#### FIRST AMENDATORY AGREEMENT

**THIS FIRST AMENDATORY AGREEMENT** is entered into as of the date indicated on the signature page, by and between the **CITY AND COUNTY OF DENVER**, a Colorado municipal corporation ("City"), Party of the First Part, and **ISS FACILITY SERVICES INC.** a Delaware corporation authorized to do business in the State of Colorado, (the "Contractor"), Party of the Second Part.

#### **WITNESSETH**

**WHEREAS**, the parties entered into an Agreement dated April 5, 2013 (the "Existing Agreement") in which the Contractor agreed to provide window washing services at Denver International Airport; and

**WHEREAS**, the City requires additional window washing services for new airport facilities including but not limited to the Hotel and Transit Center; and

**WHEREAS**, the parties desire to amend the Existing Agreement by increasing the Maximum Liability of the Agreement and amending the Scope of Work including the Staffing section; and

**NOW, THEREFORE**, for and in consideration of the premises and other good and valuable consideration, the parties hereto agree as follows:

1. Section 4.03 **MAXIMUM LIABILITY** Subsection A is hereby amended by deleting Section 4.03 Subsection A in its entirety and replacing it with the following:

#### "4.03 MAXIMUM LIABILITY

- A. Any other provision in this Agreement notwithstanding, in no event shall the City be liable for payment under this Agreement for any amount in excess of Six Million Nine Hundred Sixty Five Thousand Five Hundred Fifty Four Dollars (\$6,965,554) (the "Maximum Contract Liability"). The Maximum Contract Liability may only be increased by amendment to this Agreement. All payments under this Agreement shall be paid solely and exclusively from the City's "City and County of Denver, Airport System and Operation and Maintenance Fund" and from no other fund or source. The City is under no obligation to make any future apportionments or allocations to said fund. Any services performed beyond those set forth therein are performed at Contractor's risk and without authorization under the Agreement."
- 2. The Section titled "STAFFING" in EXHIBIT A: **SCOPE OF WO**RK is hereby amended by deleting "STAFFING" section in its entirety and replacing it with the following:

#### "STAFFING

AT THE COMMENCEMENT OF THIS AMENDMENT THE MINIMUM NUMBER OF WINDOW CLEANERS SHALL BE NO LESS THAN (18) EIGHTEEN. WHEN THE PUBLIC TRANSIT CENTER ("PTC") BECOMES ACTIVE (I.E. THE RTD "FAST TRACKS" RAIL

BEGINS PASSENGER SERVICE TO DEN) THE MINIMUM NUMBER OF WINDOW CLEANERS SHALL BE NO LESS THAN (19) NINETEEN. THE CITY/DEN RESERVES THE RIGHT TO APPROVE OR DISAPPROVE THE CONTRACTOR'S STAFFING PLAN.

#### STAFFING AT THE COMMENCEMENT OF AMENDMENT (BEFORE PTC OPENS)

	1 <sup>st</sup> Shift	3 <sup>rd</sup> Shift
	Monday – Friday	Sunday – Thursday
	6:00 AM to 2:00 PM	11:00 PM to 7:00 AM
Full-time Window	12	6 – ISS
Cleaning Personnel	(5 ISS, 7 All Pro Service)	
Full-time Supervisor	1 (All Pro Service)	1 (ISS)
Full-time Project Manager	1	

#### STAFFING ONCE THE PTC OPENS

	1 <sup>st</sup> Shift	3 <sup>rd</sup> Shift
	Monday – Friday	Sunday – Thursday
	6:00 AM to 2:00 PM	11:00 PM to 7:00 AM
Full-time Window	12	7 – ISS
Cleaning Personnel	(5 ISS, 7 All Pro Service)	
Full-time Supervisor	1 (All Pro Service)	1 (ISS)
Full-time Project Manager	1	

