

# Accessibility Statement for IET websites

This is an accessibility statement from the Institution of Engineering and Technology (The IET). This statement covers the following site(s):

Site name	Most recent automated testing score
<b>Events: Electrical Safety</b>	<b>85.7</b>
Site URL	Last reviewed date
<a href="https://electricalsafety.theiet.org">https://electricalsafety.theiet.org</a>	<b>16/09/2024</b>

This statement and its format were created using the Tool. See also: <https://www.gov.uk/government/publications/sample-accessibility-statement/sample-accessibility-statement-for-a-fictional-public-sector-website>

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## Measures to support accessibility

The IET wants as many people as possible to be able to use its websites. In this site you should be able to:

- change colours, contrast levels and fonts
- zoom in up to 200% without the text spilling off the screen
- navigate most of the website using just a keyboard
- navigate most of the website using speech recognition software
- listen to most of the website using a screen reader (including the most recent versions of JAWS, NVDA and VoiceOver)

We also aim to make text as easy as possible to understand, although some of our content is necessarily of a technical nature.

The IET aims to ensure accessibility of its websites by:

- including accessibility in our internal policies
- integrating accessibility into our procurement practices
- having clear accessibility goals and accountabilities
- continuously monitoring our sites for accessibility conformance

[AbilityNet](#) provides advice on making your device easier to use if you have a disability.

## **Technical specifications**

Accessibility of IET websites relies on the following technologies to work with the web browser, and any assistive technologies or plugins, installed on your computer:

- HTML
- WAI-ARIA
- CSS
- SVG
- JavaScript

These technologies are relied upon for conformance with our stated accessibility standards.

## **Compatibility with browsers and assistive technology**

Our sites are designed to be compatible with the following technologies:

- Current and recent versions of Chrome, Edge, Firefox and Safari browsers on Windows, MacOS, Android and iOS operating systems.

## **Conformance status**

The [Web Content Accessibility Guidelines \(WCAG\)](#) defines requirements for designers and developers to improve accessibility for people with disabilities. This site is partially conformant with WCAG 2.2 level AAA. Partially conformant means that some features or content do not fully conform to the accessibility standard.

WAI-ARIA markup is used in most components.

Automated monitoring of conformance with accessibility standards, including WCAG 2.2, currently records a score of 85.7 for this site; details can be found below.

## Assessment approach

The IET assesses the accessibility these sites using the following approaches:

- self-evaluation (manual audits, automated monitoring)
- external evaluation (engaging external agencies to review specific sites)

## Limitations and alternatives

Despite our ongoing efforts to ensure accessibility of our sites, there are some limitations. Below is a description of known issues, and potential solutions. This list is unlikely to be exhaustive; please contact us (see details above) if you observe an accessibility issue not described here.

## Issues

The following issues have been reported by our automated monitoring tool and need addressing.

Issues	Conformance	Success criteria	Abilities affected
<b>Colour contrast does not meet enhanced requirement</b>	AAA	1.4.6: Contrast (Enhanced)	Colour perception, Vision
<b>Line height is fixed</b>	AAA	1.4.8: Visual Presentation	Cognition, Reading, Vision
<b>Font size is fixed</b>	AAA	1.4.8: Visual Presentation	Cognition, Reading, Vision
<b>Inline frame missing a text alternative</b>	A	4.1.2: Name, Role, Value	Vision
<b>Page language has not been identified</b>	A	3.1.1: Language of Page	Vision
<b>Page missing a title</b>	A	2.4.2: Page Titled	Cognition, Vision
<b>Line height is below minimum value</b>	AAA	1.4.8: Visual Presentation	Cognition, Reading
<b>Page missing headings</b>	Accessibility best practices	Accessibility best practices	Cognition, Vision

<b>Skip to main content link is missing</b>	Accessibility best practices	Accessibility best practices	Mobility, Vision
<b>Interactive element does not meet enhanced size</b>	AAA	2.5.5: Target Size (Enhanced)	Mobility

## Potential issues

The following issues have been reported by our automated monitoring tool and need further investigation

Potential issues	Conformance	Success criteria	Abilities affected
<b>Is it possible to skip straight to the main content?</b>	Accessibility best practices	Accessibility best practices	Mobility, Vision
<b>Is it clear which page element has focus from the keyboard?</b>	AA	2.4.7: Focus Visible	Cognition, Mobility
<b>Is there a minimum contrast ratio between the text and background?</b>	AA	1.4.3: Contrast (Minimum)	Colour perception, Vision
<b>Do page sections with the same name serve the same purpose?</b>	WAI-ARIA authoring practices	WAI-ARIA authoring practices	
<b>Is there an enhanced contrast ratio between the text and background?</b>	AAA	1.4.6: Contrast (Enhanced)	Colour perception, Vision

## Interactive functionality

Further manual investigation will be required to evaluate the more complex interactive elements of the site.

