



# Nalco Water Crepe Analysis Toolbox (NCAT) Technology

*Consistent Product Quality, Fast Results*

**NALCO** Water  
An Ecolab Company

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## Consistent Product Quality, Fast Results

### Nalco Water Crepe Analysis Toolbox (NCAT) Delivers:

- ▲ Quantitative measurements of crepe structure.
- ▲ Fast, on-site results for Yankee coating optimization.
- ▲ Quality control feedback for the effect of creping blade age on crepe structure.
- ▲ Effective troubleshooting tool to identify problems with sheet quality in the CD or MD.
- ▲ Quick feedback to improve product development and process optimization efforts.

### Program Description

The Nalco Water Crepe Analysis Toolbox, or NCAT Technology, is one of a suite of new sensor and automation tools being developed by Nalco Water and its technology partners to provide tissue makers with increased knowledge of creping performance. These tools are designed to assist tissue makers in delivering consistent product quality, improved machine efficiency and extended asset availability. NCAT technology provides a

standardized approach for fast and objective evaluation of crepe structure. It consists of a compact and robust sheet imaging sensor and computer that runs full featured, user-friendly software for analysis and reporting functions. NCAT technology's compact size and offline capability makes it ideal for use at multiple locations throughout tissue making facilities.

### Technology Benefits

- ▲ NCAT technology removes the subjectivity of manual crepe structure analysis.
- ▲ NCAT technology is a useful product development tool allowing characterization of the effects of product specifications (basis weight, strength, furnish), and process parameters and operational practices such as wet end chemistry, coating chemistry, and calendering on crepe structure.
- ▲ NCAT technology can be used to benchmark products against either internal or external standards.

### NCAT Technology

Creping is at the center of the tissue making process, affecting both product quality and machine efficiency. NCAT technology is designed to provide tissue makers with fast, on-site, and quantitative data on the performance of their creping operation as reflected by the quality of the crepe structure. NCAT technology analyses, performed by experienced and knowledgeable Nalco Water industry technical consultants, provides tissue makers with a powerful decision making tool to improve their operations and increase their bottom line results.

### Contact Us

For more information about NCAT technology, please contact your local Nalco Water sales engineer, or visit [www.nalco.ecolab.com/program/nalco-water-crepe-analysis-toolbox-technology](http://www.nalco.ecolab.com/program/nalco-water-crepe-analysis-toolbox-technology).

### Nalco Water, an Ecolab Company

**North America:** 1601 West Diehl Road • Naperville, Illinois 60563 • USA

**Europe:** Richtistrasse 7 • 8304 Wallisellen • Switzerland

**Asia Pacific:** 2 International Business Park • #02-20 The Strategy Tower 2 • Singapore 609930

**Greater China:** 18G • Lane 168 • Da Du He Road • Shanghai China • 200062

**Latin America:** Av. Francisco Matarazzo • nº 1350 • Sao Paulo – SP Brazil • CEP: 05001-100

[ecolab.com/nalco-water](http://ecolab.com/nalco-water)