- A. If a sub-contractor is used they will need to provide a full-time non-working supervisor of their own for whichever shift they work.
- B. The Project Manager and Supervisory positions are full-time positions and said personnel are to be on the job site eight (8) hours per day. Supervisors are to be "Non-Working" Supervisors (i.e. employees who do not themselves perform the window cleaning work)."
  - 3. EXHIBIT A-1: **SCOPE OF WORK** is hereby added to the Existing Agreement.
  - 4. EXHIBIT A-2: **BID ITEMS** is added to the Existing Agreement.
- 5. EXHIBIT A-3: **STATE OF COLORADO POWER WASHING GUIDELINES** is added to the Existing Agreement.
- 6. EXHIBIT A-4: **SUSTAINABILITY POLICY AND GUIDANCE** is added to the Existing Agreement.
- 7. Except as otherwise provided herein, all of the terms and conditions of the Existing Agreement shall remain in full force and effect as though set out in full herein.

8. This First Amendatory Agreement shall not be effective or binding on the City until fully executed by all signatories of the City and County of Denver.				
[END OF PAGE]				
ISS Facility Services Inc. First Amendment Contract Control No. 201208293-01				

**Contract Control Number:** 

PLANE-201208293-01

**Contractor Name:** 

ISS FACILITY SERVICES INC

By: Feers O hum

Name: FERGUS O'CONNECC (please print)

Title: CFO (please print)

ATTEST: [if required]

Name: Cynthia D. Flowers

(please print)

Title: MoTagy
(please print)





<b>Contract Control Number:</b>	
IN WITNESS WHEREOF, the parties h Denver, Colorado as of	ave set their hands and affixed their seals at
SEAL	CITY AND COUNTY OF DENVER
ATTEST:	By
APPROVED AS TO FORM:	REGISTERED AND COUNTERSIGNED
By	By
	By



#### **EXHIBIT A-1: SCOPE OF WORK**

#### WINDOW WASHING (201208293-01) AMENDMENT-01

#### **General Description**

The Hotel and Transit Center ("HTC") at Denver International Airport ("DEN") has several glass sections and structures that will require periodic cleaning. In order to satisfy these new requirements, the City and County of Denver ("City") and ISS Facility Services ("Contractor") agree to amend Contract 201208293 to increase the Contract Maximum Liability and expand the Scope of Work. The services rendered from this amendment shall be in addition those outlined in Contract 201208293, and all terms and conditions of the Existing Agreement shall remain in full force and effect.

#### Window Cleaning Technical Specifications and Work Items.

As defined in Contract 201208293, EXHIBIT A: "SCOPE OF WORK," window (glass) cleaning entails the complete removal of smudges, tape, oil film, and other types of soil from all glass surfaces. These specifications may extend to other "non-glass" surfaces that, due to convenience and access by window cleaning crew(s), will be cleaned in conjunction with the windows in certain areas.

Some bid items at the HTC are large and can be cleaned more efficiently by using equipment that applies water directly to the surface. Two methods of cleaning shall be permitted: 1) a soft-bristle brush attached to a water-fed pole, and 2) pressure washing. The water-fed pole shall utilize a soft car wash-type brush that applies deionized water to the surface. The pressure washer shall use only water and a nozzle with a flat, fan-like spray that shall never be held closer than two feet from the surface. Water sprayed any closer than two feet can damage the surface and seals. If the water pressure exerted is high enough to hurt a person, Contractor shall reduce the pressure and/or increase their distance from the surface. Pressure washing operations shall be conducted in accordance with the State of Colorado's Low Risk Discharge Guidance, see Exhibit A-3. Regardless of the method, the cleaned surface shall be free of dirt, dust, stains, grease, oil, residues, bird excrement and all other types of soil, streaks, smudges, and water marks. The following bid items shall be cleaned utilizing a water-fed pole or pressure washer: 46I-K & 47A-C.

