

# Accessibility Review: Office Supply

URL: <http://iitaa.dev/officesupply>

Date: [yyyy-mm-dd]

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## Important

This review identifies accessibility issues present on a sample of pages at time of the review. Pages that were not tested, or that have changed since the review, may have similar or additional issues.

## Standards

As required by the Illinois Information Technology Accessibility Act (IITAA) and the Americans with Disabilities Act (ADA), testing was performed to confirm conformance with:

- Web Content Accessibility Guidelines (WCAG) 2.1 Level AA (<https://www.w3.org/TR/WCAG21>)
- Accessible Rich Internet Applications (ARIA) 1.2 (<https://www.w3.org/TR/wai-aria-1.2>)

## Testing Tools

- Accessibility Insights for Web (<https://accessibilityinsights.io/downloads>)
- Colour Contrast Analyser (<https://www.tpgi.com/color-contrast-checker>)
- High Contrast & Zoom (<https://doit.illinois.gov/initiatives/accessibility/testing/visual>)
- Keyboard Commands (<https://doit.illinois.gov/initiatives/accessibility/testing/keyboard>)
- NVDA 2024 screen reader (<https://www.nvaccess.org>)
- JAWS 2024 screen reader (<https://www.freedomscientific.com/products/software/jaws>)
- ZoomText screen magnifier (<https://www.freedomscientific.com/products/software/zoomtext>)
- Dragon Professional and/or Windows Speech Recognition

## Impact Ratings

- Critical – will prevent some users from completing essential task(s).
- High – will be difficult for some users, but task(s) can be completed.
- Med – may be confusing for some users, but task(s) can be completed.
- Low – violates accessibility standards, but unlikely to affect users.

# Welcome

URL: <http://iitaa.dev/officesupply/home-inaccessible.html>

**Office Supply**

Home Order Form Sales Report Newsletter (PDF) Order Form (PDF) Annual Report (PDF)

## Welcome

Office Supply is your one-stop resource for office supplies, paper, and equipment.

### Locations

- Springfield - 120 W Jefferson St
- Chicago
  - Downtown - 100 W Randolph St
  - Lakeview - 1060 W Addison St

### Featured Products

We have your favorite products in stock. Products in *red* are on sale!

|                 |                |                 |
|-----------------|----------------|-----------------|
| <b>Post-its</b> | <b>Markers</b> | <b>Staplers</b> |
| Assorted Colors | Dry-Erase      | Red Swingline   |
| \$3.59 and up   | \$6.49         | \$21.99         |

### Sales Update

We had a great first quarter. Here are our latest sales figures:

| Month    | Post-its | Markers | Staplers |
|----------|----------|---------|----------|
| January  | 20       | 15      | 5        |
| February | 35       | 25      | 10       |
| March    | 60       | 45      | 15       |

### Savings Club

Sign up below! Suspicious? Don't worry, [click here](#).

Sign up:

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| # | Issue  | WCAG  | Impact |
|---|--|-------|--------|
| 1 | The html element is missing a lang attribute indicating the language of the page. The html element should have lang="en".        | 3.1.1 | Low    |
| 2 | The page title "Untitled" does not indicate the topic of the page. The page title should be "Office Supply: Welcome" or similar. | 2.4.2 | Med    |

| #  | Issue   | WCAG           | Impact   |
|----|---|----------------|----------|
| 3  | The "Skip to Main Content" link cannot be operated using keyboard commands. The CSS style hiding the link should be removed or replaced with a style that allows the link to be focusable and become visible when focused.  | 2.1.1<br>2.4.1 | High     |
| 4  | The "Office Supply" image link does not have a text alternative that indicates its meaning and purpose. The image should have alt="Office Supply".  | 1.1.1<br>2.4.4 | High     |
| 5  | The montage image does not have a text alternative that indicates that it is decorative. The image should have alt="".  | 1.1.1          | Med      |
| 6  | "Welcome" is formatted as the main heading but marked-up as a paragraph. The main heading should be marked-up as a heading level 1 (h1).  | 1.3.1          | Med      |
| 7  | "Welcome" text is light blue (#6699DD) on white (#FFFFFF) with a contrast ratio of 2.9:1. The text color should be darkened to meet the minimum of 3.0:1 for large text (e.g., #4477BB).  | 1.4.3          | Low      |
| 8  | "Office Supply is your one-stop..." is formatted as a paragraph but marked-up as a heading level 6 (h6). It should be marked-up as a paragraph (p).   | 1.3.1          | Med      |
| 9  | The "Chicago" locations are formatted as a sub-list but marked-up incorrectly. The sub-list (ul) should be inside the "Chicago" list item (li).   | 1.3.1          | Med      |
| 10 | In the "Featured Products" section, "Post-its", "Markers", and "Staplers" are formatted as sub-section headings but marked-up as sub-sub-section headings (h4). They should be marked-up as sub-section headings (h3).  | 1.3.1          | Med      |
| 11 | The "Featured Products" columns are not read in the correct sequence. The layout table should be removed or modified so they are read as columns.   | 1.3.2          | High     |
| 12 | The products "on sale" are indicated only by the color red. These items should be indicated by something in addition to color, such as font style.  | 1.4.1          | High     |
| 13 | The "on sale" text is red (#FF0000) on white (#FFFFFF) with a contrast ratio of 4.0:1. The text color should be darkened to meet the minimum of 4.5:1 (e.g., #EE0000).  | 1.4.3          | Low      |
| 14 | The sales chart image alternate text "chart.png" does not indicate its full meaning. The image should have alternate text or a long description that includes all the data showing in the image (e.g., "Sales: January, Post-its 20, Markers 16, Staplers 4. February...").<br>(Note that the longdesc attribute should provide a URL to a full description, not the description itself.) | 1.1.1          | Critical |
| 15 | The "click here" link text does not indicate its purpose. The text should be "see our <a href="#">Privacy Policy</a> " or similar.  | 2.4.4          | High     |
| 16 | The "click here" link does not have a visible focus indicator. The CSS style that suppresses the default outline should be removed or modified to provide another visible indication when the link has focus.   | 2.4.7          | High     |
| 17 | The "click here" link is indicated only by the color blue (#0000EE). The link should be indicated by something in addition to color, such as an underline.  | 1.4.1          | Med      |

