

IAQ and Conservation Equipment Benefit Worksheet

Operational Cost Reduction

Interruption Costs	_____	x	_____	x 20 years*	= _____
	Cost per hour		Hours per year		Interruption savings

Reducing re-work	_____	x	_____	x 20 years*	= _____
	Cost per piece		Pieces per year		Re-work savings

Reducing energy costs	_____	x	_____	x 20 years*	= _____
	Avg. hourly savings		Hours per year		Energy Savings

Reducing need for skilled labor	_____	x	_____	x 20 years*	= _____
	Avg. Hourly cost		Hours per year		Labor savings

_____	x	_____	x 20 years*	= _____
Recruitment costs		Employees/yr.		Labor savings

Reducing maintenance costs	_____	x	_____	x 20 years*	= _____
	Avg. hourly cost		Hours per year		Labor savings

_____	x	_____	x 20 years*	= _____
Replacement cost		Parts per year		Parts savings

Reducing worker's compensation costs	_____	x	_____	x 20 years*	= _____
	Average claim cost		Claims per year		Compensation savings

* Approximate amount of years. This can be changed depending on the equipment.

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Reducing cost of capital investments

Reducing need for plant expansion _____ x _____ = _____
Cost new plant/equip. Number of plants Plant & equipment savings

Reducing equipment replacement costs _____ x _____ x 20 years* = _____
Equipment cost Pieces/equipment/yr Replacement savings

Reducing HVAC system installed costs _____ x _____ x 20 years* = _____
Equipment cost Installation cost HVAC system savings

Improved Product Value

Value of improved market image _____ x _____ x 20 years* = _____
Value increase per unit Units per year Value improvement

Reduced scrap rate _____ x _____ x 20 years* = _____
Profit per unit Units per year Scrap reduction value

Material property improvements _____ x _____ x 20 years* = _____
Value increase per unit Units per year Value improvement

* Approximate amount of years. This can be changed depending on the equipment.

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Improved Operational Response

Avoid expensive peak capacity purchases _____ x _____ = _____
Cost/unit purchased Units per year Reduced cost of operation

Avoid unscheduled maintenance _____ x _____ x 20 years* = _____
Cost/per event Events per year Reduced cost/operation

Less equipment required _____ x _____ = _____
Cost/item/extra equip. Number of items Reduced equipment cost

Value increased by storage _____ x _____ x 20 years* = _____
Change/product value Units per year Peak demand value increases

TOTAL IAQ / CONSERVATION PROJECT ECONOMIC BENEFITS = _____

* Approximate amount of years. This can be changed depending on the equipment.