California Environmental Protection Agency
Department of Toxic Substances Control

HAZARDOUS WASTE FACILITY PERMIT

Facility Name: United Technologies Corporation Pratt and Whitney Rocketdyne San Jose
600 Metcalf Road
San Jose, CA 95138

Owner Name: United Technologies Corporation
1 Financial Plaza
Hartford, Connecticut 06101

Operator Name: United Technologies Corporation
Pratt and Whitney Rocketdyne San Jose
600 Metcalf Road
San Jose, CA 95138

Permit Number: **07-BRK-10**

Facility EPA ID Number: CAD 001705235

Effective Date: October 15, 2007

Expiration Date: October 14, 2017

Pursuant to California Health and Safety Code section 25200, this Resource Conservation and Recovery Act (RCRA) – equivalent Hazardous Waste Facility Permit is hereby issued to: United Technologies Corporation.

The Issuance of this Permit is subject to the terms and conditions set forth in Attachment A and the Part "B" Application (Operation Plan) dated May 31, 2006. The Attachment A consists of 54 pages.

Original signed by

Raymond Leclerc, P.E., Permit Renewal Team Leader

Hazardous Waste Management Program

Department of Toxic Substances Control

Date _____

United Technologies Corporation
Pratt and Whitney Rocketdyne San Jose
600 Metcalf Road
San Jose, CA 95138
EPA ID No. CAD 001705235

HAZARDOUS WASTE FACILITY PERMIT

ATTACHMENT "A"

TABLE OF CONTENTS

Page

Part I. DEFINITIONS 4

Part II. DESCRIPTION OF THE FACILITY AND OWNERSHIP 5

1. Owner of Facility 5

2. Owner of Real Property 5

3. Operator of Facility 5

4. Location 5

5. Description of Facility Operations 5

6. Facility History 5

7. Facility Size and Type for Fee Purposes 6

Part III. GENERAL CONDITIONS 7

1. Permit Application Documents 7

2. Effect of Permit 7

3. Compliance with the California Environmental Quality Act (CEQA) 8

4. Environmental Monitoring 8

5. Annual Waste Reduction and Minimization Certification 8

6. Access 8

Part IV. PERMITTED UNITS AND ACTIVITIES 10

Part V. SPECIAL CONDITIONS WHICH APPLY TO ALL OF THE FACILITY'S STORAGE UNITS..... 33

Part VI. CORRECTIVE ACTION 34

Figures 35

1. Aerial Overview Photo, United Technologies Corporation 36

2. Facility Location Map 37

3. Plot Plan Map of Entire Manufacturing Operation, UTC 38

4. Storage Facility (2233) Plot Plan 40

5. Storage Facility (2233), Main Pad Quadrant A 41

6. Storage Facility (2233), Main Pad Quadrant B 42

7. Storage Facility (2233), Main Pad Quadrant C 43

8. Storage Facility (2233), Main Pad Quadrant D 44

9. Storage Facility (2233), Storage Sheds 45

10. Storage Facility (2233), Secondary Containment Tanks Shed 46

11. Storage Facility (2233), One of two Secondary Containment Tanks 47

12. Storage Magazine (0312), Plot Plan 49

13. Storage Magazine (0312), Front View 50

14. Storage Magazine (0312), Entrance Door to Units 51

15. Interior of Storage Magazine (0312) 52

16. Ventilation Duct for Storage Magazine (0312) 53

17. Identification Tag per unit, Storage Magazine (0312) 54

Part I. DEFINITIONS

All terms used in this Permit shall have the same meaning as those terms have in the California Health and Safety Code, Division 20, Chapter 6.5, and California Code of Regulations Title 22, Division 4.5, unless expressly provided otherwise by this Permit.

1. **"DTSC"** as used in this Permit means the California Department of Toxic Substances Control.

2. **"Permittee"** as used in this Permit means the Owner and Operator.

3. **"HSC"** as used in this Permit means the Health and Safety Code.

4. **"Cal. Code of Regs."** as used in this Permit means the California Code of Regulations.

5. Unless explicitly stated otherwise, all references to items in this Permit shall refer only to items occurring within the same part.

Part II. DESCRIPTION OF THE FACILITY AND OWNERSHIP

1. Owner of Facility:

The facility owner is United Technologies Corporation headquartered in Hartford, Connecticut.

2. Owner of Real Property

The owner of the Real Property is United Technologies Corporation located at the United Technologies Building, Hartford, Connecticut.

3. Operator of Facility:

The facility operator is United Technologies Corporation, Pratt and Whitney Rocketdyne San Jose.

4. Location:

United Technologies Corporation, Pratt and Whitney Rocketdyne San Jose (UTC) is located at 600 Metcalf Road, San Jose, California 95138 in the Santa Clara County. The UTC facility encompasses 5,200 acres of land located in Township 8 South, Ranges 2 and 3 East of the Mt. Diablo Base and Meridian, and at North Latitude 37° 13' and West Longitude 121° 41'. The terrain at the UTC facility is moderate to steeply sloping with elevations raging from 680 feet to over 1400 feet above mean sea level (MSL) along the ridges in the western portion of the site. See figure 2 for the facility location map.

5. Description of Facility Operations:

Previously the UTC facility developed, manufactured, and tested solid socket motors for a variety of space exploration and defense purposes. The production of solid propellant was discontinued in August 2003 and all other operations ended in December 2004. Currently the UTC's major activities are decommissioning of facilities and equipment, remediation of soil and groundwater, and facilities support operations. Due to these activities UTC is generating hazardous wastes. There are about 241 buildings that will be assessed and decontaminated to remove harmful chemicals and materials from the previous the rocket manufacturing processes. The UTC facility will also conduct remediation processes for soil and groundwater.

6. Facility History

United Technologies Corporation, Pratt & Whitney Rocketdyne, San Jose (UTC) formerly developed manufactured and tested solid rocket motors for a variety of

space exploration and defense purposes from 1959 through 2004. The major portion of the manufacturing process was the mixing, casting, and curing of solid rocket motor propellants. Production of solid propellant ceased in August of 2003. All other manufacturing operations ended on December of 2004. UTC is no longer a manufacturing site. The current major activities are decommissioning of facilities and equipment, remediation of solid and groundwater, and facilities support operations. On June 21, 1997 DTSC issued a RCRA Permit authorizing UTC to store RCRA hazardous waste in the Storage Facility (2233) and Storage Magazine (0312). The RCRA permit was issued for 10 years and it is scheduled to expire on June 20, 2007. UTC submitted a timely completed application for the RCRA permit renewal on May 31, 2006 for storage of RCRA hazardous waste in the Storage Facility (2233) and Storage Magazine (0312).

7. Facility Size and Type for Fee Purposes:

The facility is categorized as a large quantity storage facility for purposes of HSC, Section 25205.19 for annual facility fees.

Part III. GENERAL CONDITIONS

1. Permit Application Documents

(a) The Part "A" Application and Operation Plan dated May, 2006, for the Storage Facility (2233) and Storage Magazine (0312) are hereby made a part of this Permit by reference.

2. Effect of Permit

(a) The Permittee shall comply with the terms and conditions of this Permit and the provisions of the Health and Safety Code and California Code of Regulations (Cal. Code Regs.), title 22, division 4.5. The issuance of this Permit by DTSC does not release the Permittee from any liability of duty imposed by federal or state statutes or regulations or local ordinances, except the obligation to obtain this Permit. The Permittee shall obtain the permits required by other governmental agencies, including but not limited to, those required by the applicable land use planning, zoning, hazardous waste, air quality, water quality, and solid waste management laws for the construction and/or operation of the Facility.

(b) The Permittee is permitted to store hazardous wastes in accordance with the terms and conditions of this Permit. Any management of hazardous wastes not specifically authorized in this Permit is strictly prohibited.

(c) Compliance with the terms and conditions of this Permit does not constitute a defense to any action brought under any other law governing protection of public health or the environment, including, but not limited to, one brought for any imminent and substantial endangerment to human health or the environment.

(d) DTSC's issuance of this Permit does not prevent DTSC from adopting or amending regulations that impose additional or more stringent requirements than those in existence at the time this Permit is issued and does not prevent the enforcement of these requirements against the Permittee.

(e) Failure to comply with any terms or conditions set forth in the Permit in the time or manner specified herein will subject the Permittee to possible enforcement action including but not limited to penalties pursuant to Health and Safety Code Section 25187.

(f) Failure to submit any information required in connection with the Permit, or falsification and/or misrepresentation of any submitted information, is grounds for revocation of this Permit (Cal. Code Regs., tit. 22, §66270.43).

(g) In case of conflicts between the Operation Plan and the Permit, the Permit condition takes precedence.

(h) This Permit includes and incorporates by reference any conditions of waste discharge requirements issued to the Facility by the State Water Resources Control Board or any of the California Regional Water Quality Control Boards and any conditions imposed pursuant to section 13227 of the Water Code.

