.
* Some sub-menus are not focusable within the element when opened.
* Some graphs have illogical focus order when using arrow keys.
* The mobile menu does not trap focus and allows users to tab into main site/grayed out content.
* The skip link destination should not be in the tab order.
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| [2.4.7: Focus Visible](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-focus-visible) (AA)The page element with the current keyboard focus has a visible focus indicator | Partially Supports | The product mostly provides a mode of operation where the keyboard focus is visible for operable user interface controls.**Supporting Remarks:**Form input text boxes and anchor links have a discernable focus state for both mouse and keyboard.**Exceptions:*** The focus state for checkbox and radio inputs is barely discernable. A light gray to black border.
* Some help icon buttons/anchor elements do not receive focus state.
* Modal dialogs with Compendex Charts, the close button does not receive focus or shows a focus state.
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| [3.2.1: On Focus](http://www.w3.org/TR/WCAG20/#consistent-behavior-receive-focus) (A)When a UI component receives focus, this does not trigger unexpected actions. | Supports | There are no instances of violations for this standard. |
| **Headers and Structure** |
| **WCAG 2.1****Checkpoint** | **Supporting Features** | **Remarks** |
| [1.3.1: Information and Relationships](http://www.w3.org/TR/WCAG20/#content-structure-separation-programmatic) (A)Info, structure, and relationships can be programmatically determined | Partially Supports | The product’s information, structure, and relationships that are conveyed through presentation can mostly be programmatically determined.**Supporting Remarks:**Page regions are identified with landmarks for Navigation, Banner, Main, and Footer areas. Logical heading structure is used across pages.**Exceptions:*** Invalid aria role and other aria attributes are added to non-interactive elements and redundant aria roles are added to HTML elements that do not need aria role specified.
* Filter area has heading level skipped.
* There is redundant use of ARIA role. Should rely on semantic HTML.
* In compendex overview, unnecessary heading levels used in charts.
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| [2.4.1: Bypass Blocks](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-skip) (A)Users can bypass repeated blocks of content. | Partially Supports | The product does provide some mechanism for bypassing blocks of content.**Supporting Remarks:**The pages do provide skip navigation links to bypass the main navigation section on each page.**Exceptions:*** The site has a “Skip Nav” element at the start of the application, however once in application, users cannot bypass areas such as filters, toolbars and aside elements.
 |
| [2.4.6: Headings and Labels](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-descriptive) (AA) Headings and labels are clear and consistent. | Supports | The product provides headings and labels within the product. |
| [3.1.1: Language of Page](http://www.w3.org/TR/WCAG20/#meaning-doc-lang-id) (A)The language of the page is specified | Supports | The product provides a default lang attribute within the HTML element. |
| [3.1.2: Language of Parts](http://www.w3.org/TR/WCAG20/#meaning-other-lang-id) (AA)Specify the language of text passages that are in a different language than the default language of the page. | Supports (N/A) | The product does not have this feature. |
| [4.1.1: Parsing](http://www.w3.org/TR/WCAG20/#ensure-compat-parses) (A)Use valid, error-free HTML | Partially Supports | The product, while it does use semantic HTML, has several nesting and duplicate ID issues.**Supporting Remarks:**All form content uses semantic HTML.**Exceptions:*** Improper nesting of HTML elements.
* Duplicate ID attributes on multiple pages.

**There are invalid HTML issues outside the scope of this criterion:*** Incorrect usage of HTML elements.
* Invalid ARIA attributes added to HTML elements.
* Invalid HTML markup detected.
 |
| **Labeling** |
| **WCAG 2.1****Checkpoint** | **Supporting Features** | **Remarks** |
| 1.3.5 Identify Input Purpose (AA) (2.1)The purpose of each input field collecting information about the user can be programmatically determined when:The input field serves a purpose identified in the Input Purposes for User Interface Components section; and the content is implemented using technologies with support for identifying the expected meaning for form input data. | Supports | The product mostly identifies form input purposes for the most part.**Supporting Remarks:**Engineering Village does not collect personal information. A third-party service provides sign in features.Engineering Village does not provide input fields around personal information about the user.Account information such as name and address is covered by the ID+ VPAT. |
| [2.4.2: Page Titled](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-title) (A)The page has a title describing its topic or purpose | Supports | The product provides a page title for each, and every page tested. Each page has a clear and descriptive page title.**Supporting Remarks:**For example, the results page is titled, “Engineering Village – Quick Search Results”. |
| [2.4.4: Link Purpose (In Context)](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-refs) (A)The purpose of each link can be determined from the link text or surrounding context. | Partially Supports | the product mostly has a programmatic context purpose stated for all link elements.**Supporting Remarks:**Main body and article pages have anchor links that specifically identify the purpose of the anchor links.**Exceptions:*** Some anchor links contain SVG elements however no programmatical context is given to identify the link element’s purpose. Such as the icons within the main navigation in small screen view.