Bid items that are not cleaned with the water-fed pole or pressure washer shall use a DEN approved glass cleaning chemical, window squeegee tool with a rubber blade, clean sponge and synthetic fiber cloths. After washing, the glass areas shall be free of dust, smudges, oily film, tape, and all other types of soil, streaks, smudges, and water marks. The following items shall be cleaned accordingly: 43A-D, 44A-D, 45A-C, & 46A-H.

At the City Contract Administrator's discretion, alternative cleaning methods shall be considered so long as they produce an equal and acceptable outcome, do not damage or degrade the glass surface, seals, or supporting structures, and comply with all federal, state, and local environmental and safety standards. Bid items and frequencies may also be added (see EXHIBIT A ADDITIONAL SERVICES), deleted, or modified without invalidating this amendment or the Contract by written notice from the City Contract Administrator. In no event shall future additions

or modifications and their associated cost be deemed to constitute an agreement by the City to increase the Maximum Contract Liability set forth.

The Contractor shall provide at its own expense all labor, supervision, chemicals, materials, equipment and all other items necessary or proper for, or incidental to, cleaning the surfaces specified in this amendment unless otherwise noted in Contract 201208293, EXHIBIT A: "SCOPE OF WORK, EQUIPMENT AND FACILITIES TO BE PROVIDED BY THE CITY" and/or Exhibit A-2 "BID ITEMS." Any equipment acquired for the completion of the work required by this amendment (see **Equipment to be Provided by Contractor**) shall be considered "state of the art" and brand new within 45 days after the amendment is fully executed. All equipment necessary to perform the work shall be removed from the premises at the end of each working day. If the Contractor desires for equipment to remain on the Airport site, written authorization must be given by the City Contract Administrator and the equipment must be stored in area(s) designated by the City Contract Administrator.

#### **Scheduling**

Window cleaning within the HTC complex will require advanced planning and multi-agency coordination. Closing or cordoning-off any area(s) must be coordinated in advance with the City Contract Administrator or his/her designee, Airport Operations, Regional Transportation District ("RTD"), and/or other impacted departments/agencies. All work shall be performed to cause the least impact on people, equipment, and the environment.

#### **Equipment to be Provided by Contractor**

Contractor shall provide the City with a list of the equipment they will purchase and/or rent for the performance of this amendment.

#### **Contractor Performance**

The Contractor, in conducting any activity on DEN property, shall comply with all applicable airport, local, state, and federal rules, regulations, statutes, laws, and orders (Environmental Requirements), including the SUSTAINABILITY POLICY AND GUIDANCE, see Exhibit A-4. Each entity, including subcontractors and sub consultants, providing products, goods, and/or services on behalf of DEN must be aware of the DEN Environmental Policy, significant environmental aspects, and which of these activities are relevant to the activities conducted by the entity.

#### **Compensation for Work**

The Contractor shall itemize completed work pertaining to the HTC and this Amendment on the same invoice as Contract 201208293; however, billing associated with the HTC and this Amendment shall not be subject to the 5% Prevailing Wage Increase or any additional money for the monthly insurance reimbursement.

**EXHIBIT A-2: BID ITEMS** 

Bid Item #43 Weekly					
Bid Item Description		\$ Per Occurrence		x 52 = \$ Per Year	
43A	Interior Slider door / partition 1st level West	\$	120.00	\$	6,240.00
43B	Train station Rail Glass front	\$	120.00	\$	6,240.00
43C	Transit Center to Terminal Escalators Wrap In/Ext 5th level	\$	240.00	\$	12,480.00
43D Transit center to term Escalators In/Ext		\$	720.00	\$	37,440.00
			Sub Total	\$	62,400.00

Bid Item #44 Every Other Week					
Bid Item	Description	\$ I	Per ccurrence	x 2 Yes	6 = \$ Per ar
44A	5th level Rail glass East front/back side*	\$	1,054.00	\$	27,404.00
44B	5th level Rail glass West front/back side*	\$	1,054.00	\$	27,404.00
44C	Train Station Booth	\$	60.00	\$	1,560.00
44D	Train Station Rail Glass Back	\$	240.00	\$	6,240.00
			Sub Total	\$	62,608.00