3. Compliance with California Environmental Quality Act (CEQA)

A Notice of Exemption has been prepared in accordance with the requirements of Public Resources Code section 21000 et seq. and the CEQA Guidelines, section 15062 et seq. of title 14, California Code of Regulations.

4. Environmental Monitoring

The Permittee shall comply with the applicable environmental monitoring and response program requirements of California code of Regulations, title 22, division 4.5, chapter 14, articles 6 and 17.

5. Annual Hazardous Waste Reduction and Minimization Certification

The Permittee shall certify annually that it has a hazardous waste reduction and minimization program and method in place and shall keep the annual certification as part of its Operating Record in accordance with California Code of Regulations, title 22, section 66264.73(b)(9).

6. Access

(a) DTSC, its contractors, employees, agents, and/or any United States Environmental Protection Agency representatives are authorized to enter and freely move about the Facility for the purposes of interviewing Facility personnel and contractors; inspecting records, operating logs, and contracts relating to the Facility; reviewing progress of the Permittee in carrying out the terms of Part VI of the Permit; conducting such testing, sampling, or monitoring as DTSC deems necessary; using a camera, sound recording, or other documentary-type equipment; verifying the reports and data submitted to DTSC by the Permittee; or confirming any other aspects of compliance with this Permit, Health and Safety Code, division 20, chapter 6.5, and California Code of Regulations, title 22, division 4.5. The Permittee shall

provide DTSC and its representatives access at all reasonable times to the Facility and any other property to which access is required for implementation of any provision of this Permit, Health and Safety Code, division 20, chapter 6.5, and California Code of Regulations, title 22, division 4.5, and shall allow such persons to inspect and copy all records, files, photographs, documents, including all sampling and monitoring data, that pertain to work undertaken pursuant to the entire Permit or undertake any other activity necessary to determine compliance with applicable requirements.

(b) Nothing in this Permit shall limit or otherwise affect DTSC's right to access and entry pursuant to any applicable State or federal laws and regulations.

.

Part IV. PERMITTED UNITS AND ACTIVITIES

This Permit authorizes operation only of the facility units and activities listed below. The Permittee shall not treat, store or otherwise manage hazardous waste in any unit other than those specified in this Part IV. Any modifications to a unit or activity authorized by this Permit require the written approval of DTSC in accordance with the permit modification procedures set forth in California Code or Regulations, title 22, division 4.5. UTC currently operates 2 facilities, the Storage Facility (2233), and the Storage Magazine (0312). The Storage Facility (2233) will consist of three units; the Main Storage Pad, the Storage Sheds, and the Roll-off bins. The Storage Magazine is considered a unit in this permit.

Unit Name

Storage Facility (2233) - Main Storage Pad

Location

The Main Storage Pad is located within the Storage Facility (2233) in the eastern portion of the UTC facility at the intersection of Las Animas Road and Manufacturing Road. The Storage Facility (2233) is located more than 50 feet from the property line. Figure 1 and Figure 3 show the location of the Storage Facility (2233) within the UTC facility. Figure 4 of the Appendices shows the Main Storage Pad location within the Storage Facility (2233).

Activity Type

The Main Storage Pad will store hazardous waste.

Activity Description

The storage of hazardous waste will take place in containers (typically 55-gallon drums or cubic yard boxes) that are made of materials compatible with the waste being stored. Other containers that may be found in the Main Storage Pad include, but not limited to, US Department of Transportation (DOT) approved containers 1A1, 1A2, 1G1, 1G2, IH1, and IH2. In addition to hazardous waste contained in 55-gallon drums, the Main Storage Pad may receive wastes housed in containers smaller than 55-gallons, e.g., labpack wastes or off-specification/expired shelf-life products. The wastes are often housed in their original containers and are placed into a 55-gallon drum with inert packing material. The Main Storage Pad is permitted to hold a maximum of 17,600 gallons. The Main Storage Pad can store hazardous wastes for a period of no longer than 1 year. The types of hazardous wastes that can be stored are listed in Table 1 “Hazardous Waste Stream Descriptions Storage Facility 2233”.

Physical Description

The Main Storage Pad consists of an 80-foot by 100-foot reinforced concrete slab located within the fenced area. The Main Storage Pad is covered by a pre-manufactured (Butler Building) steel weather cover and is coated with an impervious chemically-resistant coating to contain leaks, spills, or accumulated precipitation. The base coating is a vinyl ester-based product that is designed to withstand spills of a broad range of acids, bases, and solvents. The Main Storage Pad is divided into four quadrants (A,B,C,D) for waste segregation purposes (see Figure 5, Figure 6, Figure 7, and Figure 8). Each quadrant is sloped to a central floor drain which is routed to two secondary containment tanks. The two secondary containment tanks are located in the northern corner of the Storage Facility (2233) (See Figure 4, Figure 10, and Figure 11 for details on the piping and location of the tanks). Quadrants A and B are routed to the left of the two tanks and quadrants C and D are routed to the right tank.

Maximum Capacity

The maximum permitted storage capacity is 17,600 gallons. The maximum permitted storage capacity can be made of any combination of DOT approved containers. Containers shall not be stacked more than one high.

Waste Types

Refer to Table 1, “Hazardous Waste Stream Descriptions Storage Facility 2233

RCRA Hazardous Waste Codes

Refer to Table 1, “Hazardous Waste Stream Descriptions Storage Facility 2233”.

California Hazardous Waste Codes

Refer to Table 1, “Hazardous Waste Stream Descriptions Storage Facility 2233”.

Air Emission Standards for Containers

- Containers with a capacity less than 0.1 cubic meters (26 Gallons) that are stored in the Main Storage Pad are exempt from air emissions standards for Container Level 1 controls as specified in Cal. Code Regs., title 22, Section 66264.1080(b).

- Containers stored at the Main Storage Pad with a capacity greater than 0.1 cubic meters (26 gallons) and less than 0.46 cubic meters (118 gallons) are subject Containers Level 1 standards specified in Cal. Code Regs., title 22, section 66264.1086(c). UTC shall use only DOT-compliant containers. These containers shall be equipped with covers and closure

devices, as applicable to the container, that are composed of suitable materials to minimize exposure of the hazardous waste to the atmosphere and to maintain the equipment integrity, for as long as the container is in service.

Unit Name

Storage Facility (2233) – Storage Sheds

Location

The storage sheds are located within the Storage Facility (2233). They are located just within the northwest and southwest fence lines. Sheds T, S, F, G, H, I, and J are located along the northwestern fence of the Storage Facility (2233). Sheds O, N, M, L, K, Q, and R are located along the Southwestern fence of the Storage Facility (2233). The Storage Facility (2233) is located more than 50 feet from the property line. Figure 4 of the Appendices shows the location of the Storage Sheds within the Storage Facility (2233).

Activity Type

The Storage Sheds will store specific hazardous wastes listed in Table 1.

Activity Description

Hazardous Waste stored in each shed will be in containers (typically 55-gallon drums or cubic yard boxes) that are made of materials compatible with the waste. The containers that may be found in the Storage Sheds include, but are not limited to US Department of Transportation (DOT) approved containers 1A1, 1A2, 1G1, 1G2, IH1, and IH2. In addition to hazardous waste contained in 55-gallon drums, the Storage Sheds may receive wastes housed in containers smaller than 55-gallons. Each Shed can only contain 8 55-gallon drums of hazardous waste. The Storage Sheds can store hazardous wastes for a period of no longer than 1 year. The types of hazardous wastes that can be stored are listed in Table 1 “Hazardous Waste Stream Descriptions Storage Facility 2233”.

Physical Description

Each Storage Sheds is made of 10-14 gauge steel walls, floors, and roofs with chemical resistant epoxy and polyurethane coatings. Each shed has an interior storage dimension of 10 feet by 6 feet by 7 feet and a storage capacity of eight 55-gallon drums. The sheds also contain corrosion resistant epoxy coated steel grates on the floors.

Maximum Capacity

The total maximum permitted storage capacity for all the sheds is 6,160 gallons. Each individual shed is permitted to store a maximum of eight 55-gallon drums or 440 gallons when physical space allows it. The maximum permitted storage capacity can be made of any combination of DOT approved containers. Containers shall not be stacked more than one high.

Waste Types:

Refer to Table 1, "Hazardous Waste Stream Description Storage Facility 2233".

RCRA Hazardous Waste Codes

Refer to Table 1, “Hazardous Waste Stream Descriptions Storage Facility 2233”.

California Hazardous Waste Codes

Refer to Table 1, “Hazardous Waste Stream Descriptions Storage Facility 2233”.

Air Emission Standards for Containers

- Containers with a capacity less than 0.1 cubic meters (26 Gallons) that are stored in the Storage Sheds are exempt from air emissions standards for Container Level 1 controls as specified in Cal. Code Regs., title 22, Section 66264.1080(b).

