Qualtech Circuits Inc.

1101 Comstock Street

Not CalARP Regulated

Approximately 0.4 mile from site

Haz Mat Inventory from 5/13 HMBP

BL # 070460

California Environmental Reporting System (CERS) — Business Activities

Site Identification

Qualitech
1101 Comstock Street
Santa Clara, CA 95050
County
Santa Clara

CERS ID
10087216
EPA ID Number
CAR000045922

Submittal Status

Submitted on 5/8/2013 by *JIM KHOSH* of Qualitech (Santa Clara, CA)
Submittal was ***Accepted***; Processed on 5/9/2013 by *Jean Nguyen* for Santa Clara City Fire Department

Hazardous Materials

Does your facility have on site (for any purpose) at any one time, hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or is regulated under more restrictive inventory local reporting requirements (shown below if present); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70?	Yes

Underground Petroleum Storage (UST)

Does your facility own or operate underground storage tanks?	No

Hazardous Waste

Is your facility a Hazardous Waste Generator?	Yes
Does your facility treat hazardous waste on-site?	No
Is your facility's treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	Yes
Does your facility consolidate hazardous waste generated at a remote site?	No
Does your facility need to report the closure/removal of a tank that was classified as hazardous waste and cleaned on-site?	Yes
Does your facility generate in any single calendar month 1,000 kilograms (kg) (2,200 pounds) or more of federal RCRA hazardous waste, or generate in any single calendar month, or accumulate at any time, 1 kg (2.2 pounds) of RCRA acute hazardous waste; or generate or accumulate at any time more than 100 kg (220 pounds) of spill cleanup materials contaminated with RCRA acute hazardous waste.	No
Is your facility a Household Hazardous Waste (HHW) Collection site?	No

Excluded and/or Exempted Materials

Does your facility recycle more than 100 kg/month of excluded or exempted recyclable materials (per HSC 25143.2)?	No
Does your facility own or operate ASTs above these thresholds? Store greater than 1,320 gallons of petroleum products (new or used) in aboveground tanks or containers.	No
Does your facility have Regulated Substances stored onsite in quantities greater than the threshold quantities established by the California Accidental Release prevention Program (CalARP)?	No

Additional Information

No additional comments provided.

Facility/Site

Qualitech
1101 Comstock Street
Santa Clara, CA 95050

CERS ID
10087216

Submittal Status

Submitted on 5/8/2013 by *JIM KHOSH* of Qualitech (Santa Clara, CA)
Submittal was ***Accepted***; Processed on 5/9/2013 by *Jean Nguyen* for Santa Clara City Fire Department

Identification

Qualtech Circuits

Operator Phone	Business Phone	Business Fax	Beginning Date	Ending Date	
(408) 727-4125	(408) 727-4125	(408) 727-1411	1/1/2008	1/1/2009	
			Dun & Bradstreet	SIC Code	Primary NAICS
				3672	34412

Facility/Site Mailing Address

1101 Comstock Street
Santa Clara, CA 95050

Primary Emergency Contact

Jim Khosh
Title
President

Business Phone	24-Hour Phone	Pager Number
4087274125x223	(510) 770-0890	(408) 504-8451

Owner

Qualtech Circuits
(408) 727-4125
1101 COMSTOCK STREET
Santa Clara, CA 95050

Secondary Emergency Contact

Rick Aldana
Title
Wet Process Manager

Business Phone	24-Hour Phone	Pager Number
(408) 727-4125	(408) 821-8015	N/A

Billing Contact

JIM KHOSH
(408) 727-4125
JIM@QUALTECHCIRCUITS.COM
1101 Comstock Street
Santa Clara, CA 95050

Environmental Contact

Jim Khosh
(408) 727-4125
JIM@QUALTECHCIRCUITS.COM
1101 Comstock Street
Santa Clara, CA 95050

Certification

Jim Khosh

Signer Title	Date Signed/Submitted	Document Preparer
President	5/8/2013	Jim Khosh

Additional Information
Emergency contact #3:
Curtis Okumura
408-727-4125
408-309-2307 cell

Locally-collected Fields

Some or all of the following fields may be required by your local regulator(s).