Bid Item #45 Monthly						
Bid Item Description		\$ Per Occurrence			x 12 = \$ Per Year	
45A	West Store Fronts 5th level Exterior	\$	900.00	\$	10,800.00	
45B 1st level Breezeway Int/Exterior (excluding interior vendor space)		\$	180.00	\$	2,160.00	
45C Air shaft / Elevator Glass Box's 5th level		\$	120.00	\$	1,440.00	
			Sub Total	\$	14,400.00	

Bid It	Bid Item #46 Semi-Annual					
Bid Item	Description		Per ccurrence	x 2 =	\$ Per Year	
46A	South End escalator wall East Exterior	\$	1,300.00	\$	2,600.00	
46B	South End escalator wall East Interior	\$	1,560.00	\$	3,120.00	
46C	South End escalator Divider wall East Interior	\$	1,560.00	\$	3,120.00	
46D	South End escalator wall West Exterior	\$	1,300.00	\$	2,600.00	
46E	South End escalator wall West Interior	\$	2,080.00	\$	4,160.00	
46F	South End escalator Divider wall West Interior	\$	2,080.00	\$	4,160.00	
46G	4th level office windows Int/Ext East/ West	\$	1,040.00	\$	2,080.00	
46H	2nd level office windows Ext East/ West	\$	650.00	\$	1,300.00	
46I	South End Large canopy Top (Pressure Wash)	\$	6,240.00	\$	12,480.00	
46J	South End small canopy Top (Pressure Wash)	\$	3,120.00	\$	6,240.00	
46K	North End canopy Top (Pressure Wash)	\$	3,640.00	\$	7,280.00	
			Sub Total	\$	49,140.00	

Bid It	Bid Item #46 Annual					
Bid Item	Description	\$ Per Occurrence	x 1 = \$ Per Year			
47A	South End Large canopy Bottom	\$ 8,960.00	\$ 8,960.00			
47B	South End small canopy Bottom (Including Arched windows)	\$ 4,480.00	\$ 4,480.00			
47C	North End canopy Bottom (Including Arched windows)	\$ 4,480.00	\$ 4,480.00			
47D	>100' Man-lift Rental	\$ 15,000.00	\$ 15,000.00			
		Sub Total	\$ 32,920.00			

Grand Total **\$ 221,468.00** 

#### **EXHIBIT A-3: STATE OF COLORADO POWER WASHING GUIDELINES**

### STATE OF COLORADO

Bill Ritter, Jr., Governor Martha E. Rudolph, Executive Director

Dedicated to protecting and improving the health and environment of the people of Colorado

4300 Cherry Creek Dr. S. Denver, Colorado 80246-1530 Phone (303) 692-2000 TDD Line (303) 691-7700 Located in Glendale, Colorado Laboratory Services Division 8100 Lowry Blvd. Denver, Colorado 80230-6928 (303) 692-3090



http://www.cdphe.state.co.us

# LOW RISK DISCHARGE GUIDANCE: DISCHARGES FROM SURFACE COSMETIC POWER WASHING OPERATIONS TO LAND JULY 2010

This discharge guidance has been developed in accordance with the WQP-27, Low Risk Discharges and addresses the discharge of surface cosmetic power wash wastewater (wastewater) to land, i.e., permeable areas. The Division has not developed a general permit for this type of discharge, and is instead managing the discharge through the development of guidance. When the provisions of this guidance are met, the Division will not actively pursue permitting or enforcement for this category of discharges, unless on a case-by-case basis the Division finds that a discharge has resulted in pollution or degradation of state waters. This low risk guidance replaces the Division's current power washing guidance document.

