

Mr. Bud Pratt
APCP

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

NOV - 9 1999

Mr. Jim Biesecker
Manufacturing Engineer
Safety and Environmental Manager
EBW
P.O. Box 689
Muskegon, MI 49443

APPROVAL LETTER – EBW Stage I Equipment – MOPETP Approval 99-08

Dear Mr. Biesecker:

This is to approve the Balance Stage I Vapor Recovery equipment that your company submitted for MOPETP testing and approval. This testing took place at the Citgo Express Mart, 7017 Highway 61/67, Barnhardt, Missouri. Final bench testing took place September 10, 1999, at that location. Missouri Department of Natural Resources (MDNR) personnel observed these tests.

It has been determined, upon completion of MOPETP testing, that the various models equivalent to those tested, offering options not directly affecting the performance of the product, will be approved along with those specific models tested. This is being done to further expand the options to the owner/operators and the equipment contractors.

Due to the cessation of the Stage II portion of the MOPETP test, the Stage II equipment originally submitted for testing, the 362-204-01 popped vapor shear valve, will not be approved at this time. We look forward to your resubmitting this equipment at some future date.

If at any time MDNR were to observe significant defects or failure to meet the established performance standards, by these products or any other vapor recovery equipment, that equipment would be subject to sanctions and MOPETP approval could be withdrawn.

We remind you that all California Air Resource Board (CARB) certified equipment, and by reference all MOPETP approved equipment, must be 100 percent performance checked at the factory to ensure compliance with CARB and MOPETP standards.

The Missouri Department of Natural Resources' Air Pollution Control Program approves the equipment listed below, subject to the terms and conditions of the approval listed above and on MOPETP Approval APCP-0002-001-99. The equipment below is approved for use on all Approved Balance Vapor Recovery systems.

Manufacturer	Model	Component
EBW (Stage I equipment)	802 series (2" & 3" models threaded and slip on) 802-308-01, 802-308-02 - all 2" 802-309-01, 802-309-02 - all 3"	Pressure Vacuum valves
	708 series AutoLimiter Overfill valve 708-450-01 for tanks to 10' dia. 708-451-01 for tanks to 12' dia.	Overfill valves (w/drop tubes)
	705, 715, 725 series spill containers 705-470-01, 705-471-01, 705-472-01, 705-473-01, 715-470-01, 715-471-01, 715-472-01, 715-473-01, 725-470-01, 725-471-01, 725-472-01, 725-473-01 705-445-01, 705-455-01, 705-474-01 705-475-01, 715-446-01, 715-456-01 715-474-01, 715-475-01, 725-447-01 725-474-01, 725-475-01	Spill Containers (5, 15, 25 gallon) Grade level and below grade design Various lid options, drain valves
	778 series top seal adapters 778-301-01 (4" w/wrench lugs) 778-301-02 (4" w/o lugs) 778-302-01 (3" w/lugs) 778-202-01 (4" w/lugs & lock collar) 778-202-02 (4" w/o lugs or lock collar)	Top seal adapters- male fill coupler fitting for fill riser pipe
	777 series fill port dust caps 777-201-01 (glass filled nylon) 777-202-02 (aluminum)	Fill port dust caps – for 778 series adapters

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Manufacturer	Model	Component
EBW (Stage I equipment)	300 series vapor adapter 300-300-01 (aluminum 4" x3") 300-210-01 (aluminum 4 x 4) 300-220-01 (brass 4 x 4)	Poppeted vapor coupler fitting
	304 series vapor cap 304-200-01 (glass filled nylon) 304-200-02 (nylon w/chain) 304-301-01 (aluminum) 304-301-02 (aluminum w/chain)	Vapor dust caps – for 300 series vapor adapters
	308 series float vent valves 308-213-01, 308-202-01, 308-205-01, 308-207-01, 308-209-01, 308-211-01	Ball float valves – in vapor port of UST Various lengths
	310 / 311 / 330 / 331 / 340 Extractor Vent Fittings 310-300-01, 330-300-01, 340-300-01, 311-300-01, 331-300-01	Extractor Vent fitting – Pipe into vapor Bung of UST- 308 ball float valve housed here

If you have any questions or comments concerning this matter, please contact Bud Pratt, of my staff, at (573) 751-4817.

Sincerely,

AIR POLLUTION CONTROL PROGRAM

Roger D. Randolph
 Director

RDR:bpt

c: Stage II Vapor Recovery Manufacturers