



STATE OF MISSOURI  
DEPARTMENT OF NATURAL RESOURCES

Bob Holden, Governor • Stephen M. Mahfood, Director

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

NOV 09 2001

Mr. Eric Riffle, Principal Engineer  
Marconi Commerce Systems Inc.  
P.O. Box 22087  
Greensboro, NC 27420-2087

APPROVAL LETTER

2001-03

RE: Marconi Encore Series dispensers – Balance Vapor Recovery System

Dear Mr. Riffle:

This is to inform you of the approval of the Marconi Encore Series 300 & 500 dispensers, which Marconi submitted for Missouri Performance Evaluation Testing Procedure (MOPETP) testing, and approval. Marconi submitted the Encore 300 and 500 series (vapor recovery components are identical) units with balance vapor recovery. The balance vapor recovery system is available as a factory installed option or a field retrofit kit. The balance system components in the factory-installed option and field retrofit kit are identical. If the dispenser is modified with the field retrofit kit, the installation contractor also becomes responsible for ensuring this dispenser meets permit test requirements.

All vapor recovery piping configurations for the Encore product line were installed and tested at the Western Oil facility located at 105 Highway AT in Villa Ridge, MO 63089. This was done utilizing additional hose ports on all units to allow testing at alternate hose positions. This included both versions (Nibco tee fitting and T-drilled) of the M01237 balance upper tube for multi-hose units and the M01446 balance upper tube for single-hose units. Neumayer Equipment Company served as the testing company for Marconi.

The MOPETP evaluation included the following tests: 90-day endurance test with continuous temperature/pressure monitoring, pressure/leak decay testing, P/V valve bench testing, and dry/wet back pressure testing of individual components and the

Mr. Eric Riffle  
Page Two

entire system. The Missouri Department of Natural Resources' Air Pollution Control Program (APCP) approves the equipment listed in the table, subject to the terms and conditions of the Balance system approval listed on the MOPETP Approval APCP-0002-001-99.

A list of MOPETP approved Encore 300 and 500 series dispenser model numbers follows:

Manufacturer	Model	Component
Marconi Commerce Systems Inc (Gilbarco)	NA0, NC0	1 Grade Multi-Hose Dispenser
	NA1, NC1	2 Grade Multi-Hose Dispenser
	NA2, NC2	3 Grade Multi-Hose Dispenser
	NA3, NC3	4 Grade Multi-Hose Dispenser
	NG0, NG2	3 Grade Single-Hose Dispenser
	NG1, NG3	4 Grade Single-Hose Plus One Dispenser
	NJ0, NJ1	Multi-Hose Blender Dispenser
	NJ2, NJ3	Multi-Hose Blender Plus One Dispenser
	NL# (# =0 thru 7)	X + 1 Blender Dispenser
	NN# (# = 0 thru 7)	X + 0 Blender Dispenser

Sincerely,

AIR POLLUTION CONTROL PROGRAM



Roger D. Randolph  
Director

RDR:bpm

Attachment

c: Stage II List