

# DeepSeek-OCR Validation Sample (pdf)

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## Module Integration Requirements

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The core objective is to ensure seamless integration of the DeepSeek-OCR engine with the existing Document Management System (DMS). Compliance is mandated for all input formats, specifically high-volume PDF/A and low-quality TIFF scans.

**Key Parameter:** The maximum accepted **Skew Angle** tolerance is set at  $\theta_{\max} = 5.0^\circ$ . Any document exceeding this threshold must be flagged.

**Verification Point:** Check the model's ability to distinguish between the subscript H<sub>2</sub>O and the standard text H2O. This is critical for scientific documentation.

- The minimum required **Context Compression Ratio** must exceed 4.5 : 1 for successful deployment.
- **Approval Authority:** Dr. E. K. Smith (Signature required below).