

Accessibility check: docx before remediation

Produced by **office_a11y_check.py (our checker script, modelled on Microsoft Accessibility Checker rules)** v1.0. This is our own script that reads the Office Open XML directly; it is modelled on the rule set of Microsoft's Accessibility Checker but it is **not** Microsoft's tool and its counts will not match Microsoft's exactly. File: accessible-office-docx-before.docx

Errors: 37 Warnings: 93 Tips: 2

ID	Rule	Severity	Count
D01	Document title property is empty Modelled on: Document Title missing (Word: File > Info > Title)	error	1
D02	Document language not set Modelled on: Document language / proofing language	error	0
D03	No heading styles used in document Modelled on: No headings used / Headings (structure)	error	1
D04	"Fake" headings: short bold/large Normal paragraphs formatted to look like headings Modelled on: Use Heading styles (Word: "Use built-in heading styles")	warning	24
D05	Heading levels skipped (e.g. H1 -> H3) Modelled on: Skipped heading level	warning	0
D06	Image / drawing / diagram without alternative text Modelled on: Missing alternative text	error	8
D07	Alternative text looks like a file name or generic label Modelled on: Alt text not descriptive (manual review)	warning	0
D08	Object not inline with text (floating) Modelled on: Object not inline	warning	1
D09	Table without a marked header row (Repeat Header Row / tblHeader) Modelled on: Missing table header	error	27
D10	Table contains merged cells Modelled on: Merged or split cells	warning	22
D11	Table rows that are entirely blank Modelled on: Blank table rows or columns	warning	0
D12	Probable layout table (single row or single column) Modelled on: Check whether table is used for layout	tip	1
D13	Hyperlink text is a raw URL	warning	11

	Modelled on: Unclear hyperlink text		
D14	Hyperlink text is non-descriptive ("click here", "here" ...) Modelled on: Unclear hyperlink text	warning	0
D15	Empty paragraphs used for spacing (runs of 2 or more) Modelled on: Use of repeated blank characters	warning	32
D16	List typed manually (bullet/number characters instead of list formatting) Modelled on: Use list formatting (no direct MS rule; WCAG 1.3.1)	warning	3
D17	Text colour contrast below WCAG 2.2 AA (4.5:1, or 3:1 for large text) Modelled on: Hard-to-read text contrast	error	0
D18	Header/footer object without alt text (watermark, logo) Modelled on: Missing alternative text (header/footer)	tip	1

Document facts

```
{
  "title": "",
  "core_language": "",
  "default_language_w:lang": "en-US",
  "paragraphs": 702,
  "tables": 27,
  "heading_count": 0,
  "paragraph_styles_used": {
    "Normal": 520,
    "List Paragraph": 165,
    "No Spacing": 10,
    "annotation text": 5,
    "Normal (Web)": 2
  },
  "drawings_in_body": 8,
  "hyperlinks": 14,
  "url_strings_in_text": 13,
  "empty_paragraphs_top_level": 276,
  "contrast_runs_checked": 3325,
  "contrast_runs_undetermined": 0
}
```

Findings

► D01 - Document title property is empty (1)

- ▶ **D03 - No heading styles used in document (1)**
- ▶ **D04 - "Fake" headings: short bold/large Normal paragraphs formatted to look like headings (24)**
- ▶ **D06 - Image / drawing / diagram without alternative text (8)**
- ▶ **D08 - Object not inline with text (floating) (1)**
- ▶ **D09 - Table without a marked header row (Repeat Header Row / tblHeader) (27)**
- ▶ **D10 - Table contains merged cells (22)**
- ▶ **D12 - Probable layout table (single row or single column) (1)**
- ▶ **D13 - Hyperlink text is a raw URL (11)**
- ▶ **D15 - Empty paragraphs used for spacing (runs of 2 or more) (32)**
- ▶ **D16 - List typed manually (bullet/number characters instead of list formatting) (3)**
- ▶ **D18 - Header/footer object without alt text (watermark, logo) (1)**

What this script does not check

- Whether alt text is accurate or useful (only presence and file-name-like values).
- Contrast of text over pictures, gradients, or charts; text inside images.
- Meaning conveyed by colour alone, sensory characteristics, animation/timing, audio/video captions.
- Correct language of individual passages (only whether a language is set).
- Whether reading order is logical - it lists the order for a human to review.
- Embedded charts/SmartArt internal structure, OLE objects, form controls, macros.