Wisconsin Drycleaner 5 Star and Environmental Certification Program

Jack Annis
University of Wisconsin-Stevens Point
Solid and Hazardous Waste Education Center
715-346-2793  jannis@uwsp.edu
Wisconsin Drycleaner Partnership

- Wisconsin Drycleaner Partnership originated in 1994 with a coalition of industry, state agencies and NGO’s who wanted to address the environmental impact of dry cleaning.
- Many months of lively debate between the partners to arrive at consensus on issues.
- Partnership still active and moving forward
Wisconsin Drycleaner Partnership
Objectives

- Pollution prevention: reduce overall usage of perchloroethylene (perc) and other solvents
- Reduce environmental impact through better management practices that go beyond compliance
- Work together to improve the image of the industry through cooperative efforts
- Develop a recognition program for those going beyond compliance--- 5 Star Program
The Wisconsin Drycleaner 5 Star Program

A recognition system with stringent criteria for advancement based upon

- Going beyond compliance
- Reducing perc and solvent usage
- Implementing wet cleaning in increasing percentages
- Implementing better management practices through education-Certification Programs
Barriers and Criteria for Each Star

- What perc mileage for each Star level? How many pounds cleaned per gallon of perc
- What other criteria should be included? Basic compliance with MACT and haz waste regs
- How much wet cleaning is required?
- Environmental certification-only available from International Fabricare Institute? Expensive and non-Wisconsin focused
One Star Criteria

- Join the program, focus on P2 and strive to reduce solvent use
- Use the WFI Environmental Management Program, EPA Plain English Guide for Perc Cleaners or an equivalent EMS
- Respond openly and honestly to neighbor and customer questions concerning solvents
- Comply with environmental regulations including NESHAP, hazardous waste management and disposal
Two Star Criteria

- Qualify as a one star drycleaner
- Provide information on 5 Star program
- Participate annually in one technical cleaning and one environmental management seminar.
- Have a written spill prevention policy and spill prevention and response devices in place.
- Comply with OSHA, HMA, HAZCOM, SARA including training and records keeping in addition to other environmental regulation
Three Star Criteria

- Qualify as two star cleaner
- Use recycled and recycle bags, hangers
- Attend one state or regional conference
- Management must pass the IFI or WFI Certified Environmental Drycleaner
- Achieve solvent mileage of 450 lbs/gal or 70 lbs/gal petroleum or achieve 20% Wet Cleaning rate as off-set from solvent usage and post the information
- Conduct self compliance audit submit to WFI
Four Star Criteria

- Qualify as 3 star
- Achieve solvent mileage of 600 lbs/gal or 90 lbs/gal petroleum or achieve 25% Wet Cleaning rate as off-set of solvent usage and post the information
- Management must pass either the IFI or WFI Certified Professional Drycleaner
Five Star Criteria

- Achieve solvent mileage of 700 lbs/gal or 110 lbs/gal petroleum or achieve a 30% Wet Cleaning rate as off-set of solvent
- Implement and maintain an employee health and safety air monitoring program
- Demonstrate superior environmental performance as recognized by the Five Star Committee
What are the certifications all about?

- WI-CED started as a national environmental certification from International Fabricare
- WI-CPD, professional development which builds upon environmental certification
- WI-CPW, recognition by the industry that wet cleaning is an important part of being an environmentally responsible cleaner, optional for 5 Star program
Wisconsin’s 5 Star Program Participation

- What are the results so far?
  - [http://www.wiscleaners.com/5star.html](http://www.wiscleaners.com/5star.html)

Only Two 5 Star Awards have been made, one perc cleaner and one petroleum cleaner

25 Companies from 1-4 Star Level

Certifications: 44CED’s

25CPD’s

8CPW’s
Wisconsin’s Drycleaner Partnership Results

- Reduced perc usage through cooperative efforts and recognition
- MACT forces new equipment that reduces waste
- Better shop management through education programs and certification programs
- Environmental remediation program paid for by industry through a self-imposed tax
- Less environmental impact by this industry
- Perhaps 60-65 percent reduction in perc usage
Wisconsin’s Drycleaner Partnership

Where to Get More Information

Wisconsin Fabricare Institute
http://www.wiscleaners.com/faq.html

Wisconsin Department of Natural Resources
http://www.dnr.state.wi.us/org/caer/projects/drycleaning

Wisconsin Department of Commerce
http://www.commerce.state.wi.us/MT/MT-CA-sbcaap

Drycleaner Certification Programs

jannis@uwsp.edu 715-346-2793