Property Owner

JIM KHOSH
Phone
(408) 504-8451
Mailing Address
801 WOODED HILLS COURT
FREMONT , CA 94539

Assessor Parcel Number (APN)
224 08 092
Number of Employees
3
Facility ID

Date: 05/09/13

Non-Waste Hazardous Materials Inventory "Matrix" Report

Business Name: (Same as Facility Name or DBA) Qualitech

Page 1 **of** 6 (One page per building or area)

Chemical Location: (Building/Storage Area) none

CERS ID 10087216 **Facility ID #**

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
8	MAP: GRID: B	BLACKHOLE SP REPLENISHER LPH CAS No.:	POTASSIUM HYDROXIDE SOLID		☐	1310-58-3	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	100	50	50	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☒ chronic health ☐ radioactive
								Curies: (If radioactive)	Days On Site: 365	Storage Container:* D				
8	MAP: GRID: WTS	COPPER ANODES CAS No.:	COPPER	100.00	☐	7440-50-8	☐ pure ☒ mixture ☒ solid ☐ liquid ☐ gas	660	220	200	☐ gallons ☒ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☒ chronic health ☐ radioactive
								Curies: (If radioactive)	Days On Site: 365	Storage Container:* D				
8	MAP: GRID: A	H2SO4 CAS No.: 7664-93-9			☐		☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	55	25	55	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☒ reactive ☐ pressure release ☒ acute health ☒ chronic health ☐ radioactive
								Curies: (If radioactive)	Days On Site: 365	Storage Container:* D				
8	MAP: GRID: WTS	M & T STANNOUS SULFATE CAS No.:	TIN(II) SULFATE SULFURIC ACID 50-91%		☐ ☒	7488-55-3 7664-93-9	☐ pure ☒ mixture ☒ solid ☐ liquid ☐ gas	75	25	75	☐ gallons ☒ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☒ chronic health ☐ radioactive
								Curies: (If radioactive)	Days On Site: 365	Storage Container:* D				
8	MAP: GRID: C	M-NEUTRALIZE CAS No.:			☐		☒ pure ☐ mixture ☒ solid ☐ liquid ☐ gas	55	55	5	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☒ chronic health ☐ radioactive
								Curies: (If radioactive)	Days On Site: 365	Storage Container:* D				
9	MAP: GRID: WTS	MR-1 CAS No.:	SODIUM DIMETHYL DITHIOCARBAMATE		☐	128-04-1	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	55	20	55	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☒ reactive ☒ pressure release ☒ acute health ☒ chronic health ☐ radioactive
								Curies: (If radioactive)	Days On Site: 365	Storage Container:* D				

* Storage Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

Date: 05/09/13

Non-Waste Hazardous Materials Inventory "Matrix" Report

Business Name: (Same as Facility Name or DBA) Qualitech

Chemical Location: (Building/Storage Area) none

CERS ID 10087216 Facility ID #

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
9	MAP: GRID: WTS	M-TREAT BIO	N-METHYL-2-PYRROLIDONE		☐	872-50-4	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	113.5	74	93.5	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☒ reactive ☒ pressure release ☒ acute health ☒ chronic health ☐ radioactive
		CAS No.:			☐			Curies: (If radioactive)	Days On Site: 365	Storage Container:* D				
8	MAP: GRID: B	RS 3611	*2-AMINOETHANOL, ETHANOLAMINE		☐	141-43-5	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	55	10	55	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☒ reactive ☒ pressure release ☒ acute health ☒ chronic health ☐ radioactive
		CAS No.:			☐			Curies: (If radioactive)	Days On Site: 365	Storage Container:* D				
9	MAP: GRID: WTS	SODIUM CARBONATE			☐		☒ pure ☐ mixture ☒ solid ☐ liquid ☐ gas	500	200	50	☐ gallons ☒ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☒ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
		CAS No.:			☐			Curies: (If radioactive)	Days On Site: 365	Storage Container:* B				
8	MAP: GRID: B	SOLDERSTRIP SNP-XL PART B			☐		☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	55	28	55	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☒ reactive ☒ pressure release ☒ acute health ☒ chronic health ☐ radioactive
		CAS No.: 5329-14-6			☐			Curies: (If radioactive) 0	Days On Site: 365	Storage Container:* D				
8	MAP: GRID: A	SOLDERSTRIP SS-1	IRON	30.00	☐	7439-89-6	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	55	25	55	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
			NITRIC ACID	28.00	☒	7697-37-2								
		CAS No.:			☐			Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
8	MAP: GRID: A	SSA SOLDER STRIPPER	FLUOROBORIC ACID	5.00	☐	16872-11-0	☐ pure ☒ mixture ☒ solid ☐ liquid ☐ gas	55	55	55	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
			NITRIC ACID	60.00	☒	7697-37-2								
		CAS No.:			☐			Curies: (If radioactive)	Days On Site: 365	Storage Container:* D				