- Containers stored in the Storage Sheds with a capacity greater than 0.1 cubic meters (26 gallons) and less than 0.46 cubic meters (118 gallons) are subject Containers Level 1 standards specified in Cal. Code Regs., title 22, section 66264.1086(c). UTC shall use only DOT-compliant containers. These containers shall be equipped with covers and closure devices, as applicable to the container, that are composed of suitable materials to minimize exposure of the hazardous waste to the atmosphere and to maintain the equipment integrity, for as long as the container is in service.

Unit Name

Storage Facility (2233) – Roll-off Bins Storage Area P

Location

The Roll-off Bins are located in sub-location P of the Storage Facility (2233). One sub-location for the Roll-off Bins is close to the North corner of the Storage Facility (2233). The other sub-location is close to the South corner near the entrance to the Storage Facility (2233) from Manufacturing Road. The two Roll-off Bin locations within the Storage Facility (2233) can be seen in Figure 3 of the appendix.

Activity Type

The Roll-off bins will store solid hazardous waste.

Activity Description

Both Roll-off Bin locations within the Storage Facility (2233) will be used to position up to 5 DOT approved Roll-off Bins per location for a total of 10 DOT approved Roll-off Bins. The Roll-off Bins will be used to store debris contaminated by RCRA constituents. Sub-location P of the Storage Facility (2233) will hold different sizes of roll-off bins. The roll-off bins may vary from 15, 20, 40, and 50-cubic yard capacity. The maximum capacity for solid materials stored in all roll-off bins within sub-location P is of 200 cubic yards. The Roll-off bins located in sub-location P of the Storage Facility (2233) can store hazardous wastes for a period of no longer than 1 year. The types of hazardous waste constituents that solids may be contaminated with are listed in Table 1 "Hazardous Waste Stream Descriptions Storage Facility 2233". UTC may not store any containers containing free liquids in the area.

Physical Description

The Roll-off bin areas are designated areas to hold only DOT-approved Roll-off bins. The Roll-off bins can vary in size, but the total permitted capacity within the Storage Facility (2233) is that of 200 cubic yards. The areas designated as P in Figure 4 of the appendices show the location in which the Roll-off Bins will be stored within the Storage Facility (2233).

Maximum Capacity

The maximum total permitted storage capacity for all Roll-off Bins within the Storage Facility (2233) is of 200-cubic yards of solid material. The maximum permitted storage capacity can be made of any combination of DOT approved Roll-off Bin containers.

Containers shall not be stacked more than one high and may not be stored in groups larger than 5 Roll-off Bins

Waste Types:

For the Hazardous Waste constituents that solid waste can be contaminated with please refer to Table 1, "Hazardous Waste Stream Description Storage Facility 2233".

RCRA Hazardous Waste Codes

Refer to Table 1, “Hazardous Waste Stream Descriptions Storage Facility 2233”.

California Hazardous Waste Codes

Refer to Table 1, “Hazardous Waste Stream Descriptions Storage Facility 2233”.

Air Emission Standards for Containers

- Containers with a capacity less than 0.1 cubic meters (26 Gallons) that are stored in the Storage Sheds are exempt from air emissions standards for Container Level 1 controls as specified in Cal. Code Regs., title 22, Section 66264.1080(b).

- Containers stored in the Storage Sheds with a capacity greater than 0.1 cubic meters (26 gallons) and less than 0.46 cubic meters (118 gallons) are subject Containers Level 1 standards specified in Cal. Code Regs., title 22, section 66264.1086(c). UTC shall use only DOT-compliant containers. These containers shall be equipped with covers and closure devices, as applicable to the container, that are composed of suitable materials to minimize exposure of the hazardous waste to the atmosphere and to maintain the equipment integrity, for as long as the container is in service.

Table 1
HAZARDOUS WASTE STREAM DESCRIPTIONS
Storage Facility 2233

Number/ Description	Source Code	Hazardous Waste Constituents	EPA Waste #	California Waste #	Annual Quantity (tons)	Storage Location	Handling
001 Aqueous Waste with low Solvents	Mfg – G08, G09, G11, G13, G14, G15, G19, G22, G23, G32, G33, G39 Remediation – G42, G44, G49	Water, DS-108, Isopropanol, Acetone, Methyl Ethyl Ketone, Toluene, Methanol, Xylenes, Halogenated & non-halogenated solvents, 111-TCA, Perchlorate, Ammonium perchlorate, Perchlorates, Carbon tetrachloride, Petroleum and hydrocarbon solvents, Terpene hydrocarbons glycol ethers, Esters, Detergents, Oil, Alcohols, Trace organic solvents, Trace metals.	D001 D019 D022 D029 D035 F001 F002 F003 F005	122 131 134 135 221 331 341	200	A, B, C, D, K, L, Q, R	

Table 1 (Cont'd)

Number/ Description	Source Code	Hazardous Waste Constituents	EPA Waste #	California Waste #	Annual Quantity (tons)	Storage Location	Handling
002 Water with high solids	Mfg – G008	Solids, Water, DS-108, Isopropanol, Acetone, Methyl ethyl ketone, Toluene, Methanol, Xylenes, Halogenated & non-halogenated solvents, Perchlorates, Ammonium perchlorate, Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium, Silver, Trace Solvents, Trace metals	D004 D005 D006 D007 D008 D009 D010 D011 D035 F002 F003	135 491	100	A, B, C, D, K, L, Q, R	
003 Acid Aqueous waste with metals	Mfg – G08, G11, G16, G19, G39 Lab – G22	Mixed acids, Cadmium, Chromium, Silver, Trace metals	D002 D006 D007 D011	541 551 723	5	I	Corrosive Acid
004 Caustic aqueous waste with metals	Mfg – G08 Lab – G22	Mixed bases, Cadmium, Chromium, Silver, Trace metals	D002 D006 D007 D011	122 541 551	5	J	Corrosive Base
005 Aqueous or organic waste with other reactives (e.g., explosives	Mfg – G008, G25, G39 Lab – G22 Remediation – G41	Water, DS-108, Isopropanol, Acetone, Methyl ethyl ketone, Toluene, Methanol, Xylenes, Halogenated & non-halogenated solvents, 111-TCA, Perchlorates, Ammonium perchlorate, Nitroglycerin, Ammonium nitrate, HMX, RDX, Trace organic solvents	D001 D003 F002 F003	331	100	A, B, C, D, K, L, Q, R at storage facility (2233) if not explosive Storage Magazine (0312) if explosive	Reactive Toxic

Table 1 (Cont'd)

Number/ Description	Source Code	Hazardous Waste Constituents	EPA Waste #	California Waste #	Annual Quantity (tons)	Storage Location	Handling
006 Aqueous Waste with high dissolved solids	Mfg – G08, G09, G25, G32, G33, G39 Lab – G22 Remediation – G41, G45	Water, Solids, Metals, Trace organic compounds	D001	131 132 134 561	20	A, B, C, D, K, L, Q, R	
007 Petroleum hydrocarbons (distillates, naphtha, paraffins, aromatic petroleum solids)	Mfg – G06, G08, G09, G11, G14, G19, G39 Lab – G22	Oil, Petroleum distillates	D001	213 214 221 331	5	A, B, C, D, K, L, M, N, O, Q, R	
008 Halogenated solvents mixtures	Mfg – G08, G09, G11, G13, G24 Lab – G22	Methylene chloride, Methyl ethyl ketone, 111-TCA, CFC 113, CFC's, HCFC's, Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Silver, Carbon tetrachloride, Chlorobenzene, Acetone, Methanol, DS-108, Isopropanol, Xylenes, Alcohols, Trace other organic compounds, Trace metals	D004 D005 D006 D007 D008 D009 D011 D019 D021 D022 D035 F002 F003 F005 U226	211 214 551 741	10	A, B, C, D, K, L, Q, R	Poison, Toxic, High VOC

Table 1 (Cont'd)

Number/ Description	Source Code	Hazardous Waste Constituents	EPA Waste #	California Waste #	Annual Quantity (tons)	Storage Location	Handling
009 Non-Halogenated solvents mixtures	Mfg – G08, G09, G11, G13, G15, G24, G33, G39 Lab – G22	Methyl ethyl ketone, Acetone, DS-108, Methanol, Isopropanol, Isobutyl alcohol, Petroleum & hydrocarbon solvents, Terpene hydrocarbons glycol ethers, Esters, Detergents, Xylenes, Toluene, Arsenic, Barium, Cadmium, Chromium, Lead, Mercury , Silver, Pyridine, Trace methylene, chloride, Trace111-TCA, Trace CFC 113, Alcohols, Trace organic compounds, Trace metals	D001 D004 D005 D006 D007 D008 D009 D010 D011 D035 D038 F002 F003 F005	212 213 214 223 551 741	10	A, B, C, D, K, L, Q, R	Ignitable, High VOC, High BTU
010 Non-halogenated and halogenated solvent mixtures	Mfg – G08, G11, G24 Lab – G22	Methyl ethyl ketone, Acetone, Methanol, Isorpopanol, Isobutyl alcohol, Xylenes, Toluene, Petroleum & hydrocarbon solvents, Terpene hydrocarbons glycol ethers, Esters, Detergents, Methylene chloride, Nitroglycerine, 111-TCA, CFC 113, Oil, Water, Alcohols, Trace organic compounds, Trace metals	D022 D025 D035 F002 F003 F005 P022	133 211 212 214 223 341 342 551 741	70	A, B, C, D, K, L, Q, R	Ignitable, High VOC, High BTU
011 Oil-water emulsion or mixtures	Mfg – G08, G09, G11, G13, G14, G15, G16, G19, G23, G32, G33, G39 Lab – G22 Remediation – G45, G49	Oil, Coolant, Water, Acetone, Methanol, Isopropanol, Isobutyl alcohol, Xylenes, Toluene, Antifreeze, Glycol ethers, Methylene chloride, 111-TCA, CFC 113, Alcohols, Trace organic solvents	F002 F003 F005	134 135 221 341 551	80	A, B, C, D, K, L, M, N, O, Q, R	

