Pivotal Accessibility

Department of Defence Production Accessibility Conformance Report

WCAG Edition

(Based on VPAT® Version 2.5)

Name of Product:

Department of Defence Production website (https://www.ddpmod.gov.in/)

Report Date:

March 11th, 2025

Product Description:

The DDP's official website serves as a comprehensive resource, offering information on policies, procedures, job opportunities, and recent developments in defense production. It provides accessibility features such as text size adjustments, contrast settings, and language translation options to ensure user-friendly navigation.

The website also highlights key initiatives aiming to boost indigenous defense manufacturing and reduce reliance on imports. Additionally, it features updates on events organized by the Defence Exhibition Organisation, such as DefExpo, showcasing land, naval, and homeland security systems.

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Evaluation Methods Used:

Accessibility testing as per WCAG 2.2 AA guidelines.

The evaluation was performed using the below tools/ tests:

- Screen readers:
    - NVDA on Win10/ Chrome
    - VoiceOver on iPhone/ Safari
- WAVE automated tool
- Color contrast testing using Color Contrast Analyzer
- Browser zoom
- Keyboard-only
- Text-spacing testing using bookmarklets

Notes:

The VPAT has been prepared based on the accessibility evaluation of the following pages/ flows:

1. https://www.ddpmod.gov.in/
2. https://www.ddpmod.gov.in/ministry/about-us
3. https://www.ddpmod.gov.in/ministry/our-team
4. https://www.ddpmod.gov.in/ministry/our-organisations
5. https://www.ddpmod.gov.in/ministry/our-performances
6. https://www.ddpmod.gov.in/ministry/whats-new
7. https://www.ddpmod.gov.in/offerings/schemes-and-services
8. https://www.ddpmod.gov.in/offerings/competitions-and-awards
9. https://www.ddpmod.gov.in/offerings/careers
10. https://www.ddpmod.gov.in/offerings/tenders-of-ddp
11. https://www.ddpmod.gov.in/documents/annual-report
12. https://www.ddpmod.gov.in/documents/acts-and-policies
13. https://www.ddpmod.gov.in/documents/orders-and-notices
14. https://www.ddpmod.gov.in/documents/publications
15. https://www.ddpmod.gov.in/documents/press_releases
16. https://www.ddpmod.gov.in/resources/photos
17. https://www.ddpmod.gov.in/resources/videos
18. https://www.ddpmod.gov.in/connect/contact-details
19. https://www.ddpmod.gov.in/connect/rti
20. https://www.ddpmod.gov.in/archives
21. https://www.ddpmod.gov.in/website-policy
22. https://www.ddpmod.gov.in/help
23. https://www.ddpmod.gov.in/contact-us
24. https://www.ddpmod.gov.in/related_links
25. https://www.ddpmod.gov.in/feedback
26. https://www.ddpmod.gov.in/terms-and-conditions
27. https://www.ddpmod.gov.in/sitemap
28. https://www.ddpmod.gov.in/persona/citizen
29. https://www.ddpmod.gov.in/persona/media
30. https://www.ddpmod.gov.in/persona/start-up
31. https://www.ddpmod.gov.in/persona/armed-forces
32. https://www.ddpmod.gov.in/persona/researcher-or-innovator
33. https://www.ddpmod.gov.in/persona/defence-industry
34. https://www.ddpmod.gov.in/ministry/our-team/shri-rajnath-singh
35. https://www.ddpmod.gov.in/ministry/our-team/shri-sanjay-seth
36. https://www.ddpmod.gov.in/offerings/careers/archive
37. https://www.ddpmod.gov.in/offerings/tenders-of-ddp/archive-page
38. https://www.ddpmod.gov.in/resources/photos/aero-india
39. https://www.ddpmod.gov.in/resources/photos/aerospace-systems
40. https://www.ddpmod.gov.in/resources/photos/defence-expo
41. https://www.ddpmod.gov.in/resources/photos/dpsus

42. https://www.ddpmod.gov.in/search/node
43. https://www.ddpmod.gov.in/resources/photos/electronic-systems
44. https://www.ddpmod.gov.in/resources/photos/land-systems
45. https://www.ddpmod.gov.in/resources/photos/missile-and-weapon-systems
46. https://www.ddpmod.gov.in/resources/photos/naval-systems

Applicable Standards/Guidelines

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

Standard/Guideline	Included in Report
Web Content Accessibility Guidelines 2.2 at *https://www.w3.org/TR/WCAG22/*	Level A (Yes) Level AA (Yes) Level AAA (No)

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.

WCAG 2.x Report

Note: When reporting on conformance with the WCAG 2.x 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.

