







**FDEP Multimedia Program - DRY CLEANERS SECTOR
Inspection Checklist (Part II)**

Facility Name :	Red Bug Cleaners
Facility Address :	5275 Red Bug Lake Rd. Winter Springs, FL 32708
Date/Time :	March 24, 2010/10:29am
Persons present :	Gun Kim, Manager Danielle D. Owens, FDEP
Responsible Official :	Sun Kim, Owner
Phone/Email :	(407)696-4440

Hazardous Waste Requirements {  indicates potential SNCs }

Inspection Question	Rule Reference	Answer
Generator Determination:		
• Days/week operate dryclean unit(s)		5 days/wk
• Pounds of clothes drycleaned per day		140 lbs
• Gallons of separator water generated per day	Do not count if hardpiped to treatment system.	1 gal
• How often is sludge/muck scraped per week?		1 per/wk
• Pounds of sludge/muck collected per scraping		4.5 lbs
• How often are filters changed?		2 per/yr
• How many filters per change?		8
• Sum above information to determine status:	<input checked="" type="checkbox"/> CESQG <input type="checkbox"/> SQG <input type="checkbox"/> LQG*	
CESQG: < 100 kg/month SQG: 100-1000 kg/month LQG: >1000 kg/month		
Preparedness & Prevention		
 Employee notification system?	SQG [40 CFR 262.34(d)(4)]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
 Device to summon emergency response agencies?	SQG [40 CFR 262.34(d)(4)]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
 Portable fire extinguishers and spill control equipment?	SQG [40 CFR 262.34(d)(4)]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
 Are employees trained in HW management?	SQG [40 CFR 262.34(d)(5)(iii)]	<input type="checkbox"/> Yes <input type="checkbox"/> No
 Program to test emergency equipment?	SQG [40 CFR 262.34(d)(4)]	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
 Minimized possibility of spills and releases	SQG [40 CFR 262.34(d)(4)]	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Contingency Planning:		
Designated emergency coordinator?	SQG [40 CFR 262.34(d)(4)(i)]	Gun Kim, Manager
• Posted names and telephone numbers of emergency coordinators, locations of fire alarms and extinguishers, fire department telephone numbers, and evacuation routes?	SQG [40 CFR 262.34(d)(4)(ii)]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Storage of hazardous waste:		
• Calculate the total weight of all perc waste in the storage area as follows:	Maximum quantity limits are: CESQG = 2,200 lbs SQG = 13,200 lbs	
• For 15-gal containers:		240 lbs

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# of containers <u>2</u> x 120 lbs/container = lbs stored		
• For 30-gal containers: # of containers _____ x 240 lbs/container = lbs stored		
➔ Are all HW containers marked with an accumulation start date?	SQG [40 CFR 262.34(d)(4)]	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If not, how long have they been on-site?		N/A
➔ SQG: is waste kept onsite ≤ 180 days?	SQG [40 CFR 262.34(d)]	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
• Is there satellite accumulation?	SQG [40 CFR 262.34(c)]	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
• If applicable, are satellite areas at/near the point of generation?	SQG [40 CFR 262.34(c)]	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
➔ Are containers labeled with the words "Hazardous Waste"?	SQG [40 CFR 262.34(d)(4)]	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If not, percentage of HW containers not labeled:	<input type="checkbox"/> <10% <input type="checkbox"/> 11%-59% <input checked="" type="checkbox"/> >60%	
➔ Are containers in good condition and kept closed?	SQG [40 CFR 262.34(d)(2),(4)]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
• Are containers compatible with contents?	SQG [40 CFR 262.34(d)(2)]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
• Adequate aisle space between waste containers?	SQG [40 CFR 262.34(d)(4)]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
• Are weekly inspections conducted and documented? [62-730.160(6) F.A.C.]	SQG [40 CFR 262.34(d)(2)]	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Recordkeeping		
➔ Are manifests available for the past three years?	CESQG [62-730.030(4) F.A.C.] SQG [40 CFR 262.44]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
• If so, are manifests properly completed?	SQG [40 CFR 262 subpart B]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
➔ Are the originals present?	SQG [40 CFR 262 subpart B]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
• Exception reports?	SQG [40 CFR 268.44]	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
➔ LDRs completed?	SQG [40 CFR 268.7]	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
➔ Does the facility ensure waste disposal to a permitted facility?	CESQG [40 CFR 261.5(g)(3)] SQG [40 CFR 262.12(c)]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Dry Cleaner Stds.		
Is the facility registered and display its registration placard?	376.303, F.S.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Is the facility in the dry cleaner solvent clean-up program? If so, what is the Facility ID #?	376.303, F.S.	<input checked="" type="checkbox"/> Not in Program
Are floor areas where solvent (product and waste) is managed or stored rendered impermeable to solvent?	376.3078(9)(a), F.S.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are all containers of solvent product or solvent waste within secondary containment?	376.3078(9)(a), F.S.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Have all spills of more than 1 quart of dry cleaning solvent outside of a containment structure been reported to the State Warning Point by the owner/operator?	403.161(1)(d), F.S.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
If a spill occurred, did the owner or operator immediately upon the discovery of such a spill, initiate and complete actions to abate the source of the spill?	403.161(11)(d), F.S.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A