Table 1 (Cont'd)

Number/ Description	Source Code	Hazardous Waste Constituents	EPA Waste #	California Waste #	Annual Quantity (tons)	Storage Location	Handling
012 Waste Oil	Mfg – G08, G11, G15, G16, G19, G32, G33, G39 Lab – G22	Oil, Trace metals, Trace organic solvents	Non-RCRA	181 221 223 261 352 551 731	40	A, B, C, D, K, L, M, N, O, Q, R	
013 Other Organic Mixtures	Mfg – G08, G09, G11, G39	Resins, Pre-mix, Trace organic solvents, Chromium, Trace metals	D001 D007	132 134 214 272 331 343 551	20	A, B, C, D, K, L, Q, R	
014 Organic paint, ink, lacquer, or varnish	Mfg – G06, G08, G09, G11, G16, G19, G24, G39 Lab – G22	Methyl ethyl ketone, Toluene, Xylene, 2-Ethoxyethanol, Cadmium, Chromium, Lead, Trace organic solvents, Trace metals	D001 D006 D007 D008 D035 F005	331 352 461 551	50	A, B, C, D, K, L, Q, R	Ignitable, High VOC
015 Adhesives, epoxies, and resins	Mfg – G06, G08, G09, G11, G16, G19, G39 Lab – G22	Methyl ethyl ketone, Toluene, 2-Ethoxyethanol, Alcohols, Terpenes, Hydrocarbons, Trace organic solvents, Trace metals	D001 D035 F005	272 331 551	50	A, G, C, D, K, L, Q, R	Ignitable, High VOC, Poison
016 Paint thinner or petroleum distillates	Mfg – G06, G08, G09, G11, G13, G16, G19, G33, G39	Petroleum distillates, Methyl ethyl ketone, Toluene, Xylene, 2-Ethoxyethanol, Methylene chloride, 111-TCA, Stoddard Solvents, Esters, Glycol ethers, Hydrocarbon solvents, Terpenes hydrocarbons, Alcohols, Cadmium, Chromium, Lead, Trace organic compounds, Solvents, Trace metals	D001 D006 D007 D008 D035 F002 F003 F005	212 213 214 331 551	20	A, B, C, D, K, L, Q, R	Ignitable, High VOC

Table 1 (Cont'd)

Number/ Description	Source Code	Hazardous Waste Constituents	EPA Waste #	California Waste #	Annual Quantity (tons)	Storage Location	Handling
017 Reactive or polymerizable organic materials	Mfg – G08, G09, G11, G16, G19, G39 Lab- G22	Isocyanate and diisocyanate compounds	D001 D003 P105	212 214 271 272 331 352 551	10	A, B, C, D, K, L, Q, R	Poison
018 Inorganic Solids	Mfg – G09, G11, G19	Graphite, Silica, Aluminum oxide, Arsenic compounds, Cadmium compounds, Chromium compounds, Silver, Trace organic compounds, Trace metals	D001 D004 D006 D007 D011	141 181 331 541 551	10	A, B, C, D, K, L, P, Q, R	Ignitable, Poison
019-A Resin Filters with Silver	Mfg – G19, G39, G49 Lab – G22	Silver, Cadmium, Trace metals	D006, D011	132 171 331 541 551	5	A, B, C, D, K, L, Q, R	
019-B Spent Developer, Fixer & Water	Mfg – G08, G09, G11, G19, G39 Lab – G22	Silver, Cadmium, Trace metals	D002 D006 D011	171 541 551	20	A, B, C, D, K, L, Q, R	
019-C Steel Wool with Silver	Mfg – G19, G23, G39 Lab – G22	Silver, Cadmium, Trace metals	D006 D011	171 181 541 551	5	A, B, C, D, K, L, Q, R	
019-D Silver Flake	Mfg – G39	Silver, Cadmium, Trace metals	D006 D011	171 541 551	5	A, B, C, D, K, L, Q, R	
019-E Photographic Film	Mfg – G11, G19, G39 Lab – G22	Silver, Trace metals	D011	171 541 551	5	A, B, C, D, K, L, Q, R	
020 Solid resins or polymerized organic compounds	Mfg – G11, G19, G22	Resins, Isocyanate compounds, Trace organics, Trace metals	D001 D003	271 551	5	A, B, C, D, K, L, P, Q, R	Poison

Table 1 (Cont'd)

Number/ Description	Source Code	Hazardous Waste Constituents	EPA Waste #	California Waste #	Annual Quantity (tons)	Storage Location	Handling
021 Halogenated organic solids	Mfg – G11, G33	Acetone, Methanol, Isopropanol, Isobutyl alcohol, Xylenes, Toluene, DS-108, Methylene chloride, 111-TCA, CFC 113, Carbon tetrachloride, Chlorobenzene, Chloroform, Trace organic compounds, Methyl ethyl ketone, p-Cresol, Trace metals	D001 D003 D025 D035 F002 F003 F005	352 551	25	A, B, C, D, K, L, P, Q, R	Reactive
022 Non-halogenated organic solids	Mfg – G06, G09, G11, G14, G15, G16, G19, G21, G32, G33, G42, G49, G39 Lab – G22	Solids, Aluminum, Toluene, Esters, Glycol ethers, Petroleum & hydrocarbon solvents, Alcohols, Plyglycol powder	D001 D005 D035 F002 F003 F005	331 352 513 551	25	A, B, C, D, K, L, P, Q, R	Ignitable
023 Empty or crushed metal drums or Containers	Mfg – G06, G09, G11, G15, G16, G19, G25, G32, G33, G39 Lab – G19, G22 Remediation – G41, G49	Metals, Trace organic compounds, Trace residues	Non-RCRA	141 181 512 513	25	A, B, C, D, K, L, P, Q, R	
024 Gases & Aerosols	Mfg – G06, G09, G11, G16, G19, G33, G39, G49 Lab – G22	Paints, Adhesives, Mold release compounds, Other organic solvents	D001 D002 D003	141 331 512 551	5	A, B, C, D, K, L, Q, R	Lab pack, Ignitable, Corrosive

Table 1 (Cont'd)

Number/ Description	Source Code	Hazardous Waste Constituents	EPA Waste #	California Waste #	Annual Quantity (tons)	Storage Location (Typical)	Handling
025 Lab packs of off-spec. or out-of-date materials and debris	Mfg – G06, G09, G11, G16, G19, G32, G33, G39, G49 Lab – G22	Barium, Cadmium, Chromium, Lead, Mercury, Silver, Methyl ethyl ketone, Acetone, Methanol, Isopropanol, Isobutyl alcohol, Xylenes, Toluene, Methylene chloride, Nitroglycerin, Nitrocellulose, Ammonium nitrate, Petroleum & hydrocarbon solvents, Terpene hydrocarbons glycol ethers, Esters, 111-TCA, CFC 113, Alcohols, Other Acids, Other bases, Water reactives, Air reactives, Trace organic compounds, Trace metals	D001 to D011 D018 D019 D021 D022 D025 D028 D033 D034 D035 D036 D039 D040 D043 F001 to F009 F039 Misc. P-Codes & U Codes	121 122 13 131 132 133 134 135 141 151 171 172 181 211 212 213 214 (Other State Codes as Required)	45	A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, Q, R, S, T (segregation dependant upon hazard)	Lab packs, Ignitable, Corrosive, Reactive, & Other Water and Air Reactives
026 Spent carbon containing organic compounds	Remediation – G11, G15, G19, G21, G24, G25 G39, G41, G49	Carbon tetrachloride, Chlorobenzene, Acetone, Methanol, Isopropanol, Isobutyl alcohol, Xylenes, Toluene, Methylene chloride, 111-TCA, CFC 113, Petroleum & hydrocarbon solvents, Terpene hydrocarbons glycol ethers, Esters, Detergents, Alcohols, Trace organic compounds, Trace metals	D001 D002 D019 D021 D022 F002 F003 F005	351 352 751	30	A, B, C, D, K, L, P, Q, R	

Table 1 (Cont'd)

