



STATE OF MISSOURI
DEPARTMENT OF NATURAL RESOURCES

— DIVISION OF ENVIRONMENTAL QUALITY —
P.O. Box 176 Jefferson City, MO 65102-0176

Mel Carnahan, Governor • Stephen M. Mahfood, Director

FEB -5 1999

Rick Tucker, Sr. Approvals Engineer
Tokheim Retail Petroleum Systems
P.O. Box 360
Fort Wayne, IN 46801-0360

RE: Tokheim Premier Series Dispensers
APPROVAL 99-01

Dear Mr. Tucker:

This is to inform you of the approval of the Balance Stage II Vapor Recovery dispensers which your company submitted for MOPETP testing for Missouri approval. These dispensers are the Premier Series, "vapor recovery provided models", high hose, 45" wide, 3 hoses per side (6 hoses per dispenser). The MOPETP testing took place at the Amoco station at 1 South Lindbergh Blvd, in St. Louis County, June 23 – 25, 1998. Twelve dispensers and twelve hoses were tested at the site.

Only the "vapor recovery provided" configuration is being approved in order to ensure consistent quality control of the vapor piping. Only Tokheim Premier Series dispensers with 6 hoses/dispenser or less are included in this approval. Dispenser and system wide back pressures are crucial to system performance and demonstrating compliance. Care should always be taken, by those planning a station's vapor recovery system, to assemble components with compliant back pressures.

The Missouri Department of Natural Resources' Air Pollution Control Program approves the equipment listed below, subject to the terms and conditions of approval listed on **MOPETP Approval APCP-0001-001-98**. The equipment below is approved for use on all Approved Balance Vapor Recovery systems.

System wide back pressures were tested within the acceptable limits.

The average back pressures for the Tokheim Retail Petroleum System Premier Dispenser Model # H426 are presented in Table 1:

Rick Tucker
Page Two

Table 1. Average Dispenser Back Pressure Data for the Tokheim Premier Series
Dispensers

	Dispenser Back Pressure ("WC) – Premier Series (H426) (12 Data Points)		
	40 cfh	60 cfh	80 cfh
Average	0.033	0.069	0.104
Std. Dev	0.012	0.026	0.043

Attached please find **MOPETP Approval APCP-0001-001-98**. MDNR, APCP thanks you for your cooperation and diligence .

Sincerely,

AIR POLLUTION CONTROL PROGRAM



Roger D. Randolph
Director

RDR/bp

Enclosure

c: John Harris, Tokheim Retail Petroleum Systems