



Requirements for TRSA Clean Green Certification
January 25, 2012

TRSA Clean Green certification requires a facility to implement enough Best Management Practices (BMPs) such that enough points (Table 1) are accumulated to meet the requirements established in Table 3 or Table 4 below. The total BMP points required depends on whether a facility meets the water and energy standards in Table 2. Sixty points from Tier 1 BMPs are required for certification whether the water and energy standards are met or not. If the water and energy standards are met, 40 additional BMP points are required from either the remaining Tier 1 BMPs or Tier 2 BMPs. If only the water or energy standards are met, 70 additional BMP points are required.

Table 1

Best Management Practices	Points
Tier 1 BMPs	
Boiler Heat Recovery or Direct-fired Hot Water Heater	20
Wastewater Heat Recovery	20
Wastewater Pre-treatment, Mechanical Solids Removal	20
Wastewater Pre-treatment, Advanced Treatment Technologies	20
Water Reuse Technology	20
Tier 2 BMPs	
Alternative Energy, Solar or Geothermal	10
Energy audit (every 3-years)	10
Energy efficient lighting and/or Skylights	10
Fleet Vehicle Route Optimization	10
Fleet vehicles - alternative fuels (minimum 15%)	10
Low temperature detergents	10
Nonylphenol Ethoxylate (NPE) Free Detergent	10
Preventative Maintenance (boiler or direct-fired hot water heater)	10
Recycling Program	10
Spill Prevention Plan or Slug Discharge Control Plan	10

Table 2
Water and Energy Standards

	> 5MM pounds annual production	≤ 5MM pounds annual production
Water Standard	≤ 2.6 gal/lb.	≤ 3.2 gal/lb.
Energy Standard	≤ 3,000 BTU's/lb.	≤ 3,700 BTU's/lb.

Table 3
BMP Point Requirements for TRSA Clean Green Certification
If Water and Energy Standards Are Met

Minimum Tier 1 BMP Points	Tier 1 or Tier 2 BMP Points	TOTAL
60	40	100

Table 4
BMP Point Requirements for TRSA Clean Green Certification
If Only Water or Energy Standards Are Met

Minimum Tier 1 BMP Points	Tier 1 or Tier 2 BMP Points	TOTAL
60	70	130

Other Requirements for TRSA Clean Green Certification

1. Initial certification will be by a paper audit.
2. This is a company-wide certification program.
 - a. All of a company's eligible plants must submit documents for certification. (See (c) and (d) for exemptions to this requirement).
 - b. To be certified, a company with 10 or more plants must have 90% of their submitting plants meet the BMP point requirements in Table 3 or Table 4. Companies with less than 10 plants must have at least 75% of their submitting plants meet the BMP point requirements.
 - c. New acquisitions are exempt from applying for certification for three years from the date of acquisition.
 - d. Facilities with cleanrooms are exempt from applying for certification until water and energy standards can be developed for them.
3. Physical inspections – After initial certification based on a paper audit, 10% of a company's plants will have a physical inspection over a three-year period.
4. Each certification interval will be for a three-year period.