Surface cosmetic power washing (power washing) is the washing of surfaces exposed to precipitation, through the application of water only, and includes the use of transportable equipment to wash various surfaces. Discharges to land from power washing are a type of industrial activity that are typically short term and of small volume that, with proper management, are not expected to contain pollutants in concentrations that are toxic or in concentrations that would cause or contribute to a violation of a groundwater water quality standard. A large number of these types of discharges occur state-wide every day. Permitting these discharges is resource intensive and does not result in a clear general benefit to environmental quality.

Discharges from power washing operations to surface waters, including irrigation ditches, are not included in the scope of this guidance document. This includes discharges that reach surface waters either directly or through conveyance systems. Conveyance systems include but are not limited to streets, curb and gutter, inlets, ditches, open channels, etc. The Division is evaluating these discharges separately because they pose a significantly greater potential for causing or contributing to a violation of a surface water quality standards. This is because the transport pathway for these discharges is much more direct and the pollutant potential is higher relative to the more stringent standards for aquatic life that apply.

The following conditions <u>must</u> be met by anyone discharging power washing wastewater to land:

- The discharges shall only be from the washing of surfaces exposed to precipitation such as building
  exteriors, outdoor parking lots, sidewalks, patio areas, and exteriors of vehicles (except for vehicles beds,
  chutes, or other surfaces used for containing or transferring materials).
- The discharge shall not be from washing activities associated with spills that require reporting pursuant to 25-8-601(2), C.R.S. Refer to Division Policy WQE-10 for additional information. The Policy is available online at <a href="https://www.cdphe.state.co.us/wq/WhatsNew/SpillGuidanceDocument.pdf">www.cdphe.state.co.us/wq/WhatsNew/SpillGuidanceDocument.pdf</a> or by contacting the Division.
- Discharges to permeable stormwater conveyances such as swales and dry detention basins is allowed only
  when the following additional requirements can be met:
  - The permeable conveyance is designed to handle the amount of water being discharged and all
    water shall soak into the permeable area, i.e. cannot be conveyed or transported to surface water
    during future storm events.
  - o No standing or flowing water can be in the permeable conveyance at the time of discharge.

- This provision does not apply to irrigation ditches including dry irrigation ditches, as irrigation ditches are considered unclassified state waters.
- o Discharges to permeable stormwater conveyances must meet all other conditions of this guidance.
- All water shall soak into the land.
- The addition of chemicals and detergents to the wash water or to the discharge is strictly prohibited.
- Floating or solid materials shall not be evident in the discharge.
- A visible sheen shall not be evident in the discharge.
- The discharge shall not be harmful to vegetation.
- The discharge shall not cause erosion of a land surface.
- The discharge shall not occur during a stormwater runoff event.
- The wastewater may reach the street, curb flow line, impermeable channels, or other open impermeable
  areas provided that it remains in the operators' control and is immediately collected (including all
  deposited pollutants) for discharge in accordance with all conditions of this guidance.
  - All discharges must comply with the lawful requirements of federal agencies, municipalities, counties, drainage districts, and other local agencies regarding any discharges to storm drain systems, conveyances, or other water courses under their jurisdiction.

The following Best Management Practices (BMPs) should be followed, as necessary, by anyone discharging power washing wastewater to land. These BMPs have been developed by the Division to help ensure that the discharge will not negatively affect water quality.

- All BMPs used to meet the provisions of this guidance document must be selected, installed, implemented
  and maintained according to good engineering, hydrologic and pollution control practices. These BMPs
  must be adequately designed to provide control for all potential pollutant sources associated with the
  discharge of power washing wastewater to land.
- Solids and any pooled liquids other than stormwater should be removed from the surface to be cleaned prior to power washing.
- A filter bag or similar filtration device should be used to remove any suspended solids. This device should be used and maintained in accordance with the manufacturers specifications.
- An absorbent oil pad, boom or similar device should be used to eliminate any oil from the discharge water.
- The discharge should be applied at a rate to minimize ponding so there is no potential for the water to flow to a surface water.