* Storage Type Codes:

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

Date: 05/09/13

Non-Waste Hazardous Materials Inventory "Matrix" Report

Business Name: (Same as Facility Name or DBA) Qualitech

Page 3 **of** 6 (One page per building or area)

Chemical Location: (Building/Storage Area) none

CERS ID 10087216 **Facility ID #**

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
8	MAP: GRID: A	SSB SOLDER STRIPPER	SULFAMIC ACID	50.00	☐	5329-14-6	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	55	55	55	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☒ reactive ☒ pressure release ☒ acute health ☒ chronic health ☐ radioactive
		CAS No.: ☐ EHS						Curies: (If radioactive)	Days On Site: 365	Storage Container:* D				
8	MAP: GRID: P	TANK NO. 1 RS 3000 RESIST STRIPPER	TETRAMETHYLAMMONIUM HYDROXIDE	3.00	☐	75-59-2	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	93	70	93	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☒ reactive ☒ pressure release ☒ acute health ☒ chronic health ☐ radioactive
		CAS No.: ☐ EHS	*2-AMINOETHANOL, ETHANOLAMINE	10.00	☐	141-43-5		Curies: (If radioactive)	Days On Site: 365	Storage Container:* C				
8	MAP: GRID: P	TANK NO. 10 TIN PLATE	THIOUREA		☐	62-56-6	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	403	350	403	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☒ reactive ☒ pressure release ☒ acute health ☒ chronic health ☐ radioactive
		CAS No.: ☐ EHS	SULFURIC ACID 50-91%	10.00	☒	7664-93-9		Curies: (If radioactive)	Days On Site: 365	Storage Container:* C				
9	MAP: GRID: P	TANK NO. 11 A DRAG OUT	COPPER	10.00	☐	7440-50-8	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	93	74	93	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS						Curies: (If radioactive)	Days On Site: 365	Storage Container:* C				
8	MAP: GRID: P	TANK NO. 11 COPPER PLATE	COPPER (II) SULFATE	9.00	☐	7758-98-7	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	493	426	493	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☒ < amb. ☐ cryogenic	☐ fire ☒ reactive ☐ pressure release ☒ acute health ☒ chronic health ☐ radioactive
		CAS No.: ☐ EHS	SULFURIC ACID 50-91%	13.00	☒	7664-93-9		Curies: (If radioactive)	Days On Site: 365	Storage Container:* C				
			*FORMALDEHYDE		☐	50-00-0								
			HYDROCHLORIC ACID		☐	7647-21-0								
8	MAP: GRID: P	TANK NO. 13 SOLDER STRIP	SULFAMIC ACID	30.00	☐	5329-14-6	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	59	50	59	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☒ reactive ☒ pressure release ☒ acute health ☒ chronic health ☐ radioactive
		CAS No.: ☐ EHS	FLUOROBORIC ACID	7.00	☐	16872-11-0		Curies: (If radioactive)	Days On Site: 365	Storage Container:* C				
			NITRIC ACID	40.00	☒	7697-37-2								

