

Pre-Assessment Data

CEERI Industrial Assessment Center



Boise State University
Idaho State University
University of Idaho

Please return to:
Kelly Moylan, Operations Manager
kellymoylan@boisestate.edu
(208) 426-4053

Form completed by: _____
Date form completed: _____
Contact information: _____

Company Name: _____
Address: _____
Phone: _____
Fax: _____
Contact: _____

Products Made: _____

Raw Materials: _____

Are there any particular problem areas with respect to pollution prevention, waste products, or energy consumption that you would like the team to pay special attention to?

Have there been any major changes to equipment or processes in the past year?

Other Comments: _____

Are there any Safety Requirements the team should know about? (hard hats, hearing protection, safety glasses, steel toes, etc.)

May we take photographs in your plant? (circle one) YES NO Some Areas

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Plant Operations: Please include information on hours of operation as indicated below.

	Shift Start	Shift End	Lunch Break	Hours per shift	Number of Employees	Work days per year	Work weeks per year
Production Shift 1							
Production Shift 2							
Production Shift 3							
Office							
Shipping / Warehouse							
Other(s)							

Plant Layout: Please provide a drawing or sketch of your plant layout indicating major processes and equipment etc.

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Process Description(s): It would be helpful to review a schematic or flow chart of your processes from raw material receipt through product manufacture and final product packaging and shipping. If you have drawings of your processes please attach them to these forms; or if unavailable please sketch them below.

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Utility Billing: Please provide bills for the past 12 months to help us understand your typical annual usage and costs for the following:

<u>Utility</u>	<u>Supply Company</u>	<u>Approx. Annual Usage</u>	<u>Approx. Annual Cost</u>
Electricity*			
Natural Gas*			
Other Fossil Fuels			
Water			
Trash			

**Assessment visit can be scheduled once we receive copies of these bills.*

Electricity Consumption:

Number of meters: _____

Are you aware of any power factor issues? _____

Additional information: _____

Fossil Fuel Consumption:

Types of fuels used (e.g. natural gas, propane, fuel oil, other): _____

Processes in which fossil fuels are used: _____

Water Consumption and Treatment:

Is water treated in-house? _____

Is water recycled in-house? _____

Describe in-house water treatment facilities (filtration, RO, pH, flow rates etc.): _____

Sewage volume and associated costs: _____

Pollution Prevention: Please provide information relative to pollution prevention areas such as solvents, coatings, abrasives, lubricants, chemical surface preparation solutions, air releases, wastewater treatment and general landfill waste information. Record N/A if not applicable.

<u>Waste Material</u>	<u>Source</u>	<u>Pounds per year</u>	<u>Current Disposal or Treatment Method(s)</u>	<u>Costs</u>

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Major Energy Consuming Equipment: Please provide information on the equipment and processes that consume the major portions of energy in your plant. (Cells will expand as data is typed.)

Voltage (What is the plant voltage? Do any areas have different voltages?)

Compressors (Size and number, HP, type, pressure, service factor, synthetic or hydrocarbon lubricants)

Qty:	HP:	Pressure:	System/Area Served:	Other details:

Pumps (Size and number, HP, type, pressure)

Qty:	HP:	Type:	Pressure:	Application:	Other details:

Large Motor Drives (HP, VFD), where used

Qty:	HP:	VFD?	Application:	Other details:

Boilers (Size, fuel, steam or hot water, service factor – time and application of use)

Qty:	Size:	Fuel:	Pressure:	Other details:

Furnaces / Ovens (KW or BTU, application, service factor)

Qty:	kW/Btu:	Application:	Other details:

Chillers, Refrigerators and Cooling Towers (KW, tonnage, coolant temperature, service factor etc.)

Qty:	Type:	Size:	Application:	Other details:

HVAC Equipment (tonnage, when and where used, temperature of cooled areas)

Qty:	Size:	Area Served:	Winter Setpoint:	Summer Setpoint:	Other details:

Other energy intensive equipment (#, function, type, BTU or KW, average load)

Type:	Qty:	Other details: