Florida Department of

Environmental Protection

Memorandum

TO: Rick Bradburn
THROUGH: Armando I. Sarasua, P.E.
FROM: R. J. Prusa
DATE: January 2, 2013
SUBJECT: Evaluation Summary for PCC Print Shop Inc., PCC Print Shop 0330271-006-AO, Escambia County

We recommend issuing a renewal operation permit to PCC Print Shop Inc to operate their PCC Print Shop. This follows permit 0330271-005-AO, issued January 28, 2008.

Process Description. This facility consists of two Offset Printing Web Presses, three Offset Printing Sheet Presses, Roller Cleaning and Book Binding.

Pollution Control Equipment. Offset Printing Web Presses No. 1 and No. 2 utilize catalytic or afterburner systems to control VOC emissions by 90% and 95%, respectively, of VOC captured. VOC emissions from three Offset Printing Sheet Presses, Roller Cleaning, and Book Binding are uncontrolled.

Environmental Impact

Airborne Contaminant Emitted	FAC Rule	Estimated Emissions		Allowable Emissions	
		lbs/hr	T/yr	lb/hr	T/yr
PM	N/A	N/A	N/A	N/A	N/A
SO_2	N/A	N/A	N/A	N/A	N/A
VOC	N/A	N/A	61.7	1.42/1.21	61.7
NOx	N/A	N/A	N/A	N/A	N/A
CO	N/A	N/A	N/A	N/A	N/A
Objectionable Odors	62-296.320(2)	N/A	N/A	None allowed off plant property	
VE^2	N/A	N/A	N/A	Not more than xx% opacity	

Applicable Rules & Regulations. This source is not regulated by any unit specific applicable requirements but has self-imposed VOC limits and is regulated by Rules 62-210.300 and 62-296.320(1), F.A.C.

Compliance Monitoring. VOC emissions from Offset Printing Web Press No. 1 and No. 2 are monitored by maintaining ink usage records (based on an average VOC content of 43%). Compliance with the self-imposed VOC emission limits of 1.42 lb/hr and 1.21 lb/hr, for Offset Printing Web Presses No. 1 and No. 2, respectively, are verified semi-annually by emission testing, using a Thermo Environmental VOC analyzer model 580B or equivalent. VOC and HAP emissions from three Sheet Fed Presses, Roller Cleaning, and Book Binding are monitored by recordkeeping of product usage on monthly and rolling 12-month totals.

Compliance History
Inspections from the past five years showed the facility was In-Compliance.

Fee Summary. A fee of $3,750.00 (Two AO2A, $1,500 each; AO1C, $750) was submitted for this project.

RP/c