



# ARS Recycling Systems, LLC

## Tank Analysis: Your Return on Investment



## Benefits of Steel Grit Blasting

Ability to recycle/reuse the material

The amount of waste generated significantly reduces disposal costs up to 99%

Steel grit cuts faster and increases productivity 15-20%

Reduces operating costs by lowering set-up times and over-all equipment footprint on the job site

Steel Grit produces better quality with a cleaner surface finish, compared to mineral abrasives

Less abrasive fracturing produces less dust, thereby improving containment visibility resulting in increased blast production and a safer environment

Significantly reduces the impact to the Environment

Overall lower costs of Operation

Inputs of Actual Tank Rehabilitation Project	Steel Grit	Unit of Measurement	Single Use Abrasive
<b>Abrasive Type</b>	Steel Grit	Name	Single Use Abrasive
<b>Number of reuses</b>	75	Qty.	1
<b>Estimated Job Blast Area</b>	20,000	Sq. Ft.	20,000
<b>Estimated Waste Generation Rate</b>	0.266	Lb./Sq. Ft.	0.266
<b>Recycle Rate – % of Abrasive returned after cleaning</b>	0.99	%	0
<b>Cost of Abrasive – delivered</b>	650	\$/ton	250
<b>Waste Disposal Cost</b>	150	\$/ton	150
<b>Amount of Abrasive Blasted per Ft. Sq.</b>	70	Sq. Ft. / Hr. / Nozzle	50
<b>Blast Productivity Increase Factor</b>	0.15	%	0
<b>Average Hourly Wage Rate (\$)</b>	30	\$/Hr.	30



World's leading manufacturer of abrasive blasting and recycling systems, dust collection systems and rapid deployment vehicles.



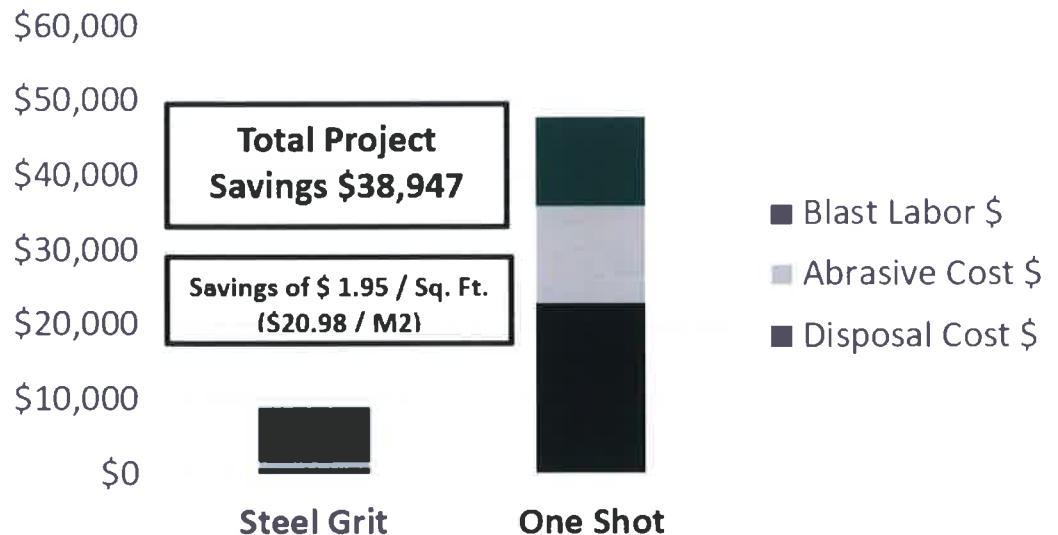
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Results of Actual Tank Scenario	Steel Grit	Single Use Abrasive
<b>Total Job Abrasive Cost</b>	\$845	\$13,000
<b>Total Cost to Dispose</b>	\$822	\$22,899
<b>Total Blast Labor</b>	\$7,286	\$12,000
<b>Total Costs</b>	\$8,952	\$47,899

Cost of Project



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