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Table 1: Success Criteria, Level A

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (Level A)	Partially Supports	Most images on the website contain relevant alternative text. **Exceptions include:** • No alternate CAPTCHA is provided for non-sighted users on the Feedback page *[The issue is specific to a third-party component].*
1.2.1 Audio-only and Video-only (Prerecorded) (Level A)	Not Applicable	No audio-only or video-only content is present on the website.
1.2.2 Captions (Prerecorded) (Level A)	Partially Supports	Captions are provided for most of the multimedia content present on the website. **Exceptions include:** • Captions are not provided for the video present on the Home page *[The issue is specific to a third-party component].*
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A)	Does Not Support	Alternatives are not provided for multimedia content present on the website. *[The issue is specific to a third-party component].*
1.3.1 Info and Relationships (Level A)	Partially Supports	The website has consistent headers and global table structures to establish clear information and relationships within the website. Screen readers properly identify most of the information available on the website. Visually impaired users are easily able to perceive most of the relationships between a particular element and its role. **Exceptions include:**

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		• The required ARIA child role is not present for social media elements on the Home page *[The issue is specific to a third-party component].*
1.3.2 Meaningful Sequence (Level A)	Partially Supports	The sequence of most of the content present on the website is meaningful and appropriate and does not affect the meaning of the provided content. **Exceptions include:** • The screen reader announces multiple hidden elements on the main section of the Home page *[The issue is specific to a third-party component].*
1.3.3 Sensory Characteristics (Level A)	Supports	No information is present on the website which is based on sensory characteristics such as shape, size, location, sound, etc.
1.4.1 Use of Color (Level A)	Partially Supports	Color is not used as the only visual means of conveying most of the information, indicating an action, prompting a response, or distinguishing a visual element. **Exceptions include:** • The '#ADVA' link is distinguished from the surrounding text solely via color on the Home page *[The issue is specific to a third-party component].*
1.4.2 Audio Control (Level A)	Supports	Appropriate controls are provided for the audio present on the website.
2.1.1 Keyboard (Level A)	Partially Supports	The website mostly supports standard keyboard navigation and input functions (including swiping to move between input fields and pressing [Double tap] to make selections).

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		Exceptions include: • The social media tabs and a tooltip are not triggerable on the Home page *[The issue is specific to a third-party component].*
2.1.2 No Keyboard Trap (Level A)	Supports	Keyboard focus is moving sequentially throughout the website without the focus getting trapped in any section and it is convenient to access the functionality.
2.1.4 Character Key Shortcuts (Level A 2.1 and 2.2)	Supports	The keyboard shortcuts either have a functionality to turn off or remap them, or are active only upon receiving focus.
2.2.1 Timing Adjustable (Level A)	Not Applicable	There is no such activity present on the website where time needs to be adjusted or extended.
2.2.2 Pause, Stop, Hide (Level A)	Supports	The moving/ scrolling content present on the website has been provided with functionality to be stopped, paused, or hidden.
2.3.1 Three Flashes or Below Threshold (Level A)	Not Applicable	There is no flashing content present on the website.
2.4.1 Bypass Blocks (Level A)	Supports	A bypass mechanism for skipping to the main content is implemented.
2.4.2 Page Titled (Level A)	Supports	Descriptive and correct page titles are present for pages throughout the website.
2.4.3 Focus Order (Level A)	Partially Supports	The focus moves in a correct sequence order on most elements of the website from left to right and top to bottom. **Exceptions include:** • The focus moves twice to the elements such as the Republic Day graphic link, Visit Website, and Share button using the keyboard on the Home page

		[The issue is specific to a third-party component] • The focus moves twice to the 'Keyboard shortcuts' button using the keyboard on the Contact Us page *[The issue is specific to a third-party component].*
2.4.4 Link Purpose (In Context) (Level A)	Partially Supports	Most links are provided with appropriate link text and the user would be able to understand the purpose of the link from its link text. **Exceptions include:** • The screen reader only announces the role as 'link' for the 'Defence Production India Facebook' with its link text on the Home page *[The issue is specific to a third-party component].*
2.5.1 Pointer Gestures (Level A 2.1 and 2.2)	Supports	All functionalities present in the website can be operated with a single pointer without a path-based gesture unless a multipoint or path-based gesture is essential.
2.5.2 Pointer Cancellation (Level A 2.1 and 2.2)	Supports	No down-event of the pointer is used in the website to execute any part of the action.
2.5.3 Label in Name (Level A 2.1 and 2.2)	Supports	All labels on the website include text and the same text is defined in the code as well to assist speech recognition technologies.
2.5.4 Motion Actuation (Level A 2.1 and 2.2)	Not Applicable	No functionality is present on the website that is operable only by device motion.
3.1.1 Language of Page (Level A)	Supports	The language attribute is correctly defined for the webpages.
3.2.1 On Focus (Level A)	Partially Supports	Most interactive elements are not triggered automatically on receiving the focus.