Number/ Description	Source Code	Hazardous Waste Constituents	EPA Waste #	California Waste #	Annual Quantity (tons)	Storage Location	Handling
027 Soil contaminated with organic compounds	Remediation – G41, G39, G42, G45, G49	Asphalt, Oil, 111-TCA, Methylene chloride, Acetone, Methanol, Toluene, Benzene, Xylenes, Perchlorates, PCB's, Trace organic compounds, Trace metals	D001 F002 F003 F004 F005	131 181 261 352 611	5000	A, B, C, D, K, L, P, Q, R	
028 PCB Wastes	G11, G39	Oil, Metals, PCB's	Non-RCRA (TSCA)	261	1	O (Separate from other materials)	TSCA
029 Universal Wastes (Including: Fluorescent tubes, High Intensity Discharge Lamps (HID's), Mercury devices, and Batteries)	G09, G11, G16, G19, G25, G39, G41, G44 Lab – G22	Mercury, Nickel, Cadmium, Chromium, Silver, Lithium, Lead, Trace metals	D002 D003 D006 D007 D008 D009	141 181 551 725 791	25	M, N, O	
030 Asbestos solids and debris	G08, G09, G11, G14, G19, G39, G41, G45, G49 Lab – G22	Asbestos & debris	F003 & Non-RCRA (TSCA)	135 151 551	50	A, B, C, D, K, L, P, Q, R	
032 Brine – Liquid Reactive waste after treatment (Stream # 31)	HTF – G19, G25, G39, G41	Water, Sodium perchlorate, Sodium nitrate, Sodium nitrite, Sodium formate, Glycerol, Aluminum hydroxide, Methanol, Perchlorates, Trace organic compounds, Trace metals	D002	121 123 131 133 134 491	200	Shed J at the Storage Facility (2233)	Corrosive
033 Ash from thermal destruction of explosive waste	Mfg – G25, G39 Lab – G39 Remediation – G41	Ash, Trace Organic compounds, Trace metals, Lead, Chloroform, Carbon tetrachloride	D008 D019 D022 F002 F003 F005	571	50	A, B, C, D, K, L, P, Q, R	

Table 1 (Cont'd)

Number/ Description	Source Code	Hazardous Waste Constituents	EPA Waste #	California Waste #	Annual Quantity (tons)	Storage Location	Handling
034 Non-RCRA and Non-Hazardous Waste Solid	Mfg – G08, G09, G11, G13, G14, G16, G19, G21, G25 G32, G33, G39, G44m G49 Lab – G19, G22 Remediation – G42, G45	Other organic and Inorganic solids, Resins, Plymers, Carbon black pigments & fillers, Film & tape, Adhesives, Fibers, Sodium chloride, Pre-preg fibers and materials, Grease, Iron oxide, Debris, Metals, Trace metals, Trace organic compounds	Non-RCRA	134 141 151 181 272 331 351 352 512 513 551	200	A, B, C, D, K, L, P, Q, R	
035 Treated Medical & Biological Wastes	Medical Facility & Environ. Lab	Medical waste, Biological wastes, Trace metals, Trace organic compounds	Non-RCRA	322	1	A, B, C, D, K, L, P, Q, R	
036 Mercury Waste	G11, G32, G39, G49	Mercury, Metal, Glass, Plastic, Debris, Trace metals, Trace organic compounds	D009	181 551 725	0.5	H, M, N, O	
038 RCRA Solids for macroencapsulation	Mfg- G11, G19, G39 Lab- G19	Resins, Wood, Trace organic compounds, Trace metals	D001 D002 D003 D004 D006 D007 D008	352 551	10	A, B, C, D, K, L, P, Q, R	
039 High Viscosity, Non Pumpable (Oils, Fuels, Resins)	Mfg – G08, G11, G13, G14, G16, G19, G25, G32, G39, G41 Lab- G19, G22	Oil, Fuel, Premix, Resins, Trace organic compounds, Trace metals	D001	221 272 331 343 352 551	200	A, B, C, D, K, L, Q, R	
040 Non-Hazardous Solid Waste for Class I or II Landfill	G06, G09, G11, G19, G25, G39, G41, G45, G49 Lab – G22	Non-hazardous solid waste, Debris, Sand, Blasting grit, Trace organic compounds, Trace metals	None	None	500	A, B, C, D, K, L, P, Q, R, On-site	

Table 1 (Cont'd)

Number/ Description	Source Code	Hazardous Waste Constituents	EPA Waste #	California Waste #	Annual Quantity (tons)	Storage Location	Handling
041 HTF Crumb & Debris Solid – Reactive waste after treatment (Stream # 31)	HTF – G19, G22, G25, G39 Remediation – G41	PPE, Metal, Glass, Plastic, Cerami, Wood, Cardboard, Foil, Other debris, Trace organic compounds, Trace metals	D001 D002	181 352 551	10	Sheds F, G, S, and T at the Storage Facility (2233 Storage Magazine (0312)	Flammable, Solid, Corrosive
055C Wood (pressure-treated)	Construction Demolition-G39, G41	Arsenic, Zinc	Non-RCRA	181	50	P	Toxic
058 Metal, Metal Turnings, Metal Powder, Metal Fines, or Metals mixed fines mix	Mfg – G11, G19, G33, G39 Lab – G19, G22	Tungsten powder, Xinc powder, Magnesium powder, Mangnesium, turnings, Aluminum powder, other metal powders and trunings, Oil, Cutting fluids, Trace organic compounds	D001 D003 D006 D007 D008	141 172 181 551	20	F, S	Flammable, Solids
059 Desiccant, PPE and other debris contaminated with Trace Ammonium Perchlorate	Mfg – G09, G11, G19, G25, G39, G41 Lab – G19, G22	Desiccant, Sodium Chlorate, Ammonium perchlorate, PPE, Metal, Glass, Plastic, Ceramic, Wood, Cardboard, Foil, Other debris, Trace organic compounds, Trace metals	D001	141 181 551	20	G, T	
060 Oxidizer, Sodium Nitrate	Mfg – G11	Sodium nitrate, Ammonium perchlorate, Other oxidizers	D001	141	1	G, T	Oxidizer, Flammable, Solid
061 Oxidizer, Desiccant Bags with Ammonium Perchlorate	Mfg – G09, G16, G33, G49	Ammonium perchlorate, Other oxidizers	D001	181 551	1	G, T	Flammable
062 Cathode Ray Tubes	Mfg – G15	Lead, Phosporus, Trace other metals	D008	181	15	A, B, C, D	TSCA

Table 1 (Cont'd)

Number/ Description	Source Code	Hazardous Waste Constituents	EPA Waste #	California Waste #	Annual Quantity (tons)	Storage Location	Handling
069 Oil removed from equipment	G41, G44	Oil, PCB's	Non-RCRA	221	50	Point of Generation	TSCA
071 Debris generated from decontamination	G25, G41, G44	PPE, Cleaning Rags	D003	343	100	Point of Generation	Flammable Toxic Solid

Unit Name

Storage Magazine (0312)

Location

The Storage Magazine (0312) is located in the eastern portion of the UTC facility and more than 50 feet from the UTC property line on Las Animas Road. The main entrance/exit gate to the Storage Magazine (0312) is located on Las Animas Road. The Storage Magazine is located 0.3 miles North-East from the intersection of Las Animas Road and Manufacturing Road. See Figure 1 and Figure 3 for the location of the Storage Magazine with in the UTC Facility.

Activity Type

The Storage Magazine (0312) is used for the storage of explosive waste (ignitable and reactive wastes) for no longer than 1 year.

Activity Description

The Storage of explosive waste (ignitable and reactive wastes) will be accumulated at the Storage Magazine (0312) prior to transport and disposal to an authorized facility. The waste shall be accumulated and stored in authorized compatible container for a period no longer than 1 year. The waste is generated from closure and post closure operations including corrective action. The types of hazardous wastes that can be stored are listed in Table 2 “Hazardous Waste Stream Descriptions Storage Magazine 0312”

Physical Description

The Storage Magazine (0312) consists of three separate units under an earthen mound. Each unit is approximately 24 feet long by 13 feet wide by 9 feet high and are made of prefabricated steel and concrete. Each unit has a pipe on the ceiling that provides ventilation and each unit has its own access door. The earthen mound is designed to drain precipitation away from the Storage Magazine (0312). The units are watertight in which reactive wastes are stored on forklift-type pallets and not directly on the ground. Each pallet is designed to act as secondary containment for the stored container placed on top.

Maximum Capacity

The Storage Magazine (0312) is permitted to store a maximum of 1,320 gallons in order to allow the proper handling, inspection, and secondary containment of liquid waste.