| #  | Issue   | WCAG           | Impact   |
|----|---|----------------|----------|
| 18 | The label "Sign up" is not programmatically associated with its field. The label should be associated by setting its "for" attribute to match the "id" attribute of the field, or the field associated by setting its "aria-labelledby" attribute to match the "id" attribute of the label. | 1.3.1<br>2.5.3 | High     |
| 19 | The label "Sign up" does not clearly describe its purpose. The label should be "Email Address" or similar.  | 2.4.6          | Med      |
| 20 | The "Sign up" button is an image of text and does not have a text alternative. The button should use text styled with CSS.  | 1.1.1<br>1.4.5 | Critical |
| 21 | The "Sign up" button text is white (#FFFFFF) on light blue (#6699DD) with a contrast ratio of 2.9:1. The background should be darkened to meet the minimum of 4.5:1 (e.g. #4477BB)  | 1.4.3          | Med      |

\* Issue applies to multiple pages but is not repeated on subsequent pages of this report.

# Order Form

URL: <http://iitaa.dev/officesupply/orderform-inaccessible.html>

Office Supply

Home Order Form Sales Report Newsletter (PDF) Order Form (PDF) Annual Report (PDF)

### Order Form

Name:

Address:

City:  State:  ZIP:

Country:

Add me to the mailing list

Ship To Shipping Method

Address:   Standard

City:  State:  ZIP:   Second Day

Overnight

| # | Product              | Price                | Quantity             | Total                | Remove               |
|---|----------------------|----------------------|----------------------|----------------------|----------------------|
| 1 | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |

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| # | Issue   | WCAG           | Impact |
|---|---|----------------|--------|
| 1 | The "Name" textbox comes before the header and navigation links in the focus order. The <code>tabindex="1"</code> attribute should be removed or changed to <code>tabindex="0"</code> .   | 2.4.3          | High   |
| 2 | The labels "Name", "Address", "City", "State", "ZIP", and "Country" are not programmatically associated with their fields. The labels should be associated by setting their "for" attributes to match the "id" attributes of the fields, or the fields associated by setting their "aria-labelledby" attributes to match the "id" attributes of the labels. | 1.3.1<br>2.5.3 | High   |
| 3 | The label for the "Add me to the mailing list" checkbox is empty. The text "Add me to the mailing list" should be inside the label element.   | 1.3.1<br>2.5.3 | High   |
| 4 | The "Country" select unexpectedly causes an alert to appear when its value is changed using the down arrow keyboard command. The alert should be displayed using the blur event rather than the change event.   | 3.2.2          | High   |

| #  | Issue  | WCAG           | Impact   |
|----|--|----------------|----------|
| 5  | The "Ship To" and "Shipping Method" group labels are not associated with their fields. The groups should use fieldset and legend elements or implement the <a href="#">ARIA Checkbox Pattern</a> or <a href="#">ARIA Radio Group Pattern</a> . | 1.3.1          | High     |
| 6  | The order table has role="grid" but does not function as a grid using keyboard commands. The grid role should be removed.  | 4.1.2          | High     |
| 7  | The order table column and row headers are not programmatically associated with the data cells. The column and row header cells should be table header (th) elements with scope="col" or scope="row" attributes, respectively.                 | 1.3.1          | High     |
| 8  | The remove ("X") icon does not have a text alternative. The remove icon should have role="image" and aria-label="Remove Product #1" or contain visually-hidden text "Remove Product #1".   | 1.1.1<br>4.1.2 | Critical |
| 9  | The remove ("X") icon cannot be focused or clicked using keyboard commands. The icon should be replaced with a button element or implement the <a href="#">ARIA Button Pattern</a> .   | 2.1.1          | Critical |
| 10 | The "Add another product" button unexpectedly adds a row when it receives keyboard focus. The row should be added using the click event rather than the focus event.   | 3.2.1          | High     |
| 11 | The "Confirm Order" dialog functions like a modal dialog when using the mouse but does not contain focus within the dialog when using keyboard commands. The dialog should implement the <a href="#">ARIA Dialog (Modal) Pattern</a> .         | 4.1.2          | High     |