



# AutoBlend Systems Dye Injection for Fuels

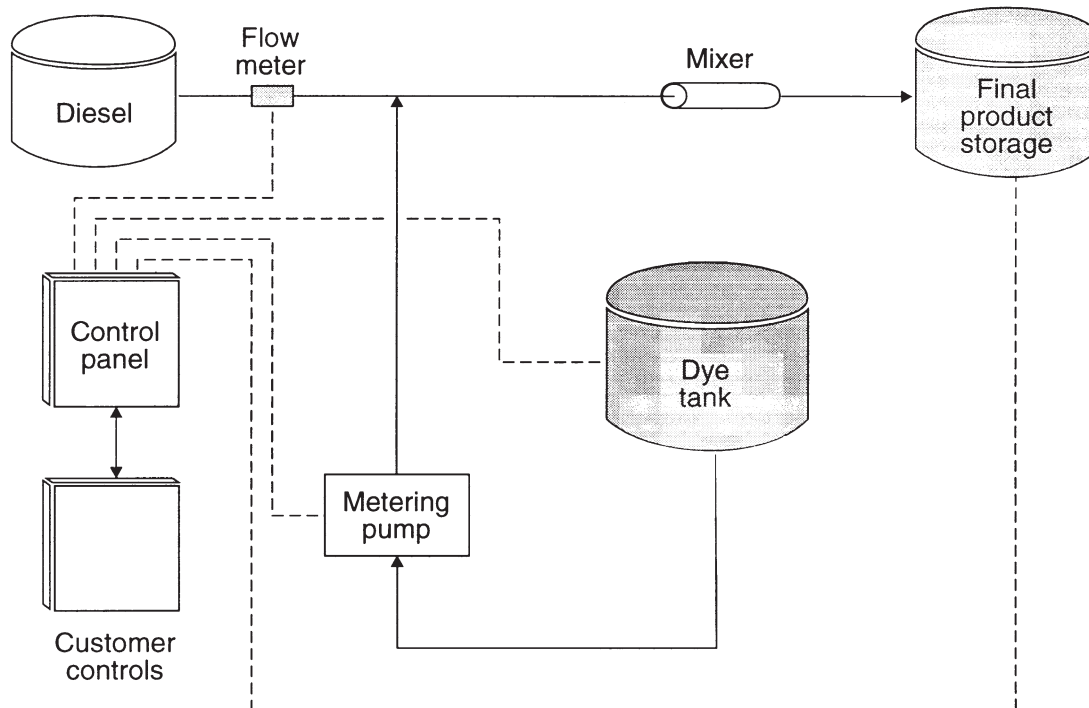
## Advantages

- Optimizes ratio accuracy.
- Reduces cost by eliminating overdosing.
- Diaphragm pumps eliminate leaks.
- Fully automated equipment through use of flow-following control.

## Who Would Benefit?

- Refineries

## Simplified process diagram



## Bran+Luebbe Solution

- Provide a Bran+Luebbe metering pump to meter dye into the diesel pipeline at a precise ratio against a known, fixed flowrate of diesel.
- Use an in line flowmeter to follow the variable flow rate (see diagram on previous page).
- Provide a variable speed drive controlled by a 4-20mA signal generated by the flowmeter.
- A space saving, multi-head pump can also be offered if other chemicals such as corrosion inhibitor, must be injected.

## Why should you be interested?

For example law requires that off-road diesel fuel must be dyed so it can be identified for tax purposes.



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