

Tom Szajkos
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Current manufacturer requirements with DPF installed:

2008 Taylor TX976 Top Handler \$566,000.00 each

2009 Cost to add DPF: \$21,442.00

Current supplier cost to clean DPF-\$450.00

Current terminal Labor cost to pull/replace DPF insert- 1 hr@ \$110.00

Reference: Average machine hours per year-3000

Reference: Recommended DPF HD cleaning cycle-500/700 hours

of times per year to pull/replace DPF insert-5x

Total yearly cost per piece of equipment-\$2800.00

Grand Total: (64 x \$2800) =\$179,200

Now CARB wants to add Opacity testing:

1. Cost of opacity test equipment-\$5600.00-\$10,000.00

2. Labor hours to complete test 3 hours includes disconnecting/re-connecting DPF exhaust system.

a. Disconnect before DPF at inlet can or at turbo.

b. Test system with opacity meter and record results.

c. Re-install DPF

d. Test again with DPF installed, record results.

4. Cost to complete testing \$110.00 per hour current blended labor rate x 3 hours=\$330.00 per unit.

YTI currently has approximately 60 pieces of diesel equipment excluding yard tractors (115). Cost to test each once per year is \$21,120.

If equipment fails opacity testing the cost to repair is approximately \$5000 parts & 1760.00 labor=\$6760.00 per repair based on replacing injectors, fuel pump & boost system. Plus re-testing.

One cost that could not be calculated for this meeting is the cost for the equipment not being available to work.

If Operations requires 21 Top Handlers and only 20 are available because of testing requirements that means that operations is working at a less efficient rate which drives up costs.