

COMPLIANCE WORKING RECORD

Safe filename and path checker

Fictional sample. Requires tailoring and responsible review.

Document control

Field	Value
Organization	Fictional Example Company
Document type	Safe filename and path checker
Document reference	40-safe-filename-and-path-checker
Jurisdiction	United States
Version	2026-10-06.export-safety.1
Status	Supported checks found review items
Prepared by	Fictional reviewer
Prepared on	October 6, 2026
Sources reviewed	October 6, 2026
Generated	October 6, 2026

Review source and method

Tool	Method	Source rows	Source columns
40-safe-filename-and-path-checker	2026-10-06.export-safety.1	5	3

Purpose and boundary

Check single filenames and explicitly declared relative paths for traversal, reserved names, incompatible characters, normalization collisions and file/directory conflicts.

The portable package profile is deliberately conservative. It checks names without creating or extracting files. It does not resolve symbolic links, verify an extraction destination or establish that file contents are safe. Destination systems may impose additional limits.

Result

5 source rows inspected. 4 review items recorded.

- The portable package profile is deliberately conservative. It checks names without creating or extracting files. It does not resolve symbolic links, verify an extraction destination or establish that file contents are safe. Destination systems may impose additional limits.

- Escaped previews show whitespace and non-ASCII characters explicitly and are abridged after 400 characters. The structured source backup preserves every original parsed value.

- The source file was not changed. No date, formula or filename was executed or silently repaired.

Measure	Value
Source rows	5
Source columns	3
Inspected values	5
Review items	4

Detailed checks

The report shows the first 100 findings or row assessments. Escaped previews are abridged after 400 characters. Excel, CSV and JSON retain every result. JSON preserves the complete parsed source, including column positions and duplicate headings.

Row	Result	Preview	Finding
2	Within supported name profile	"evidence/report.pdf"	No supported name exception was found. Check the actual destination and file contents separately.
3	Name requires review	"../report.pdf"	Empty, current-directory and parent-directory components are not accepted. A component ends with a period or space.
4	Name requires review	"CON.txt"	A component uses a reserved Windows device name, including a name followed by an extension.
5	Name requires review	"Report.pdf"	The NFC case-insensitive name collides with 1 other rows. First source rows 5, 6.
6	Name requires review	"report.PDF"	The NFC case-insensitive name collides with 1 other rows. First source rows 5, 6.

Responsible review

- Row 3. Name requires review. Empty, current-directory and parent-directory components are not accepted. A component ends with a period or space.
- Row 4. Name requires review. A component uses a reserved Windows device name, including a name followed by an extension.
- Row 5. Name requires review. The NFC case-insensitive name collides with 1 other rows. First source rows 5, 6.
- Row 6. Name requires review. The NFC case-insensitive name collides with 1 other rows. First source rows 5, 6.

Assumptions

- The source format and approved destination require responsible review. No source value was silently repaired.

Limitations

- The portable package profile is deliberately conservative. It checks names without creating or extracting files. It does not resolve symbolic links, verify an extraction destination or establish that file contents are safe. Destination systems may impose additional limits.

Official sources

Source	Provision	Date	Link
Microsoft: Naming Files, Paths, and Namespaces	Safe filename and path checker. Windows reserved device names, characters and path constraints. This portable profile uses conservative bounds and does not guarantee every destination.	October 6, 2026	https://learn.microsoft.com/en-us/windows/win32/fileio/naming-a-file
OWASP Foundation: Path Traversal	Safe filename and path checker. Traversal and path interpretation risks. The tool reviews declared package names without decoding, writing or extracting files.	October 6, 2026	https://community.owasp.org/attacks/Path_Traversal