Waste Types:

Table 2
HAZARDOUS WASTE STREAM DESCRIPTIONS
Storage Magazine 0312

Number/ Description	Source Code	Hazardous Waste Constituents	EPA Waste #	California Waste #	Annual Quantity (tons)	Storage Location	Handling
005****** Aqueous or organic waste with other reactives (e.g., explosives)	Mfg – G08, G25, G39 Lab – G22 Remediation – G41	Water, DS-108, Isopropanol, Acetone, Methyl ethyl ketone, Toluene, Methanol, Xylenes, Halogenated & non-halogenated solvents, 111-TCA, Perchlorates, Nitroglycerin, Ammonium nitrate, HMX, RDX, Ammonium perchlorate, Trace organic solvents	D001 D003 F002 F003	331	100	Storage Maganize (0312) if mixture is explosive A, B, C, D, K, L, Q, R at Storage Facility (2233) if not explosive or reactive	Reactive Toxic
031****** Reactive waste before treatment	Mfg – G08, G09, G11, G19, G25, G33, G39, G49 Lab – G22 Remediation – G41	1.1 – 1.6 propellant, DOT unclassified propellant, Ammonium perchlorate, Nitroglycerine, AND, HMX, RDX, Ammonium nitrate, 111-TCA, Methanol, Other explosive constituents and devices, Other high explosives, Explosive-contaminated trash and debris, Trace organic compounds, Trace metals	D001 D003 F002 F003 P081	135 141 181 214 331 352 551	50	Storage Magazine (0312) No storage at Storage Facility (2233)	Reactive Ignitable
041 Reactive waste after treatment (Stream # 31)	HTF – G19, G22, G25, G39 Remediation – G41	PPE, Metal, Glass, Plastic, Ceramic, Wood, Cardboard, Foil, Trace organic compounds, Trace metals	D001 D002	181 352 551	10	Storage Magazine (0312) Sheds F, G, S, and T at the Storage Facility (2233)	Flammable Solid

Table 2 (Cont'd)

Number/ Description	Source Code	Hazardous Waste Constituents	EPA Waste #	California Waste #	Annual Quantity (tons)	Storage Location	Handling
063 Debris/Building materials: masonry brick, wall board, concrete and wood	G41, G44	PPE, HMX, Energetics, Nitrocellulose, Nitroglycerin	Non-RCRA	351 611	50,000	Point of Generation	Ignitable Solid
064 Debris/Building materials: wood and wall board	G41, G44	PPE, Lead, Energetics, HMX, Nitrocellulose, Nitroglycerin, Asbestos	D008	351 611	1,000	Point of Generation	Ignitable Toxic Solid
065 Debris including hydraulic equipment, reservoir tanks, pipelines and oilers	G41, G44	PPE, Energetics, Oil, HMX, RDX	Non-RCRA	223 351 611	1,000	Point of Generation	Ignitable
066 Treated wood/debris generated by demolition	G41, G44	Energetics, Arsenic, Chromium	Non-RCRA	181 351	200	Point of Generation	Ignitable Toxic
067 Building materials including floor titles and caulking	G41, G44	Asbestos, Energetics	Non-RCRA	151 351	300	Point of Generation	Ignitable Solid Toxic
068 Building materials including panted building siding, caulking, and roofing	G41, G44	Asbestos, Lead, Energetics	D008	151 351 611	100	Point of Generation	Ignitable Solid Toxic
070 Rinsate generated from decontamination	G41, G44	Asbestos, Lead, Energetics, PCBs	Non-RCRA	343	100	Point of Generation	Ignitable Solid Toxic

RCRA Hazardous Waste Codes

Refer to Table 2, “Hazardous Waste Stream Descriptions Storage Magazine 0312”.

California Hazardous Waste Codes

Refer to Table 2, “Hazardous Waste Stream Descriptions Storage Magazine 0312”.

Air Emission Standards for Containers

- Containers with a capacity less than 0.1 cubic meters (26 Gallons) that are stored in the Storage Sheds are exempt from air emissions standards for Container Level 1 controls as specified in Cal. Code Regs., title 22, Section 66264.1080(b).

- Containers stored in the Storage Sheds with a capacity greater than 0.1 cubic meters (26 gallons) and less than 0.46 cubic meters (118 gallons) are subject Containers Level 1 standards specified in Cal. Code Regs., title 22, section 66264.1086(c). UTC shall use only DOT-compliant containers. These containers shall be equipped with covers and closure devices, as applicable to the container, that are composed of suitable materials to minimize exposure of the hazardous waste to the atmosphere and to maintain the equipment integrity, for as long as the container is in service.

Part V. SPECIAL CONDITIONS WHICH APPLY TO ALL OF THE FACILITY'S STORAGE AND/OR TREATMENT UNITS

1. The Permittee shall not store or treat any hazardous waste not listed in this Permit.

2. The Permittee shall not store or treat any hazardous waste generated outside the premises of the facility.

3. The Permittee shall not store or treat any Radioactive Waste.

4. The minimum Inspection Frequency that the Permittee should maintain is explained in Table 3 of this section.

5. The Permittee shall stack containers no more than two high.

Table 3 Hazardous Waste Management Units Monitoring and Inspection Schedule Summary

UNIT	FREQUENCY	SPECIFICS	Cal. Code Regs., title 22
Containers and Container Containment Areas	Weekly	Leaks, cracks, deterioration, liquid accumulation in the containment area.	66264.174
Alarm systems, and emergency communication and first aid equipment	Monthly, or more frequently if necessary to insure proper operation	N/A	66264.33

Part VI. CORRECTIVE ACTION

1. The Permittee shall conduct corrective action at the Facility pursuant to Health and Safety Code sections 25187 and 25200.10. Corrective action shall be carried out under the California Regional Water Quality Control Board, San Francisco Bay Region (RWQCB) order number R2-2004-0032 titled: ***Revision to Final Site Cleanup Requirements and Rescission of Orders Nos. 94-064 (As Amended), 98-070, and 91-006 For: United Technologies Corporation***, in coordination with DTSC.

2. To the extent that work being performed pursuant to Part VI of the Permit must be done on property not owned or controlled by the Permittee, the Permittee shall use its best efforts to obtain access agreements necessary to complete work required by this Part of the Permit from the present owner(s) of such property within 30 days of approval of any work plan for which access is required. "Best efforts" as used in this paragraph shall include, at a minimum, a certified letter from the Permittee to the present owner(s) of such property requesting access agreement(s) to allow the Permittee, DTSC, RWQCB, and its authorized representatives access to such property and the payment of reasonable sums of money in consideration of granting access. The Permittee shall provide DTSC and RWQCB with a copy of any access agreement(s). In the event that agreements for the access are not obtained within 30 days of approval of any workplan for which access is required, or of the date that the need for access becomes known to the Permittee, the Permittee shall notify DTSC and RWQCB in writing within 14 days thereafter regarding both efforts undertaken to obtain access and its failure to obtain such agreements. In the event DTSC obtains access, the Permittee shall undertake approved work on such property. If there is any conflict between this permit condition on access and the access requirements in any agreement entered into between DTSC in coordination with RWQCB and the Permittee, this permit condition on access shall govern.

3. Nothing in Part VI of the Permit shall be construed to limit or otherwise affect the Permitte's liability and obligation to perform corrective action including corrective action beyond the facility boundary, notwithstanding the lack of access. DTSC may determine that additional on-site measures must be taken to address releases beyond the Facility boundary if access to off-site areas cannot be obtained.

FIGURES

Figure 1

Aerial Overview Photo of United Technologies Corporation Pratt and Whitney Rocketdyne, San Jose