The following are alternatives to discharging under this guidance and are options for disposing of power washing wastewater:

- Contact the local wastewater treatment facility to determine whether or not discharge of the wash water to
  the sanitary sewer system is allowed. If discharge to the sanitary sewer is approved by the wastewater
  treatment facility, collect the wash water and send it to the sanitary sewer system in accordance with the
  requirements of the wastewater treatment facility.
- Collect the wash water and dispose of it appropriately at a disposal facility.
- Remove solids and any pooled liquids prior to washing, fully contain the wash water on an impervious
  area, and allow it to completely evaporate. This activity must be conducted under the control of the
  operator, and in a manner that prevents any potential discharge to a storm sewer or other conveyance to a
  surface water.
- Apply for coverage under a CDPS Individual Permit.

#### **Contact Information:**

Questions regarding this action should be forwarded to Nicole Rolfe at: nicole.rolfe@state.co.us

#### EXHIBIT A-4: SUSTAINABILITY POLICY AND GUIDANCE

The City & County of Denver, through its Office of Sustainability and Executive Order 123, is committed to protecting the environment, and the health of the public and its employees. In accordance with this policy, City agencies are directed to procure cost-competitive products and services that minimize resource consumption and negative impacts on the environment and human health.

In requesting proposals for the City when specifically required in the evaluation criteria, expects all responsive proposers to demonstrate commitment to and experience in environmental sustainability and public health protection practices applicable to their line of services. The City during its evaluation processes will actively assess the quality and value of all proposals

Vendors, when applicable, are to follow standards and recommendations of the United States Environmental Protection Agency EPP program, the Green Seal organization, and standards and practices specified by the U.S. Green Building Council, including the Leadership in Energy and Environmental Design (LEED) program.

#### Leadership in Energy and Environmental Design for Existing Buildings (LEED EB)

The Office of Sustainability requires City agencies to fully implement all appropriate LEED-EB principals to minimize negative economic, environmental, and public health impacts of facility operations and maintenance. Thus, services procured through this proposal must meet any directly applicable LEED-EB standards, and otherwise help the City realize the goals of the Office of Sustainability and Executive Order 123.

#### A.1.a Environmentally Preferable Purchasing (EPP) Guidance and Prohibitions:

The City defines Environmentally Preferable products and services as having a lesser or reduced effect on human health and the environment when compared with competing products and services that serve the same purpose. The City's EPP evaluation may extend to raw materials acquisition, energy consumption in manufacturing and transport, packaging, recyclability, waste disposal, and many other factors.

Applicable EPP considerations may factor in the evaluation process of this Proposal. Vendors are encouraged to describe any EPP attributes of the goods or services they offer to the City.

## Products and services with the following attributes meet basic EPP and Office of Sustainability standards, and are favored for procurement:

- Green Seal approved products and services
- Energy Star certified equipment
- Specific Conformance to Green Seal GS-11 and GS-37 standards
- Conformance with California Code of Regulations for maximum allowable VOC content
- Conformance with SCAQMD Rule #1168, or BAAQMD Regulation 8, Rule 51
- Conformance with Carpet and Rug Institute Green Label/Green Label Plus Programs
- Product listing with the Western Regional Pollution Prevention Network

- Product listed with the Center for the New American Dream
- Disposable janitorial products conformance with USEPA Comprehensive Procurement Guidelines
- Products supplied in concentrate
- Products dispensed through automatic metering and mixing equipment
- Products with high recycled material and post-consumer waste content
- Products with minimal petrochemical content
- Highly durable / long-lasting products and applicators
- Products shipped in bulk
- Neutral pH products
- Non-flammable products
- Fragrance and dyes free products
- Proven rapid bio-, photo-, or chemical degradation
- Non-aerosol products
- Locally reusable / locally recyclable packaging
- Other characteristics that can be shown to:
  - o Minimize waste
  - Minimize consumption of energy and resources
  - o Minimize release of toxic compounds
  - o Minimize exposure of workers and the public to pollutants