		Exceptions include:
		• When the 'Pause' button receives the keyboard focus, the Auto-moving slides stop moving, and the 'Pause' button changes to the 'Play' button automatically on the Home page *[The issue is specific to a third-party component].*
3.2.2 On Input (Level A)	Supports	Change of context does not happen when the user changes the setting of any input controls.
3.2.6 Consistent Help (Level A 2.2 only)	Supports	A sufficient help mechanism is provided in a consistent place on multiple webpages.
3.3.1 Error Identification (Level A)	Supports	Errors present on the website are notified to the users correctly.
3.3.2 Labels or Instructions (Level A)	Supports	The website provides support for motor-impaired and cognitive users as the labels and instructions are provided for the form fields, which are clearly visible and readable to such users.
3.3.7 Redundant Entry (Level A 2.2 only)	Not Applicable	No such user input is required across the website.
4.1.2 Name, Role, Value (Level A)	Partially Supports	Most of the website elements have a proper label associated with their role and the screen reader is recognizing them correctly with updated values as well. **Exceptions include:** • The screen reader only announces the like count and the role as 'button' for all the 'Like' buttons on the Home page *[The issue is specific to a third-party component]* • The screen reader announces multiple roles as 'link' and

		'button' for the 'Share' link on the Home page *[The issue is specific to a third-party component].*

Table 2: Success Criteria, Level AA

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA)	Not Applicable	No live multimedia content is present on the website.
1.2.5 Audio Description (Prerecorded) (Level AA)	Does Not Support	Audio description is not provided with the multimedia content present on the website. *[The issue is specific to a third-party component].*
1.3.4 Orientation (Level AA 2.1 and 2.2)	Supports	The website does not restrict its view and operation to a single display orientation.
1.3.5 Identify Input Purpose (Level AA 2.1 and 2.2)	Not Applicable	No such interactive fields are present on the website.
1.4.3 Contrast (Minimum) (Level AA)	Partially Supports	Most elements of the website adhere to the minimum contrast standards. **Exceptions include:** • The color contrast ratio of the link text like '#RajnathSingh' having '#1D9BF0' foreground color against the '#ADCCEB' background color is insufficient on the Home page *[The issue is specific to a third-party component]* • The color contrast ratio of the text '@DefProdnIndia Jan 10' having '#536471' foreground color against the '#ADCCEB' background color is insufficient on the Home page *[The issue is specific to a third-party component].*
1.4.4 Resize text (Level AA)	Partially Supports	The website is mostly responsive. At a zoom of 200%, almost no loss of content or functionality is observed. **Exceptions include:**

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		• Several video controls disappear at 200% zoom on the Videos page *[The issue is specific to a third-party component].*
1.4.5 Images of Text (Level AA)	Supports	No information is conveyed to the user via an image of the text.
1.4.10 Reflow (Level AA 2.1 and 2.2)	Supports	The website does not require scrolling in two dimensions to present content without loss of information in 400% zoom.
1.4.11 Non-text Contrast (Level AA 2.1 and 2.2)	Partially Supports	Most of the website user interface components have a contrast ratio of at least 3:1 against adjacent color(s). **Exceptions include:** • The 'Verified' icon fails the color contrast ratio on the Home page *[The issue is specific to a third-party component].*
1.4.12 Text Spacing (Level AA 2.1 and 2.2)	Supports	The website is compliant with WCAG text spacing requirements.
1.4.13 Content on Hover or Focus (Level AA 2.1 and 2.2)	Partially Supports	Most of the content that is triggered by hover or focus is dismissible, hoverable, and persistent. **Exceptions include:** • The social media post timestamp tooltip is not dismissible using the 'Esc' key on the Home page *[The issue is specific to a third-party component].*
2.4.5 Multiple Ways (Level AA)	Supports	A proper navigation header is provided to access the different types of website pages.
2.4.6 Headings and Labels (Level AA)	Supports	Headings and Labels on the website provide sufficient detail of the content they are describing.

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2.4.7 Focus Visible (Level AA)	Supports	All the elements present in the website have focus visibility.
2.4.11 Focus Not Obscured (Minimum) (Level AA 2.2 only)	Supports	All elements that receive keyboard focus are at least partially visible upon receiving the focus.
2.5.7 Dragging Movements (Level AA 2.2 only)	Not Applicable	No functionalities that involve dragging are present on the website.
2.5.8 Target Size (Minimum) (Level AA 2.2 only)	Supports	All the interactive pointer targets are at least 24 by 24 CSS pixels or have sufficient spacing around them.
3.1.2 Language of Parts (Level AA)	Not Applicable	English is the primary language of the website. There are no phrases or sentences written in any other language, which need to be defined separately.
3.2.3 Consistent Navigation (Level AA)	Supports	Navigational mechanisms are repeated on the website and occur in the same relative order each time they are repeated. Hence, consistent navigation is provided to the user.
3.2.4 Consistent Identification (Level AA)	Supports	Components that provide the same functionality throughout the website can be easily identified by the user.
3.3.3 Error Suggestion (Level AA)	Supports	The provided error messages are descriptive enough to understand the error and identify the location where they occur.
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)	Not Applicable	There are no critical forms available where error prevention is required. Error suggestions are enough to fill out the form and correct the errors.
3.3.8 Accessible Authentication (Minimum) (Level AA 2.2 only)	Not Applicable	No authentication is required from the users.
4.1.3 Status Messages (Level AA 2.1 and 2.2)	Supports	The updated content automatically notifies the visually impaired users via a screen reader.

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