* Some links are repeated (Detailed, Show preview, Full Text, View Chart, Download Data). These elements do not provide context such as the parent article title.
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| [2.5.3 Label in Name](https://www.w3.org/TR/WCAG21/#label-in-name) (A)(2.1)For user interface components with labels that include text or images of text, the name contains the text that is presented visually. | Partially supports | The product provides accessible names for links, buttons, and form hat match the visible label.**Supporting Remarks:**Buttons with visible labels “Try Quick Search” and “Full Text” have accessible names which include the label text.**Exceptions:**The global nav Profile Dropdown has an accessible name of “Profile dropdown” which does not match the visible text (First name/last name initial). |
| [3.2.4: Consistent Identification](http://www.w3.org/TR/WCAG20/#consistent-behavior-consistent-functionality) (AA)UI components used across the web site are identified consistently on every page. | Supports | The applications UI components are consistent across the application.**Supporting Remarks:*** Modal dialogs are identified consistently across all pages.
* Navigational elements are identified consistently across all pages.
 |
| [3.3.1: Error Identification](http://www.w3.org/TR/WCAG20/#minimize-error-identified) (A)Input errors are clearly marked and described to the user. | Supports | The application has error handling, and all errors are given and described well.**Supporting Remarks:**Error messages are included as part of form labels, for example when submitting a form (Email records) and leaving a required field blank. |
| [3.3.2: Labels and Instructions](http://www.w3.org/TR/WCAG20/#minimize-error-cues) (A)Items requiring user input are clearly labeled or have clear instructions. | Partially Supports | The application mostly has clear and understandable labels and instructions that are programmatically assigned.**Supporting Remarks:**All error identification and instructions for form fields are clearly labeled.**Exceptions:*** Some custom <select> elements are missing actual labels or programmatical labels.
* Checkbox and radio input elements are missing a programmatical label.
* Some search inputs do not have labels. Using placeholder text instead of a programmatical label.
* The Edit Alert screen provides text instructions for max 500 characters alert name and using semi-colon or comma to separate emails. However, this information is not connected to the form field label and appears after the form input.
 |
| [3.3.3: Error Suggestion](http://www.w3.org/TR/WCAG20/#minimize-error-suggestions) (AA)When the user makes an input error, give suggestions for valid input. | Supports | The application does have error text that is sufficient for error handling and suggestions.**Supporting Remarks:**When trying to save a folder with an incorrect format, the message reads: “Special Characters are not allowed in folder names. Please try another name.” |
| [4.1.2: Name, Role, Value](http://www.w3.org/TR/WCAG20/#ensure-compat-rsv) (A)For all UI components, the name, value, and role can be programmatically determined. | Partially Supports |  The application mostly supports name, and role values set programmatically.**Supporting Remarks:**Links, form controls, and buttons are implemented using native HTML5 and so communicate name, role, value to assistive technology. For example, checkboxes use input elements with labels.**Exceptions:**A rating of Partially Supports is given for the following reasons:* Incorrect ARIA attributes used within the global header area.
* On the record page some links such as Search History and New Search incorrectly provide role=”button”.
* Missing aria-expanded/haspopup attributes for sub-menus.
* Icon only link/button elements are missing necessary programmatical context information.
* On Folders page, Save button does not have a role.
