

PRINT  
RESEARCH  
DEVELOPMENT



# Technical Acceptance Tests for Printing Industry Machinery

Machinery and processes undergo objective  
evaluations based on defined conditions



**Tested machines are optimally configured  
and are verified for high printing quality**



**Tested, properly installed machines  
reduce the risk of waste**



**Serves as proof of excellent machine quality**





# Quality Assurance for New and Used Machinery

## Technical Acceptance Tests Carried Out For:

- CtP platesetters
- Sheetfed offset printing presses
- Web offset printing presses
- Flexographic printing presses
- Print finishing equipment and machinery

## Structured Procedure for Reliable Results

SID, with extensive experience in technical acceptance testing for various printing industry machinery, prioritizes product-oriented evaluations. Objective metrological assessments are conducted on representative samples to check and evaluate processes and machines.

Additionally, SID offers customer-specific tests, including those for presses designed for paperboard printing and UV drying. SID provides guidance in developing testing procedures, evaluation criteria, and tolerances.

During acceptance tests, our professional inspection team collects samples (printing plates, printed sheets, folded sheets, or book blocks), which are then evaluated in the SID Test Laboratory for Printing Quality and Post-Press using required test equipment. The team then determines whether the technical parameters align with specifications, providing customers with a detailed test report.

## Why a Technical Acceptance Test?

A machine technical acceptance test provides the buyer and operator with confidence and security in a purchased or used machine. It serves the supplier as proof of excellent quality to the customer. At the same time, the risk of waste and customer complaints is reduced if the machine is proven to be optimally adjusted.

Companies that also introduce a quality management system want the assurance that the machines used for the production process deliver the best quality. Increasing standardisation and the constant shortening of production times also require absolute reliability of the systems. Technical acceptance tests carried out by professional examiners from an independent company such as SID create trust on both sides, for buyers and sellers alike.



SID is a non-profit industry-oriented research institution, development partner and service provider for the graphic arts and processing industry and its associated machine manufacturing industry.

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## Foundation for the Technical Acceptance Tests

The technical specifications of the Bundesverband Druck und Medien e.V. (German Printing and Media Industries Federation) and other recommendations are used for machine acceptance tests. These include:

- Guidelines for the acceptance testing of CtP systems
- Guidelines and manuals for the technical acceptance tests of sheetfed offset presses, commercial web offset presses and continuous feed presses as well as coating units on sheetfed offset presses
- Handbook for the acceptance testing of print finishing machines
- Recommendations for the technical acceptance tests of flexographic printing presses