## Formal approval of this accessibility statement

This Accessibility Statement is approved by:

Stewart Love

Head of Digital Services

The IET

### **Feedback and formal complaints**

We're working continuously to improve the accessibility of our sites. If you find any problems not listed on this page or think we're not meeting accessibility requirements, please let us know:

- Phone: +44 (0)1438 313311
- Email: [webmaster@theiet.org](mailto:webmaster@theiet.org)
- Post: The IET, Futures Place, Six Hills Way, Stevenage SG1 2UA
- X/Twitter: @TheIET

## Appendix 1 – Detailed breakdown of compliance score

Conformance	Issue name	Issue score
A	Links are not clearly identifiable	100/100
A	Table header cell is missing a header role	100/100
A	Table cell missing context	100/100
A	Page missing a title	20/100
A	Image missing a text alternative	100/100
A	Page language has not been identified	20/100
A	Page language not recognised	100/100
A	Page language tags don't match	100/100
A	Form field missing a label	100/100
A	Page refreshes or redirects without warning (within 20 hours)	100/100
A	Link missing a text alternative	100/100
A	Button missing a text alternative	100/100
A	Inline frame missing a text alternative	19.26/100
A	Visible label and accessible name do not match	100/100
A	Multiple inline frames with the same text alternative	100/100
A	Required ARIA attribute is missing	100/100
A	Hidden element has focusable content	100/100
A	Video missing captions	100/100
A	Image button missing a text alternative	100/100

<b>A</b>	Audio missing a transcript	100/100
<b>A</b>	Video without audio missing an accessible alternative	100/100
<b>A</b>	Video with audio missing an accessible alternative	100/100
<b>A</b>	Image file name is not an appropriate text alternative	100/100
<b>A</b>	Role not inside the required context	100/100
<b>A</b>	Vector image missing a text alternative	100/100
<b>A</b>	Table headers aren't referenced correctly	100/100
<b>A</b>	No data cells assigned to table header	100/100
<b>A</b>	Audio plays automatically and can't be switched off	100/100
<b>A</b>	Field input error is not announced in full	100/100
<b>A</b>	Object missing a text alternative	100/100
<b>A</b>	Empty headings	100/100
<b>A</b>	Role with implied hidden content has keyboard focus	100/100
<b>A</b>	Decorative image is exposed to assistive technologies	100/100
<b>A</b>	Container element is empty	100/100
<b>A</b>	Links in the same context with the same text alternative	100/100
<b>A</b>	Scrollable element is not keyboard accessible	100/100
<b>A</b>	Menu item missing a text alternative	100/100
<b>A</b>	All roles are invalid	100/100
<b>AA</b>	Keyboard focus indicator is missing	100/100

<b>AA</b>	Content language not recognised	100/100
<b>AA</b>	Autocomplete does not work as intended	100/100
<b>AA</b>	Video missing an audio-description	100/100
<b>AA</b>	Page orientation is locked	100/100
<b>AA</b>	Page zoom is restricted	100/100
<b>AA</b>	Colour contrast does not meet minimum requirement	100/100
<b>AA</b>	Letter spacing does not meet minimum requirement	100/100
<b>AA</b>	Text is clipped when resized	100/100
<b>AA</b>	Word spacing does not meet minimum requirement	100/100
<b>AA</b>	Line height does not meet minimum requirement	100/100
<b>AA</b>	Interactive element does not meet minimum size nor spacing	100/100
<b>AAA</b>	Links on the same page with the same text alternative	100/100
<b>AAA</b>	Colour contrast does not meet enhanced requirement	61.88/100
<b>AAA</b>	Uneven spacing in text	100/100
<b>AAA</b>	Line height is below minimum value	29.83/100
<b>AAA</b>	Font size is fixed	3.1/100
<b>AAA</b>	Line height is fixed	3.1/100
<b>AAA</b>	Page refreshes or redirects without warning	100/100
<b>AAA</b>	Interactive element does not meet enhanced size	1.45/100
<b>WAI-ARIA authoring practices</b>	ARIA attribute unsupported or prohibited	100/100
<b>WAI-ARIA authoring practices</b>	Invalid state or property	100/100



<b>WAI-ARIA authoring practices</b>	ARIA attribute does not exist	100/100
<b>WAI-ARIA authoring practices</b>	Page region missing an accessible name	100/100
<b>WAI-ARIA authoring practices</b>	Page sections with the same name do not serve the same purpose	100/100
<b>WAI-ARIA authoring practices</b>	Text not included in an ARIA landmark	100/100
<b>Accessibility best practices</b>	HTML element is deprecated or obsolete	100/100
<b>Accessibility best practices</b>	Skip to main content link is missing	80.92/100
<b>Accessibility best practices</b>	Content missing after heading	100/100
<b>Accessibility best practices</b>	Improper use of preformatted text element	100/100
<b>Accessibility best practices</b>	Some roles are invalid	100/100
<b>Accessibility best practices</b>	Headings are not structured	100/100
<b>Accessibility best practices</b>	Page missing headings	20/100
<b>Accessibility best practices</b>	Grouped form controls missing an accessible name	100/100
<b>Accessibility best practices</b>	Page does not start with a level 1 heading	100/100
<b>Accessibility best practices</b>	Text in all caps	100/100
<b>Accessibility best practices</b>	Font size is too small	100/100
<b>Accessibility best practices</b>	Overuse of italics	100/100
<b>Accessibility best practices</b>	Presentational element is exposed to assistive technologies	100/100