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Separator Water Treatment System Questions:

Inspection Question	Answer
Is a separator water treatment system employed?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
If so, is it within secondary containment?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
Does the system include the proper filter?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Are records available to demonstrate that the filters have been changed in accordance with the manufacturer's recommendations?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
Are spent filters disposed of as haz waste?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Are wastewaters that contain soaps, detergents, chlorine, rust, etc. excluded from the treatments system in order to ensure that the filter is effective to treat the chlorinated solvents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A

Industrial Wastewater Standards

Inspection Question:	Rule Reference	Answer
Facility on septic or sewer?		<input checked="" type="checkbox"/> Sewer <input type="checkbox"/> Septic
Vacuum water discharged to:		<input type="checkbox"/> HW drum <input checked="" type="checkbox"/> Tx system <input type="checkbox"/> Ground <input type="checkbox"/> Sink/Toilet
Mop water discharged to:		<input type="checkbox"/> HW drum <input checked="" type="checkbox"/> Tx system <input type="checkbox"/> Ground <input type="checkbox"/> Sink/Toilet
Are solvent-based spotters used on laundry (non-drycleaned) garments?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If the facility discharges to sewer, is it in compliance with local sewer permit?	62.625 F.A.C.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A

Dry Cleaning Equipment

Type	Manufacturer [^]	Model Number [^]	Capacity [^]	Age [^]
Dry to Dry	Multimatic	Mercury F	45 lbs	1995

Other

Number Employees	Years in Operation	Drinking Water
4		<input checked="" type="checkbox"/> City <input type="checkbox"/> Well

Notes by Inspector

Non-Compliance items: 1) Facility does not have a log of dates of when dry cleaning system components were inspected for leaks and could not provide documentation of leak detections being conducted. Facility does not utilize a halogen leak detector (HDL) to detect leaks despite having one available for use. The owner was instructed that the HDL must be used, according to manufacturer's instructions, to detect leaks. 2) Hazardous waste storage containers are not kept in secondary containment. 3) The lid to the misting unit was not in place leaving contents open to the atmosphere. Mr. Kim placed the lid on the unit during the inspection. 4) Rags possibly soiled with perc were not properly disposed of. There were several rags laying on the floor and the machine. Mr. Kim placed the soiled rags in the hazardous waste containers during the inspection. 5) The floor surrounding the perc machine and hazardous waste storage area not properly sealed. 6) Hazardous waste containers not labeled "Hazardous Waste". Mr. Kim had labels available and placed them on the storage containers during the inspection.

Non-compliance items #1 and #2 were previously cited in the inspection conducted on March 26, 2009. Mr. Kim was advised about Best Management Practices (BMPs) and Good Housekeeping Practice. Also, Mr. Kim was given a copy of the Warning Letter that was issued on November 12, 2009 based on violations found during the March 26, 2009 inspection. Mr. Kim had failed to respond to the mailed copy of the letter. He was advised to contact the Department immediately regarding the Warning Letter.