* Storage Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

Date: 05/09/13

Non-Waste Hazardous Materials Inventory "Matrix" Report

Business Name: (Same as Facility Name or DBA) Qualitech

Chemical Location: (Building/Storage Area) none

CERS ID 10087216 Facility ID #

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
9	MAP: GRID: P	TANK NO. 15 CONDITIONER	NITRIC ACID	40.00	☒	7697-37-2	☐ pure ☒ mixture	59	50	59	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☒ reactive ☒ pressure release ☒ acute health ☒ chronic health ☐ radioactive
			IRON SALTS	30.00	☐									
		CAS No.: ■ EHS			☐		☒ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* C				
9	MAP: GRID: P	TANK NO. 17 A PRECLEAN ~~MICROCLEAN~~	SULFURIC ACID 50-91%	8.00	☒	7664-93-9	☐ pure ☒ mixture	60	54	60	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☒ reactive ☒ pressure release ☒ acute health ☒ chronic health ☐ radioactive
			SODIUM PERSULFATE	2.00	☐	7775-27-1								
		CAS No.: ■ EHS			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* C				
9	MAP: GRID: P	TANK NO. 17 SULFURIC ACID	SULFURIC ACID 50-91%	10.00	☒	7664-93-9	☐ pure ☒ mixture	80	74	80	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☒ reactive ☒ pressure release ☒ acute health ☒ chronic health ☐ radioactive
		CAS No.: ■ EHS			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* C				
8	MAP: GRID: P	TANK NO. 2 RESIST STRIP	TETRAMETHYLAMMONIUM HYDROXIDE	8.00	☐	75-59-2	☐ pure ☒ mixture	70	56	70	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☒ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
			*2-AMINOETHANOL, ETHANOLAMINE	8.00	☐	141-43-5								
			METHANOL	2.00	☐	67-56-1								
		CAS No.: ☐ EHS			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* C				
8	MAP: GRID: P	TANK NO. 29 COBRA-BOND PREDIP	SULFURIC ACID 50-91%		☒	7664-93-9	☐ pure ☒ mixture	40	36	40	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☒ reactive ☒ pressure release ☒ acute health ☒ chronic health ☐ radioactive
			HYDROGEN PEROXIDE	1.00	☐	7722-84-1								
		CAS No.: ☐ EHS			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* C				
8	MAP: GRID: P	TANK NO. 4 NPR 502 OXIDE POST DIP	SODIUM HYDROXIDE	1.00	☐	1310-73-2	☐ pure ☒ mixture	56	42	56	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☒ reactive ☒ pressure release ☒ acute health ☒ chronic health ☐ radioactive
			DIMETHYLAMINE-BORANE COMPLEX	1.00	☐	74-94-2								
			2-MERCAPTOBENZOTHIAZOLE	1.00	☐	149-30-4								
		CAS No.: ☐ EHS			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* C				

* Storage Type

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

Date: 05/09/13

Non-Waste Hazardous Materials Inventory "Matrix" Report

Business Name: (Same as Facility Name or DBA) Qualitech

Page 5 **of** 6 (One page per building or area)

Chemical Location: (Building/Storage Area) none

CERS ID 10087216 **Facility ID #**

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
8	MAP: GRID: P	TANK NO. 6 OXIDE	TRISODIUM PHOSPHATE ANHYD		☐	7601-54-9	☐ pure ☒ mixture	93	74	93	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☒ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
			SODIUM CHLORITE	11.00	☐	7758-19-2								
			POTASSIUM HYDROXIDE SOLID		☐	1310-58-3	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* C				
		CAS No.:			☐									
		EHS			☐									
8	MAP: GRID: P	TANK NO. 7 DRAG OUT	TRISODIUM PHOSPHATE ANHY		☐	7601-54-9	☐ pure ☒ mixture	70	56	70	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☒ < amb. ☐ cryogenic	☒ fire ☒ reactive ☒ pressure release ☒ acute health ☒ chronic health ☐ radioactive
			SODIUM CHLORITE	3.00	☐	7758-19-2								
			POTASSIUM HYDROXIDE SOLID		☐	1310-58-3	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* C				
		CAS No.:			☐									
		EHS			☐									
9	MAP: GRID: P	TANK NO. P-24 A BLACKHOLE SP STARTER	AMINOETHYLETHANOLAMINE	2.00	☐	111-41-1	☐ pure ☒ mixture	50	43	50	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☒ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☒ chronic health ☐ radioactive
		CAS No.:			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* C				
		EHS			☐									
9	MAP: GRID: P	TANK NO. P-24 B BLACKHOLE	POTASSIUM HYDROXIDE SOLID		☐	1310-58-3	☐ pure ☒ mixture	60	53	20	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☒ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☒ chronic health ☐ radioactive
			POTASSIUM CARBONATE		☐	584-08-7								
		CAS No.:			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* C				
		EHS			☐									
5.1	MAP: GRID: P	TANK NO. P-24 C MICROCLEAN	SULFURIC ACID 50-91%	1.00	☒	7664-93-9	☐ pure ☒ mixture	33	13	20	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☒ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☒ chronic health ☐ radioactive
			SODIUM PERSULFATE	20.00	☐	7775-27-1								
		CAS No.:			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* C				
		☒ EHS			☐									
9	MAP: GRID: P	TANK NO. P-24 D BLACKHOLE ANTITARNISH	ETHELYNE GLYCOL		☒	107-21-1	☐ pure ☒ mixture	33	13	20	☐ gallons ☐ pounds ☒ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☒ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☒ chronic health ☐ radioactive
			SULFURIC ACID 50-91%		☒	7664-93-9								
			BENZOTRIAZOLE		☐	95-14-7	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* C				
		CAS No.:			☐									
		☒ EHS			☐									

