Mandatory Environmental Requirements

Before initial visit, IWRC staff will compile a list of all applicable environmental regulations and requirements for compliance:

- Compliance with air quality regulations
- Compliance with storm water regulations
- Compliance with wastewater regulations
- Compliance with nonhazardous and hazardous waste regulations

Environmental Management

Tracking mechanisms in place (0-5 Points)

- Energy
- Water
- Wastewater
- Waste generation rates
- Inventory

Environmental Plan in place (0-12)

- Documentation of process line inspection
- Documentation of HVAC inspection/cleaning/filter replacement schedules
- Documentation of plumbing inspection
- Standard operating procedures (SOPs) for operational efficiencies
- Documentation of brewhouse heat recovery protocols
- Documentation of optimal operating temperatures for hot water heaters, HVAC, boilers, etc.
- Documentation of storm water best management practices-SWPPP or No Exposure
- SOPs for wastewater recycling or reuse
- SOPs for reducing solids in wastewater discharge
- SOPs for spent grain diversion from landfill
- Documentation of recycling plan
Documentation of annual waste audit

Annual assessment (internal or external) conducted to evaluate operating procedures and identify opportunities for improving environmental practices (4 Points)

A policy/mission statement that supports the brewery's commitment to environmental stewardship and communicate to employees and customers (0-3 Points)

Energy Efficiency

- Pipes and process lines free of leaks (0-3 Points)
- Insulated pipes, plumbing, refrigerant, and process lines in good repair (0-2 Points)
- Efficient entries to walk-in refrigerators/freezers (0-2 Points)
- Air filters in good repair/free from excess debris (1 Point)
- HVAC duct work in good repair (2 Points)
- Installation of motion sensors or timers for lighting (1 Point)
- Installation of high-efficiency HVAC unit(s) (0-4 Points)
- Brewhouse heat recovery and efficiency projects in place (0-3 Points)
- Installation of high-efficiency water heater (2 Points)
- Installation of high-efficiency appliances and electronics (0-2 Points)
- Installation of CFL, LED, or other high efficiency lighting system (0-3 Points)
- Use of programmable thermostat (0-2 Points)
- Use of renewable energy (0-3 Points)
- Installation of high-efficiency windows and doors (0-3 Points)

Water Quality/Conservation

- Monitor water to beer ratio (0-3 Points)
- Recycling or reuse of process water (0-3 Points)
- Reduction of solids in wastewater discharge (0-3 Points)
- Installation of WaterSense rated equipment (0-5 Points)
- Use of environmentally friendly or neutral cleaning chemicals (0-2 Points)
- No leaks in plumbing (2 Points)
- Landscape watering efficiencies in place (1 Point)

Total Environmental Management Score: ____________/24

Total Energy Efficiency Score: ____________/33

Total Water Quality/Conservation Score: ____________/19
Resources/Solid Waste Management

___ Diversion of spent grains from landfill (0-2 Points)
___ Diversion of food waste from landfill (0-3 Points)
___ Recycling of traditional recyclable materials (0-4 Points)
___ Recycling of non-traditional recyclable materials (0-2 Points)
___ Purchase of recycled/organic products (0-2 Points)
___ Use of reclaimed materials (0-3 Points)
___ Use of recyclable packaging (0-2 Points)
___ Use of reusable glass bottles or containers (0-2 Points)
___ Promotion of recycling at facility and outside events (0-2 Points)
___ Annual waste audit conducted (2 Points)

Total Resources/Solid Waste Management Score: __________________/24

Environmental Practices Not Listed

Other environmental practices in place but not included in the Certification checklist will be at the reviewer’s discretion.

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_____________________________________________________________________________________
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Extra Points _______

TOTAL SCORE: 

______/100

65-75 Points - Bronze
76-85 Points - Silver
86+ Points - Gold

*See Recommendations Report