

PERMIT by RULE TECHNICAL REVIEW

Company: Padgett Printing Corporation, 1313 N. Industrial Boulevard, Dallas, Texas 75207

Registration Number: X **Record Number:** 86842 **Account ID Number:** DB-1702-B

Contact Name: Mr. David Padgett, Company Project Manager

Telephone Number: (214) 915-6351 **Fax Number:** (214) 748-8740

Description/Name of Facilities and Processes Claimed: This registration request is concerning the new installation and operational use of one non-heatset printing press (Identification Number: P-840-P) used for offset lithographic printing at the Padgett Printing Corporation located at 1313 North Industrial Boulevard in the City of Dallas, Dallas County, Texas.

The Padgett Printing facility operates an offset lithographic printing facility which includes heatset and non-heatset printing of mailers, brochures, and other high quality printed items.

This site consists of one "new" above referenced non-heatset printing press (ID # P-840-P), three non-heatset off set presses (IDs# P-840, P-6402 and P-GTO) operated under Standard Exemption 013 as reflected and reported in the Year 2000 Emission Inventory, and one heatset web printing press (ID # P-M110) and associated duct burner (ID # Duct Burner) operated under Office of Air Quality Permit No. 18911.

The newly added P-840-P print press utilizes a printing process known as offset lithography. In this process, the image area of the plate is ink receptive and water repellant, while the non-image area is chemically repellant to ink. The aqueous solution which is used to dampen the plates does not typically contain alcohol, but may contain small quantities of other volatile chemicals. The image is then applied to a rubber covered blanket cylinder, then on to the paper sheet. This process is repeated up to eight times, depending upon the number of colors printed.

Padgett Printing Corporation proposes our concurrence, under Chapter 106, Section 418, for the new installation and operational use of the P-840-P "non-heatset" Printing Press at the Padgett Printing Corporation facility located in the City of Dallas, Texas.

Sources/Emissions/Control Summary: The routine emissions associated with the operational use of the newly added non-heatset printing press (ID 3 P-840-P have been estimated at 6.36 tons per year (tpy) of volatile organic compounds.

The site-wide routine emissions, authorized under exemptions from permitting, have been revised to reflect this addition and are now summarized at 14.64 tpy of volatile organic compounds.

Emissions from the full permit authorized "heatset" printing press and associated dust burner have been permitted at 9.80 tpy of volatile organic compounds in Office of Air Quality Permit No. 18911.

Padgett Printing Corporation, Permit No. X, Project No. 86842
P-840-P Printing Press Addition
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PSD or Nonattainment Netting Required: NO _____ **Submitted:** N/A

NSPS: N/A _____ **NESHAPS:** N/A

Emission Reductions Due to the NSR: None available.

Site Review Required: NO _____ **Performed by/date:** N/A

Public Notice Required: N/A **Approved:** N/A

Meets all general and specific criteria: YES (a favorable concurrence letter and technical review e-mailed for supervisor review on March 27, 2002).

Does this registration require a 30 TAC Chapter 60 Compliance History review?
NO

If Yes, should the PBR claim be denied on the basis of the compliance history review results? N/A.

Reviewed By: Robert Walts
Date: March 27, 2002

Team Leader: Clyde Price
Date: March 28, 2002