

2009-10 District Winner

Tool and Equipment Challenge Showcase
<http://wwwi/intranet/or/SolutionsAtWork/ToolEquip.htm>

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Prepared by Organizational Results
Missouri Department of Transportation

Inline Asphalt Filter



Description

A filter was fabricated to trap particulate matter from vendor asphalt tankers to prevent clogs in MoDOT asphalt distributors.

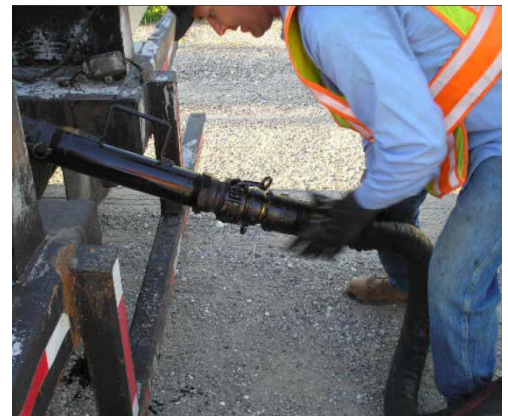
Benefit

This inline filter saves wear and tear on department asphalt distributors by trapping sludge before it reaches the distributor. The inline filter can be changed in a matter of minutes. This also avoids exposing workers to hot oil to clean front and rear filters during oiling operations.



Parts and Labor

1 – piece of 3” steel pipe	\$5
1 – screen	\$103
1 –3” pipe nipple	\$9
1 –3” female coupling	\$22
1 –3” male coupling	\$10
1ft. – 3/8” cold roll	<u>\$1</u>
Total	\$150
Labor	1 hour



For More Information

Contact Keith Hartwig at keith.hartwig@modot.mo.gov or (660) 542-0731. Additional photos can be seen by accessing the Tool and Equipment Challenge homepage at <http://wwwi/intranet/or/SolutionsAtWork/ToolEquip.htm>.