

	QD-PM 17.0 Photocopy Machines	
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17.1 Introduction

Examinations of photocopy or multi-function machines and their product involve many facets, including techniques included in the examinations of printing processes, ink, toner and paper. Limitations can be placed upon these examinations by influences such as the type of photocopier used, the amount of wear and/or damage present, the availability of repair and maintenance records, the type of paper used, the exposure of paper, storage conditions, etc. Photocopier or multi-function machine examinations are conducted utilizing visual, microscopic and chemical methods along with various instruments to assist with determining the physical and chemical properties of the printing processes, ink, or toner used to produce documents. Various techniques may be employed to assist in these examinations.

17.2 Method

Analysis is performed per [ASTM E2389-05 Standard Guide for Examination of Documents Produced with Liquid Inkjet Technology](#) and [ASTM E2390-06 Standard Guide for Examination of Documents Produced with Toner Technology](#). Information provided in this procedure gives an overview of the process, considerations and instrumentation used. Analysis schemes for each case will be implemented depending upon the type of evidence presented and the examination request.

REFERENCE

Questioned Document Procedure Manual Section 16.0 - Printing Processes

[Classification and Identification of Modern Office Copiers](#) - by James Kelly