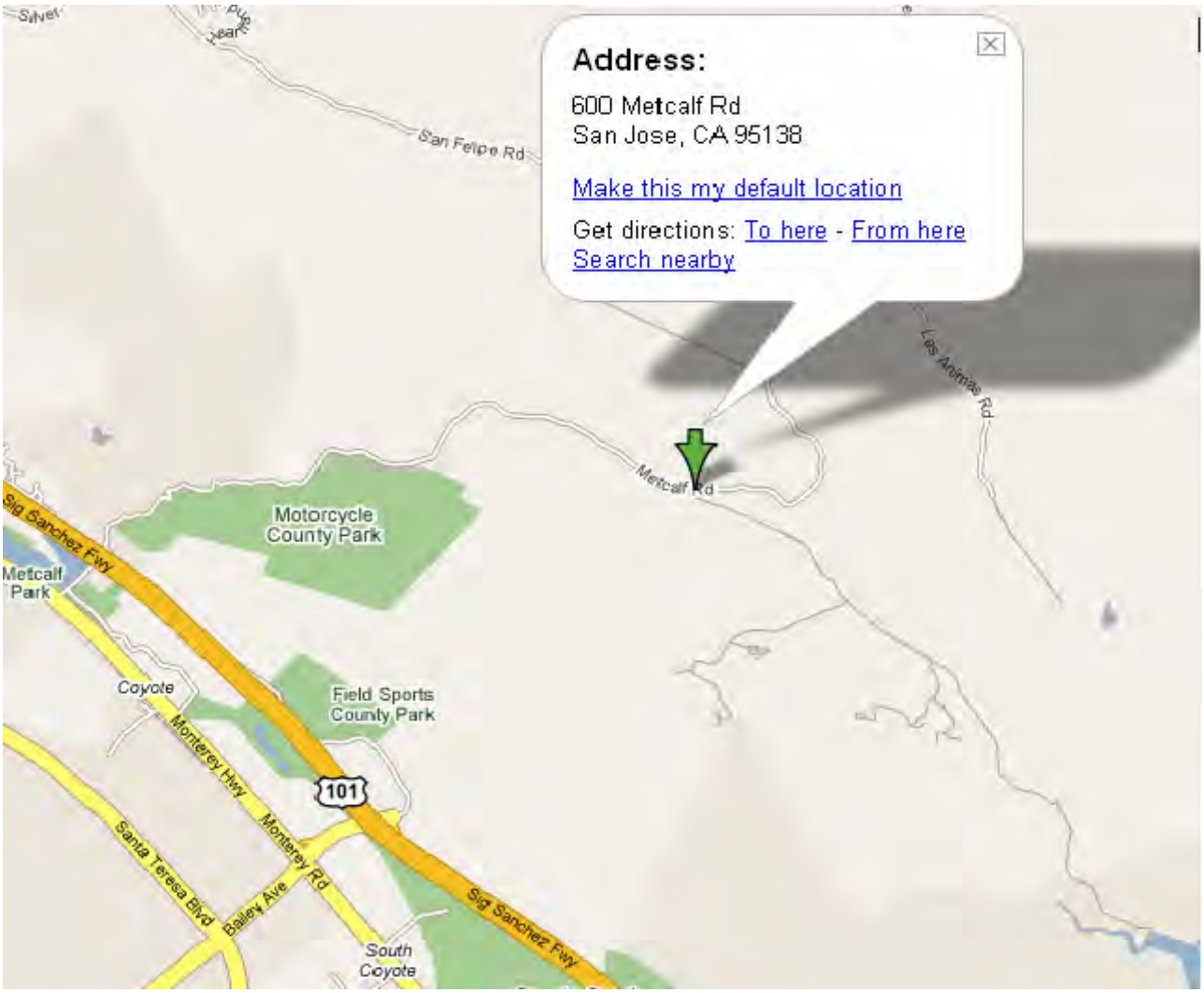

Figure 2

Facility Location Map

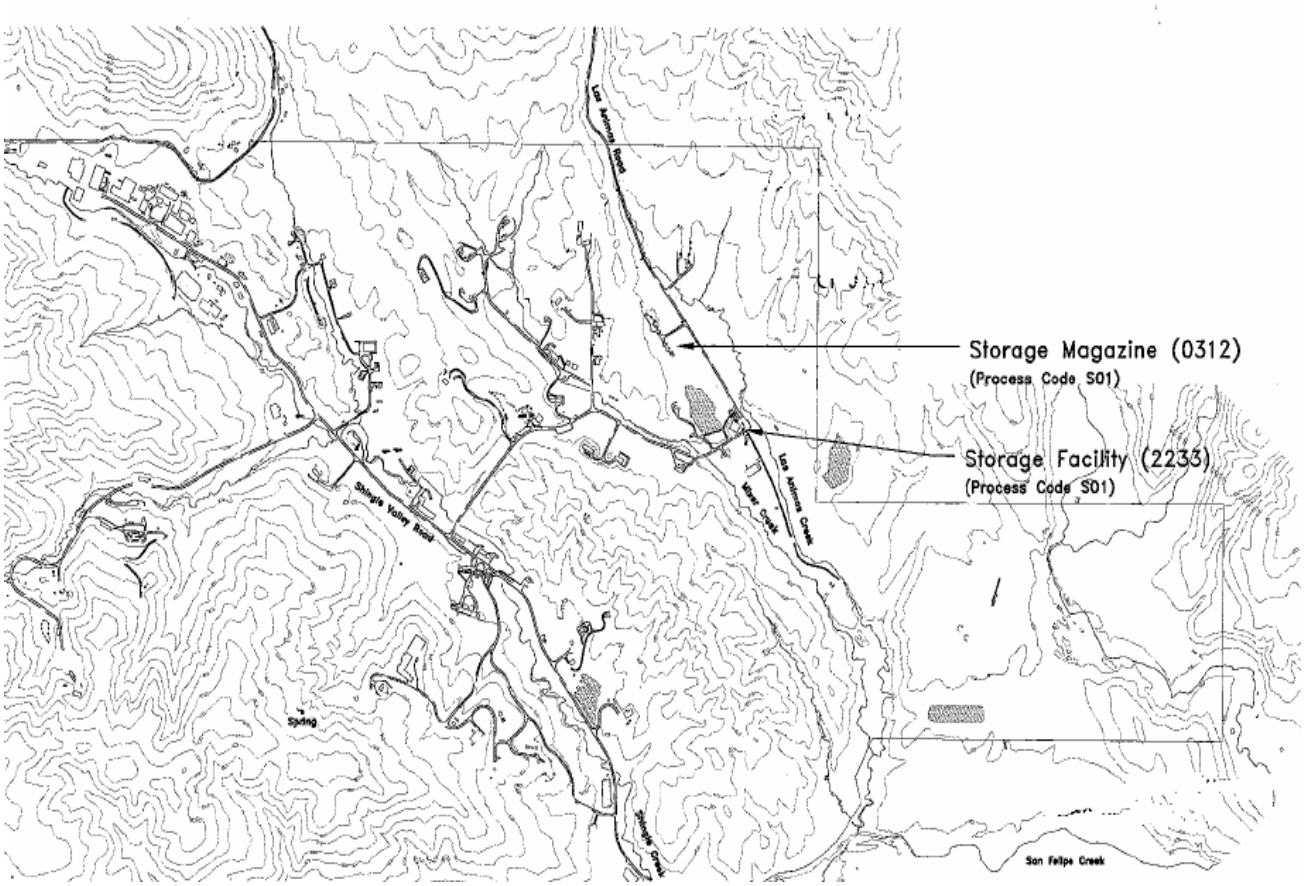

Figure 3

Plot Plan Map of Entire Manufacturing Operations, UTC

STORAGE FACILITY (2233)