* Storage Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

Date: 05/09/13

Non-Waste Hazardous Materials Inventory "Matrix" Report

Business Name: (Same as Facility Name or DBA) Qualitech

Chemical Location: (Building/Storage Area) none

CERS ID 10087216 Facility ID #

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
9	MAP: GRID: WTS	TIN ANODES CAS No.: 7440-31-5			☐		☒ pure ☐ mixture ☒ solid ☐ liquid ☐ gas	500 Curies: (If radioactive) 0	500 Days On Site: 365	500 Storage Container:* O	☐ gallons ☒ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☒ reactive ☒ pressure release ☒ acute health ☒ chronic health ☐ radioactive
8	MAP: GRID: C	US ETCH 2001 CAS No.:	AMMONIUM CARBONATE AMMONIUM CHLORIDE AMMONIUM HYDROXIDE	3.00 26.00 26.00	☐ ☐ ☐	506-87-6 12125-02-9 1336-21-6	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	220 Curies: (If radioactive)	165 Days On Site: 365	55 Storage Container:* D	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☒ chronic health ☐ radioactive
	MAP: GRID:	CAS No.:			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
	MAP: GRID:	CAS No.:			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
	MAP: GRID:	CAS No.:			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
	MAP: GRID:	CAS No.:			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive

* Storage Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

Hazardous Waste Inventory "Matrix" Report

Date: 05 / 09 / 13

Business Name: (Same as Facility Name or DBA) Qualitech

Page 1 **of** 1 (One page per building or area)

Chemical Location: (Building/Storage Area) none

CERS ID 10087216 **Facility ID #**

1. Haz. Class	2. Map and Grid or Location Code	3. Waste Stream Name	4. Hazardous Components: Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities: Max. Daily	Average Daily	Largest Cont.	7. Annual Waste Amount	8. Units	9. Storage Codes: Storage Pressure	Storage Temp.	10. Hazard Categories
9	MAP: GRID: WTS	COPPER SLUDGE / FILTER CAKE	COPPER		☐	7440-50-8	☒ waste ■ solid ☐ liquid ☐ gas	10000 Curies: (If radioactive)	8000 Days On Site: 365	500 Storage Container:* E	96000 State Waste Code:	☐ gallons ■ pounds ☐ cu. feet ☐ tons	■ ambient ☐ > amb. ☐ < amb.	■ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☒ reactive ☒ pressure release ☒ acute health ☒ chronic health ☐ radioactive
9	MAP: GRID: WTS	SHOP DEBRIS			☐		☒ waste ■ solid ☐ liquid ☐ gas	5000 Curies: (If radioactive)	2500 Days On Site: 365	500 Storage Container:* O	58750 State Waste Code: 181	☐ gallons ■ pounds ☐ cu. feet ☐ tons	■ ambient ☐ > amb. ☐ < amb.	■ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☒ chronic health ☐ radioactive
8	MAP: GRID: WTS	SPENT ETCH	AMMONIUM CARBONATE AMMONIUM CHLORIDE AMMONIUM HYDROXIDE	3.00 26.00 26.00	☐ ☐ ☐	506-87-6 12125-02-9 1336-21-6	☒ waste ☐ solid ■ liquid ☐ gas	110 Curies: (If radioactive)	55 Days On Site: 365	55 Storage Container:* E	28000 State Waste Code:	■ gallons ☐ pounds ☐ cu. feet ☐ tons	■ ambient ☐ > amb. ☐ < amb.	■ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☒ chronic health ☐ radioactive
8	MAP: GRID: WTS	SPENT SOLDER STRIP	SULFAMIC ACID NITRIC ACID INORGANIC ACID	3.00 36.00 6.00	☐ ☒ ☐	5329-14-6 7697-37-2 Unknown	☒ waste ☐ solid ■ liquid ☐ gas	110 Curies: (If radioactive)	55 Days On Site: 365	55 Storage Container:* E	1000 State Waste Code:	■ gallons ☐ pounds ☐ cu. feet ☐ tons	■ ambient ☐ > amb. ☐ < amb.	■ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☒ acute health ☒ chronic health ☐ radioactive
9	MAP: GRID: MP	WASTE COPPER DUST	COPPER	100.00	☐	7440-50-8	☒ waste ■ solid ☐ liquid ☐ gas	100 Curies: (If radioactive)	50 Days On Site: 365	50 Storage Container:* O	1200 State Waste Code:	☐ gallons ■ pounds ☐ cu. feet ☐ tons	■ ambient ☐ > amb. ☐ < amb.	■ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
	MAP: GRID:				☐		☒ waste ☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:	☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive

* Storage Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other