

Laundry technical information CHECK

Plant name

Street

Post code, city

Phone

Contact

Submitted by

Date

Key Data (p e r y e a r)

Yearly textile production from all tunnels (CBW's) in TONS

If € is not the local currency please change accordingly

t per year

Yearly textile production from all wash extractors (WE) in TONS

t per year

Yearly textile production from all CBW's and WE together in TONS

t per year

Gas consumption (Thermal) per year in kWh

kWh gas per year or

Gas consumption (Thermal) per year in CBM

cbm gas per year

Oil consumption (Thermal) per year in LTR

liter oil per year

Water consumption per year in CBM

cbm per year

Electrical energy consumption per year in kWh

kWh per year

Gas cost per kWh (Thermal)

If € is not the local currency please change accordingly

€c per kWh Gas or

Gas cost per CBM (Thermal)

€c per cbm Gas

Oil cost per LTR (Thermal)

€c per Liter

Water cost per CBM (In and Out)

€ per cbm

Electrical cost per kWh

€c per kWh

Gas cost per year for kWh

If € is not the local currency please change accordingly

€/year

Gas cost per year for CBM

€/year

Oil cost per year for LTR

€/year

Water cost per year for CBM

€/year

Electrical cost per year for kWh

€/year

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Production Data

Laundry production	<input type="text"/>	t per day	Days of production	<input type="text"/>	days per week
Production h/day	<input type="text"/>	h per day	Weeks of production	<input type="text"/>	weeks per year

Washroom Equipment

Continuous batch washers

Type	Batch size (kg)	No of comp.	Cycle time	Cycles per day	Water (l/kg)	Water flow m³/h	Temperature fresh water	Temperature main wash	Temperature press water

Washer extractors

Type	Batch size (kg)	Cycles per day	Capacity per hour	Water (l/kg)	Temperature main wash

Additional water using equipment

Type	Water consumption

Dryer

Type	Size (kg)	Way of Heat Production		No. of units	Infra red sensor ex.?	Moisture sensor ex.?
		<input type="checkbox"/>	Steam Heated	<input type="checkbox"/>	Gas Fired	
		<input type="checkbox"/>	Steam Heated	<input type="checkbox"/>	Gas Fired	
		<input type="checkbox"/>	Steam Heated	<input type="checkbox"/>	Gas Fired	
		<input type="checkbox"/>	Steam Heated	<input type="checkbox"/>	Gas Fired	
		<input type="checkbox"/>	Steam Heated	<input type="checkbox"/>	Gas Fired	

Ironers

Type	Size (kg)	Way of Heat Production		No. of units	No of rolls	Size of rolls	Pieces / h	Type of textiles
		<input type="checkbox"/>	Steam Heated	<input type="checkbox"/>	Gas Fired			
		<input type="checkbox"/>	Steam Heated	<input type="checkbox"/>	Gas Fired			
		<input type="checkbox"/>	Steam Heated	<input type="checkbox"/>	Gas Fired			
		<input type="checkbox"/>	Steam Heated	<input type="checkbox"/>	Gas Fired			
		<input type="checkbox"/>	Steam Heated	<input type="checkbox"/>	Gas Fired			

Finisher

Type	Size (kg)	Way of Heat Production		Pieces / h	Type of textiles
		<input type="checkbox"/>	Steam Heated	<input type="checkbox"/>	Gas Fired
		<input type="checkbox"/>	Steam Heated	<input type="checkbox"/>	Gas Fired

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Energy

Burner	<input type="text"/>	brand
Capacity	<input type="text"/>	tons of steam per hour
Steam pressure	<input type="text"/>	bar
Utilisation	<input type="text"/>	% (100% = full utilisation)

Is a flash steam recovery existing?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Is a heat exchanger for the flue gas of the burner existing?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Flue gas temperature	<input type="text"/>	°C
Temp. of the boiler feed tank (b.f.t.):	<input type="text"/>	°C
Is a Reverse Osmosis existing for the boiler feed tank ?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Water cons. of the boiler feed tank:	<input type="text"/>	cbm/day

Is vapour/steam visible above the roof of the laundry?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
If yes: Is the source the boiler feed tank?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
If yes: Is the source the ironer?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
If yes: Is the source the finisher?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
If yes: Is the source the dryer(s)?	<input type="checkbox"/> Yes	<input type="checkbox"/> No

Water

Which water types are used in the laundry?	<input type="checkbox"/> well (ground) water
	<input type="checkbox"/> city water
	<input type="checkbox"/> hard water
	<input type="checkbox"/> soft water
	<input type="checkbox"/> mixed water hard/soft
	<input type="checkbox"/> osmosis water for steam

Water hardness	<input type="text"/>	°dH before softening
	<input type="text"/>	°dH after softening

Average fresh water temperature	<input type="text"/>	°C
Average waste water temperature	<input type="text"/>	°C

Is an Energy Optimiser existing?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Is an Aquamiser existing?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Additional W&E saving equipment?	<input type="checkbox"/> Yes:	<input type="checkbox"/> No

Reuse rinsewater from CBW to WE

Textiles

Which textiles are washed in this laundry?	<input type="text"/>	percentage %
	<input type="text"/>	hospital
	<input type="text"/>	hotel
	<input type="text"/>	workwear white
	<input type="text"/>	workwear colored
	<input type="text"/>	nursing home textiles from older peoples
	<input type="text"/>	mats
	<input type="text"/>	mops
	<input type="text"/>	other textiles

Colors of textiles	<input type="text"/>	percentage %
	<input type="text"/>	white textiles
	<input type="text"/>	colored textiles
	<input type="text"/>	pastel colored
	<input type="text"/>	mixed white and colored textiles