## Products and services with the following attributes do not meet EPP or Office of Sustainability standards, and are discouraged from procurement under this proposal:

- Combination cleaner-disinfectants
- Products which liberate ammonia (CAS 7664-41-7)
- Products containing the following substances, except in trace amounts (< 0.1%):
  - o alkylphenol ethoxylates
  - o 1,4-dioxane (CAS 123-91-1)
  - o Nitrilotriacetic acid (CAS 139-13-9)
  - o Sodium ethylenediamine tetraacetic acid (CAS 60-00-4)
  - o 2-butoxyethanol or 2-butoxyethanol acetate (CAS 111-76-2, and CAS 112-07-2)
  - o ethanolamine (CAS 141-43-5)
- Products containing phosphates or phosphonates in excess of 0.5% phosphorous by weight
- Products with a Flashpoint of less than 140°F
- Products with a pH of less than 2.0 or greater or than 12.5 at their least dilute working strength
- Products containing more than 20% VOCs by weight
- Products having RCRA Hazardous waste characteristics in their least dilute working strength
- Practices resulting in the air-borne dispersal of dusts and soils
- Practices which rely on volatilization of organic solvents or result in the significant generation of chemical fumes or vapors.
- Practices which prevent the capture and collection of wastewater and water-borne pollutants.

- Products whose principal ingredients are readily absorbed through skin, or cause dermal irritation or sensitization on contact, or rapidly destroy skin tissue or the mucous membranes.
- Products supplied without clearly readable labels that describe product hazards, precautions, and instructions on use and disposal.
- Products for the safe use of which workers must don specialized respiratory protection or general splash protection equipment.

#### The following products and services are prohibited from procurement under this proposal:

- Products containing persistent bio-accumulative toxics
- Products containing Asbestos
- Products containing known carcinogens, mutagens and teratogens
- USDOT Inhalation Hazard rated materials
- Halogenated compounds with an Ozone Depletion Potential greater than 0.01
- Products which have a high risk of causing spontaneous combustion
- Strong chemical oxidizers
- Products containing the chemical elements or compounds listed in Table 1
- Products containing chemical compounds deemed by the Denver Department of Environmental Health to present an undue of risk to human health or the environment in their use or disposal.

Upon request, the vendor must submit documentation proving that all procured products and services meet the prohibitions listed above.

A.1.b Table 1: Prohibited Chemicals and Compounds

	Chemical Name	CAS Number	Comments
1	Arsenic	7440-38-2	
2	Arsenic, compounds of	various	
3	Barium, compounds of	various	not including alloys
4	Cadmium, compounds of	various	not including alloys
5	Carbon tetrachloride	56-23-5	
6	Chlorobenzene	108-90-7	
7	Chloroform	67-66-3	
8	Chromium, compounds of	various	not including alloys
9	1,2-Dichlorobenzene	95-50-1	
10	1,4-Dichlorobenzene	106-46-7	
11	1,2-Dichloroethane	107-06-2	
12	1,1-Dichloroethylene	75-35-4	
13	Hexachlorobenzene	118-74-11	
14	Hexachloroethane	67-72-1	
15	Hydrofluoric Acid	7664-39-3	
16	Lead, compounds of	various	not including alloys
17	Mercury, elemental	7439-97-6	not including amalgams
18	Mercury, compounds of	various	

19	Methylene chloride	75-09-2	
20	Nitrobenzene	98-95-3	
21	Pentachlorophenol	87-86-5	
22	Selenium, compounds of	various	
23	Silver, compounds of	various	not including alloys
24	Tetrachloroethylene	127-18-4	
25	1,1,1-Trichoroethane	71-55-6	
26	1,1,2-Trichloroethane	79-00-5	
27	Trichloroethylene	79-01-6	
28	2,4,5-Trichlorophenol	95-95-4	
29	2,4,6-Trichlorophenol	88-06-2	
30	Vinyl chloride	75-01-4	