 |
| [4.1.3 Status Messages](https://www.w3.org/TR/WCAG21/#status-messages) (AA)(2.1)In content implemented using markup languages, status messages can be programmatically determined through role or properties such that they can be presented to the user by assistive technologies without receiving focus. | Supports | Engineering Village provides status messages to inform end users about invalid inputs and for loading messages.**Supporting Remarks**Engineering Village uses aria live regions to help inform assistive technology of status messages such as when a user tries to save a folder with invalid character and when the system is displaying a loading/spinner message for loading results. |
| **Multimedia** |
| **WCAG 2.1****Checkpoint** | **Supporting Features** | **Remarks** |
| [1.2.1: Audio-only or Video-only (Prerecorded)](http://www.w3.org/TR/WCAG20/#media-equiv-av-only-alt) (A)Provide alternatives for pre-recorded audio-only or video-only content. | Supports (N/A) | The application does not have pre-recorded audio or video only content. |
| [1.2.2: Captions (Prerecorded)](http://www.w3.org/TR/WCAG20/#media-equiv-captions) (A)Provide captions for pre-recorded audio | Supports (N/A) | The application does not have pre-recorded audio |
| [1.2.3: Audio Description or Media Alternative (Prerecorded)](http://www.w3.org/TR/WCAG20/#media-equiv-audio-desc) (A)Provide alternatives for pre-recorded synchronized audio/video | Supports (N/A) | The application does not have pre-recorded synchronized audio/video. |
| [1.2.4: Captions (Live)](http://www.w3.org/TR/WCAG20/#media-equiv-real-time-captions) (AA)Provide captions for live audio in synchronized audio/video. | Supports (N/A) | The application does not have live audio or video. |
| [1.2.5: Audio Description (Prerecorded)](http://www.w3.org/TR/WCAG20/#media-equiv-audio-desc-only) (AA)Provide an audio description of pre-recorded video. | Supports (N/A) | The application does not have pre-recorded video. |
| [1.4.2: Audio Control](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-dis-audio) (A)Audio can be paused and stopped, or the audio volume can be changed. | Supports (N/A) | The application does not have audio. |
| [2.2.2: Pause, Stop, Hide](http://www.w3.org/TR/WCAG20/#time-limits-pause) (A)Users can stop, pause, or hide moving, blinking, scrolling, or auto-updating information. | Does not Support | **Exceptions:**The home page provides a carousel which auto updates every 10 seconds. There is not a way to stop, pause, or hide the auto-updating information. |
| **Usability** |
| **WCAG 2.1****Checkpoint** | **Supporting Features** | **Remarks** |
| [2.2.1: Timing Adjustable](http://www.w3.org/TR/WCAG20/#time-limits-required-behaviors) (A)Users are warned of time limits shorter than 20 hours and time limits can be turned off or extended | Supports | The application does have a warning message relayed to users with an 8-hour time limit for logged in users and 30 mins for non-logged in users. |
| [2.4.5: Multiple Ways](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-mult-loc) (AA)More than one way is available to navigate to other web pages. | Partially Supports | The application has most pages available to navigation to in multiple ways.**Supporting Remarks:**Inspect Analytics can be reached from the home/search page and also through the Search menu in the global nav.**Exceptions:*** Only certain pages can be accessed via the “More” menu.
* Only certain search types can be reached via the Search menu within the global header.
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| [3.2.2: On Input](http://www.w3.org/TR/WCAG20/#consistent-behavior-unpredictable-change) (A) Changing the setting of a checkbox, radio button, or other UI component does not trigger unexpected changes in context. | Supports | The application does not cause unexpected actions with user’s input. |
| [3.2.3: Consistent Navigation](http://www.w3.org/TR/WCAG20/#consistent-behavior-consistent-locations) (AA)Navigation menus are in the same location and order on every web page. | Supports | The application has and uses a consistent global and footer navigation.**Supporting Remarks:**Engineering Village has a consistent main navigation and footer navigation that goes across all pages. |
| [3.3.4: Error Prevention (Legal, Financial, Data)](http://www.w3.org/TR/WCAG20/#minimize-error-reversible) (AA)For web pages with legal or financial commitments, input can be reviewed and corrected before final submission, and submissions can be reverted. | Supports (N/A) | The application does not require legal or financial commitments. |
| **Mobile User Experience** |
| **WCAG 2.1****Checkpoint** | **Supporting Features** | **Remarks** |
| [1.3.4 Orientation](https://www.w3.org/TR/WCAG21/#orientation)(AA) (2.1)Content does not restrict its view and operation to a single display orientation, such as portrait or landscape, unless a specific display orientation is essential. | Supports (N/A) | The application is not restricted via orientation. |
| [2.5.1 Pointer Gestures](https://www.w3.org/TR/WCAG21/#pointer-gestures) (A) (2.1)All functionality that uses multipoint or path-based gestures for operation can be operated with a single pointer without a path-based gesture, unless a multipoint or path-based gesture is essential. | Supports (N/A) | The application does not use path-based gestures for operating features. |
| 2.5.2 Pointer Cancellation (A) (2.1)For functionality that can be operated using a single pointer, at least one of the following is true:* No Down-Event
* Abort or Undo
* Up Reversal
* Essential
 | Supports | The application allows for pointer cancellation. **Supporting Remarks:**Users can click or tap on checkboxes, links, and buttons and move their pointer away to abort their selection. |
| [2.5.4 Motion Actuation](https://www.w3.org/TR/WCAG21/#motion-actuation) (A)(2.1) Functionality that can be operated by device motion or user motion can also be operated by user interface components and responding to the motion can be disabled to prevent accidental actuation, except when:* Supported Interface
* Essential
 | Supports (N/A) | The application does not use or have motion actuation. |