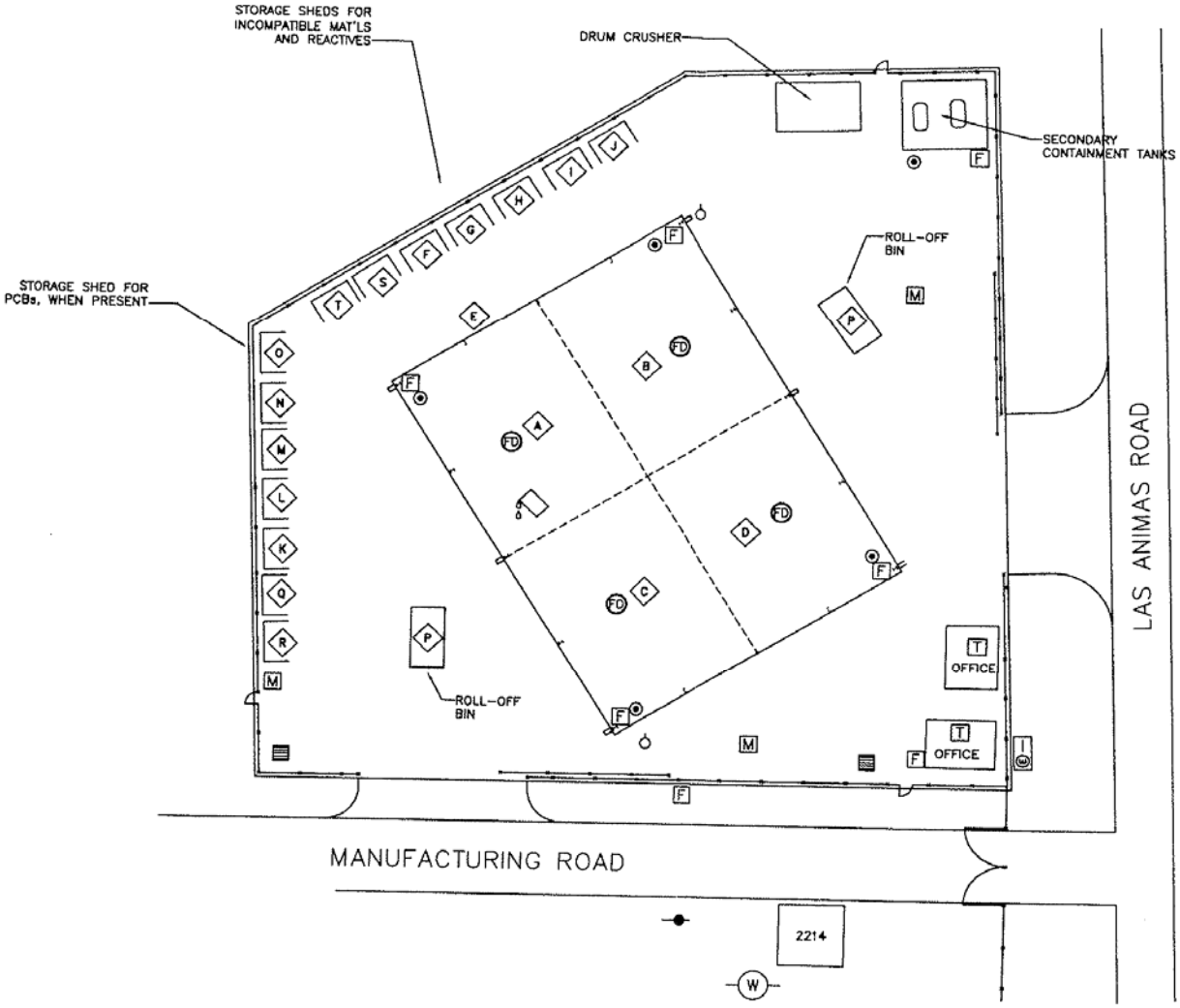

Figure 4

Storage Facility (2233) Plot Plan

Figure 5

Storage Facility (2233), Main Pad, Quadrant A

Figure 6

Storage Facility (2233), Main Pad, Quadrant B

Figure 7

Storage Facility (2233), Main Pad, Quadrant C

Figure 8

Storage Facility (2233), Main Pad, Quadrant D

Figure 9

Storage Facility (2233), Storage Sheds

Figure 10

Storage Facility (2233), Secondary Containment Tanks Shed

Figure 11

Storage Facility (2233), One of the two Secondary Containment Tanks

STORAGE MAGAZINE (0312)

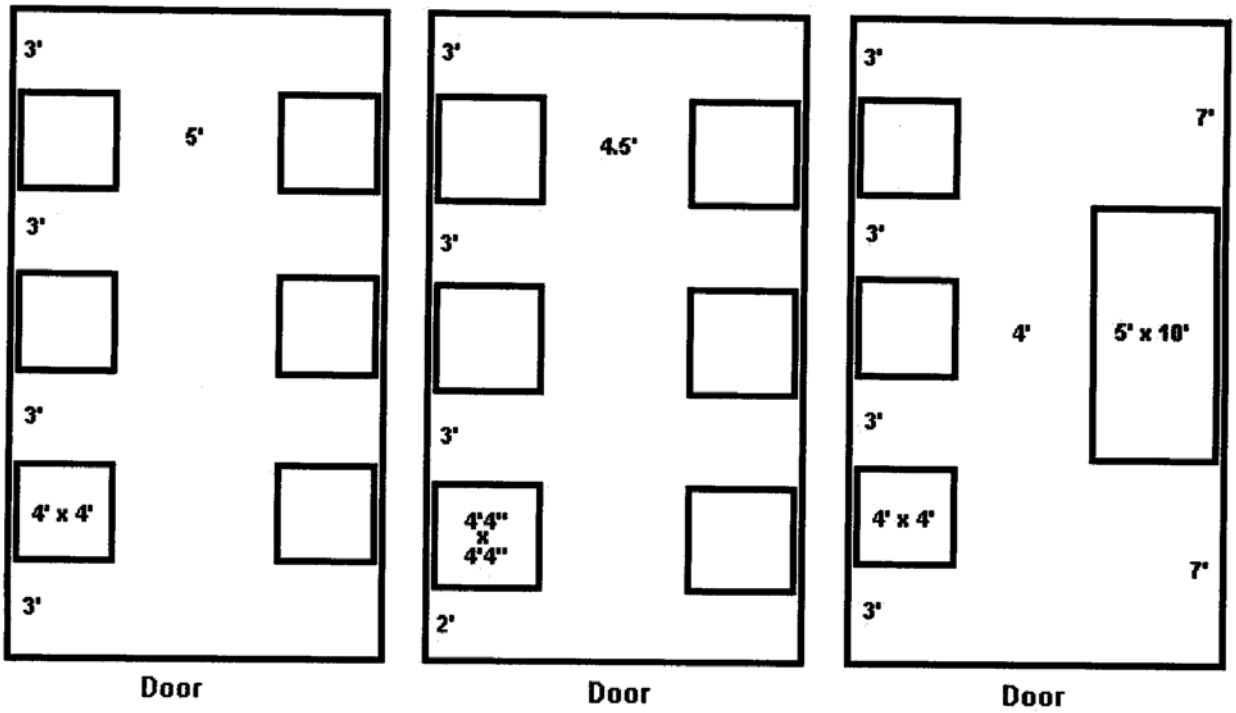

Figure 12

Storage Magazine (0312), Plot Plan

Note: Three unites of the Storage Magazine are individual bunkers.

Figure 13

Storage Magazine (0312), Front View

Note: From Left to right there are three Storage Magazine Units A, B, and C.

Figure 14

Storage Magazine (0312), Entrance Door Units

Note: The Storage Magazine consists of three individual bunkers; each bunker has its own door.

Figure 15

Interior of Storage Magazine (0312)

Note: Each unit of the Storage Magazine has the same interior.

Figure 16

Ventilation to Storage Magazine (0312)

Note: Each individual unit of Storage Magazine (0312) has its own ventilation duct.

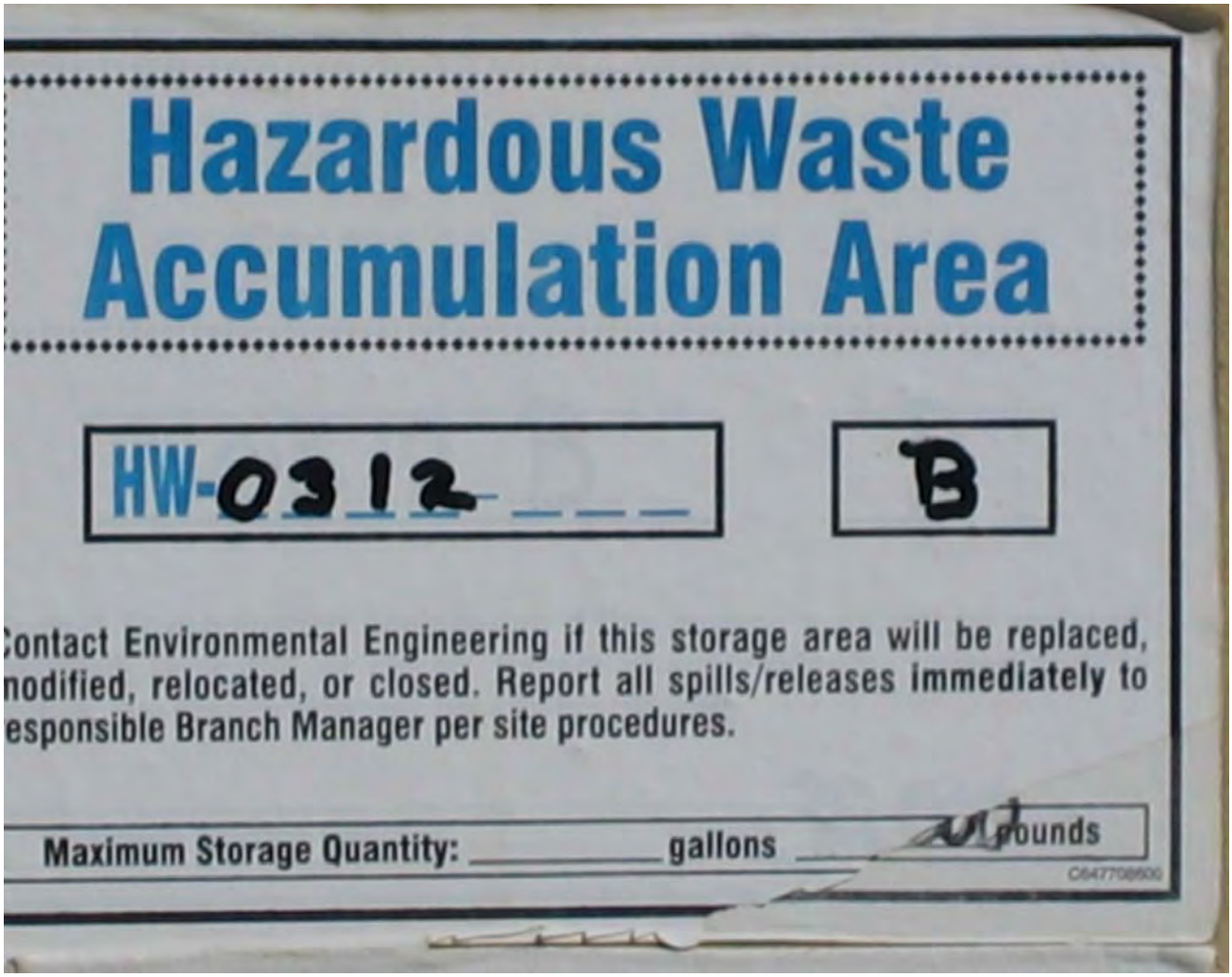

Figure 17

Identification Tag for the Storage Magazine (0312)

Note: Each unit of the Storage Magazine (0312) will have an identification tag at the entrance of each unit. The Storage Magazine (0312) consists of 3 units which will be identified as A, B, and C.