



## Compressed Air Efficiency Evaluation 2012 Rebate Application

Elk River Municipal Utilities, PO Box 430, Elk River, MN 55330 Ph: 763-441-2020

### Business Customer Information

Company name	_____		
Billing address	_____	Phone	_____
	City	State	ZIP
Installation address <i>(if different from above)</i>	_____		
Account number	_____		
Contact name	_____	Phone	_____
Email	_____		

### Vendor Information

Vendor name	_____		
Vendor address	_____		
City, State, ZIP	_____		
Vendor Contact Name	_____	Phone	_____
Email	_____		

The undersigned does hereby certify that 1) The undersigned, and not Elk River Municipal Utilities (ERMU), is solely responsible for the accuracy of the information contained in this application, 2) all rules of the Compressed Air Efficiency Evaluation Rebate program have been followed, and 3) the installation is complete. Further, the undersigned acknowledges that nothing contained in the application shall impose any liability on ERMU for the work performed and information presented by the customer's engineer, contractor or vendor.

Customer signature \_\_\_\_\_ Date \_\_\_\_\_

### How to Apply for This Rebate

1. Fill out this rebate application. All information needs to be supplied before a rebate check can be issued. Please note all warranty information, rules, and qualifications on the rules and information tabs of this form.
2. Complete and e-mail this form to [tsagstetter@elkriverutilities.com](mailto:tsagstetter@elkriverutilities.com).
3. Call Tom Sagstetter at 763-635-1332 with questions.

Application # \_\_\_\_\_

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### Warranty Information

Rebate qualifications do not imply any representation or warranty of such equipment, design or installation by ERMU. ERMU shall not be responsible or liable for any personal injury or property damage caused by this equipment. ERMU does not guarantee that a specific level of energy or cost savings will result from the implementation of energy conservation measures or the use of products funded under this program. In no event shall ERMU be liable for any incidental or consequential damages.

### Other Important Program Rules

1. Evaluation must be complete before funds will be issued for the rebate.
2. Customers and vendors must submit itemized equipment invoices, along with rebate application and worksheet, to ERMU. To ensure that the equipment installed meets ERMU's performance standards, these invoices must itemize labor charges, quantity and price of the equipment installed, as well as information regarding the manufacturer and model numbers for all equipment included in the rebate.
3. ERMU will conduct both preconstruction and postconstruction inspections of installations. Call 763-635-1332 to schedule.
4. The customer is responsible for checking with ERMU to determine whether funding is available and to verify program parameters.
5. Project must comply with all program specific rules and qualifications.
6. The maximum rebate amount shall be the lesser of 50 percent of the project cost or \$20,000
7. Qualifying customer must apply for 2012 rebates no later than November 16, 2012.

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### Compressed Air Evaluation Information

Total installed compressor horsepower (excluding backup):	<input style="width: 90%;" type="text"/>	Operating Hours per year:	<input style="width: 90%;" type="text"/>
Total cost of proposed Compressed Air Evaluation:	<input style="width: 90%;" type="text"/>	Air leak test completion date:	<input style="width: 90%;" type="text"/>
Estimated evaluation completion date:	<input style="width: 90%;" type="text"/>	Rebate	<input style="width: 90%;" type="text"/>

### Cost Share Funding of Compressed Air Evaluation Costs

Compressor Hp	Cost Share Funding
50 - 74	50% up to \$2,000
75 - 99	50% up to \$2,500
100 and greater	50% up to \$15,000

#### Specific Rules and Qualifications

ERMU offers rebates to qualifying customer with electrically driven compressed air systems greater than 50 hp. Customers are eligible for the Compressed Air Evaluation rebate incentive once every five years through participating contractors. Qualifying compressed air systems must meet the following requirements:

1. Electrically driven.
2. Total installed air compressor capacity greater than 50 hp (excluding backup equipment).
3. Operate at least 2,000 hours per year.

#### The Compressed Air Efficiency Evaluation must include the following components:

1. An ultrasonic leak survey which identifies and locates tag air leaks.
2. An estimate of the cost of system inefficiencies, including customers costs, demand (kW) and energy (kWh), resulting from leaks and misuses of the air system.
3. An efficiency report detailing the recommendations which will improve system efficiency.
4. An estimate of the energy cost savings, including demand (kW) and energy (kWh) savings, which would result from the system improvement recommendations.

#### The report must also specifically include the following information of the compressed air system components:

1. Compressor number, type, capacity, pressure and age.
2. Compressor motor size, efficiency and age.
3. Type, capacity and age of dryers and other conditioning equipment.
4. Description of major compressed air end uses.
5. Location and layout of piping and major system components.

6. Inspection of all compressed air system components and identification of problem areas.
7. Identify system loading of major compressed air users including size, frequency and duration of use. Measure the output of each individual compressor and the overall system in cfm. Calculate energy consumption in kWh and determine the annual cost of operating the existing compressed air system.
8. Provide flow and/or electric metering results.
9. Identify the results of the leak and unregulated demand inspection, including the location and approximate size of each leak.
10. Identify the process to implement the system energy efficiency improvements and provide cost estimates to repair the leaks, unregulated end-uses and inefficient compressed air applications.
11. Provide the customer a list of recommended improvements to their own maintenance procedures.
12. Provide customer with follow-up actions to improve operation and efficiency.
13. Submit the Compressed Air Evaluation application along with the proposed study to ERMU.
14. Repairs must be made to 50 percent of the air loss due to leaks and waste identified in the evaluation to be eligible for the rebate.