

STATE OF MISSOURI
DEPARTMENT OF NATURAL RESOURCES

Mel Carnahan, Governor • Stephen M. Mahfood, Director

DIVISION OF ENVIRONMENTAL QUALITY

P.O. Box 176 Jefferson City, MO 65102-0176

OCT -9 1998

Mr. Don Leininger
 OPW Fueling Components
 P.O. Box 405003
 Cincinnati, OH 45240-5003

Re: Policy Memorandum 98-06

98-06

Dear Mr. Leininger:

This is to confirm the approval of the Balance Stage II Vapor Recovery equipment which your company submitted for MOPETP testing for Missouri approval. The MOPETP testing took place at the Citgo Express Mart, 801 Collins Road, Festus, Missouri. The Missouri Department of Natural Resources' (MDNR's) Air Pollution Control Program (APCP) approves the equipment listed below subject to the terms and conditions listed on **MOPETP Approval APCP-0001-001-98**. The equipment below is approved for use on all Balance Vapor Recovery systems.

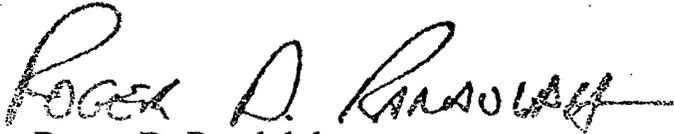
Manufacturer	Model	Component
OPW Fueling Components	233 VM-6045	Vapor Valve
	633T-8076	Fill Adapter
	634TT-7085	Fill Cap
	53-VSS-0046	Float Vent Valve
	61SO-400C	Overfill Protection Drop Tube
	1-2100 (Plugged)	Overfill Spill Bucket
	1611AV -1620	Vapor Recovery Adapter
	1711T-7085	Vapor Recovery Cap

Mr. Don Leininger
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Attached please find **MOPETP Approval APCP-0001-001-98**. MDNR's APCP thanks you for your cooperation and diligence.

Sincerely,

AIR POLLUTION CONTROL PROGRAM

A handwritten signature in black ink that reads "Roger D. Randolph". The signature is written in a cursive style with a long horizontal stroke at the end.

Roger D. Randolph
Director

RDR:bpp

Attachment

Husky Balance System MO/PETP
 Citgo Express Mart, 801 Collins Road, Festus, MO
Average Component Backpressure Data

Component	Model	Average Backpressure in "WC 40 cfh, 60 cfh, 80 cfh	Number Tested
P/V Valve	Husky 4620	NA	3 ✓
Extractable Vapor Valve	OPW 233 VM-2045	NA	3
Fill Adapter	OPW 633T-8706	NA	3
Fill Cap	OPW 634TT-7085	NA	3
Float Vent Valve	OPW 53FC-0046	NA	3
Overfill Protection Drop Tube	OPW 61SO-400C	NA	3
Spill Container	OPW 1-2100 (Plugged)	NA	3
Vapor Recovery Adapter	OPW 116AV-1620	NA	3
Vapor Recovery Cap	OPW 1711t-7085	NA	3
Dispensers	Gilbarco B7D	0.050, 0.124, 0.227	5 (20 pump positions) ✓
Nozzles	Husky 5010 V Short	0.040, 0.073, 0.115	7 ✓
	Husky 5210 V Long	0.044, 0.079, 0.126	6 ✓
	Husky 5010-5810 VLX Short *	0.048, 0.091, 0.145	3
	Husky 5210-5810 VLX Long *	0.052, 0.097, 0.156	4
Hoses	Dayco V 2000 (8 foot)	0.052, 0.095, 0.138	6 ✓
	Dayco 2000 **	No data collected	6 ✓
	Goodyear 0487 LX	0.056, 0.099, 0.135	4 ✓
	Goodyear 0487 **	0.037, 0.074, 0.100	4 ✓
Breakaways	Husky 3360 VR	Too low to measure	20 ✓
Whip Hoses	Dayco 2000	Too low to measure	12
	Goodyear 0487	Too low to measure	8

* Nozzle withdrawn from test.

** Hoses can only be used with Venturi nozzles or certain dispensers.