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PHILIPS

ENTERED

Philips Semiconductors

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FEB 2000
RECEIVED

February 17, 2000

New Mexico Environment Department
Hazardous & Radioactive Materials Bureau
P.O. Box 26110
Santa Fe, NM 87502

Attn.: Juliet Rubio

Certified Mail: Z 558 378 084

Subject: **Philips Semiconductors - 1999 Biennial Hazardous Waste Report**

Dear Ms. Rubio:

Enclosed is the 1999 Biennial Hazardous Waste Report. This report is submitted in compliance with 40 CFR Part 270.1 Subpart A. Also included is an electronic copy provided on disk as requested. If you have any questions regarding the information contained on the forms, please contact Joe Mauser at (505) 822-7634 or myself at (505) 822-7342.

Sincerely,

A handwritten signature in cursive script that reads "David Paulson".

David Paulson
Environmental Specialist

Enclosure

ENV007

cc: Steve Szmyd, EHS Manager
File

1999 Hazardous Waste Report Electronic Data Transfer

Site Submittal Form

FOR: EPA ID Number: NMD000709782

Site/Company name:
Location Address:

PHILIPS SEMICONDUCTORS
9201 PAN AMERICAN FRWY. NE

Location City:
Location County:
Location State/ZIP CODE:

ALBUQUERQUE
BERNALILLO
NM 87113 - 0000

Contact name:
Contact Address:

JOE MAUSER
9201 PAN AMERICAN FRWY. NE

Contact City:
Contact State/ZIP CODE:

ALBUQUERQUE
NM 87113 - 0000

Contact Phone:

505 / 822 - 7634 ext: 0

Certification name:

HEINZ REBMANN

Certification
Signature-Date:

02 15 2000

- / /

FORMS SUBMITTED:

FORM IC
FORM GM
FORM WR
FORM OI
FORM WM

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N/A

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State/EPA only.

Receive Transfer By

Site Name: Philips Semiconduct
tors - Albuquerque
EPA ID Number: NMD000709782

FORM
IC

U.S. ENVIRONMENTAL
PROTECTION AGENCY
1999 Hazardous Waste Report
IDENTIFICATION
AND CERTIFICATION

Sec. I Site/Company name and location address information.

A.EPA ID number: NMD000709782 B.County: BERNALILLO

C.Site/Company name: PHILIPS SEMICONDUCTORS

E.Address: 9201 PAN AMERICAN FRWY. NE

F.City: ALBUQUERQUE G.State: NM H.ZIP CODE: 87113 - 0000

Sec. II Mailing address of this site: A.Same as location?

B.Address: SAME X

C.City: D.State: NM E.ZIP CODE: 00000 - 0000

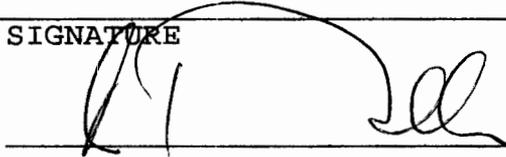
Sec. III Name title and phone number of the person who should be contacted if questions arise regarding this report.

A.Contact Name:	Last Name	First Name	M.I.
B.Contact Title:	MAUSER	JOE	
	ENV. SUPERVISOR	C.Phone:	505 / 822 - 7634 ext: 0

Sec. IV "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties under Section 3008 of the Resource Conservation and Recovery Act for submitting false information, including the possibility of fine and imprisonment for knowing violations."

A.Name:	Last Name	First Name	M.I.	B.Title:
REBMAN	HEINZ			VICE PRESIDENT

C. SIGNATURE



D. DATE OF SIGNATURE
02 15 2000
02 / 15 / 1900
MO. DAY YR.

EPA ID Number: NMD000709782

Sec. V GENERATOR STATUS:

A. RCRA Generator status.

1. LQG

2. SQG

3. CESQG

4. Non Generator

1

B. Reason for not generating

1. Never Generated

2. Out of business

3. Only Excluded/delisted

4. Only Non-hazardous

5. Periodic/occasional

6. Waste Min.

7. Other

Sec. VI ON-SITE MANAGEMENT STATUS

A. RCRA Permitted storage

1

B. RCRA Permitted TDR

1

C. RCRA Exempt TDR

1

Comments:

Site Name: Philips Semiconduct
tors - Albuquerque
EPA ID Number: NMD000709782

FORM
OI

U.S. ENVIRONMENTAL
PROTECTION AGENCY
1999 Hazardous Waste Report
OFF-SITE
IDENTIFICATION

A. EPA ID No. of Off-site
Installation or transporter:
NMD002208627

B. Name of Off-site
Installation or transporter:
RINCHEM COMPANY

C. Handler Type:

Generator
X Transporter
TSDR

D. Address of Off-site Installation:
Street: 6133 EDITH BLVD. NE
City: ALBUQUERQUE
State: NM Zip: 87107 - 0000

Comments:

Page 00001

Site Name: Philips Semiconduct
tors - Albuquerque
EPA ID Number: NMD000709782

FORM
OI

U.S. ENVIRONMENTAL
PROTECTION AGENCY
1999 Hazardous Waste Report
OFF-SITE
IDENTIFICATION

A. EPA ID No. of Off-site
Installation or transporter:
ARD069748192

B. Name of Off-site
Installation or transporter:
ENSCO INC.

C. Handler Type:

Generator
X Transporter
TSDR

D. Address of Off-site Installation:
Street: 309 AMERICAN CIRCLE
City: EL DORADO
State: AR Zip: 71730 - 0000

Comments:

Page 00002

Site Name: Philips Semiconduct
tors - Albuquerque
EPA ID Number: NMD000709782

FORM
OI

U.S. ENVIRONMENTAL
PROTECTION AGENCY
1999 Hazardous Waste Report
OFF-SITE
IDENTIFICATION

A. EPA ID No. of Off-site
Installation or transporter:
OKD981588791

B. Name of Off-site
Installation or transporter:
TRIAD TRANSPORT

C. Handler Type:

Generator
X Transporter
TSDR

D. Address of Off-site Installation:
Street: 1630 E ELECTRIC
City: MCALESTER
State: OK Zip: 74501 - 0000

Comments:

Page 00003

Site Name: Philips Semiconduct
tors - Albuquerque
EPA ID Number: NMD000709782

FORM
OI

U.S. ENVIRONMENTAL
PROTECTION AGENCY
1999 Hazardous Waste Report
OFF-SITE
IDENTIFICATION

A. EPA ID No. of Off-site
Installation or transporter:
KSD980633259

B. Name of Off-site
Installation or transporter:
SYSTECH ENVIRONMENTAL CORPORATION

C. Handler Type:

Generator
X Transporter
TSDR

D. Address of Off-site Installation:
Street: S CEMENT ROAD
City: FREDONIA
State: KS Zip: 66736 - 0000

Comments:

Page 00004

Site Name: Philips Semiconduct
 tors - Albuquerque
 EPA ID Number: NMD000709782

FORM
 GM

U.S. ENVIRONMENTAL
 PROTECTION AGENCY
 1999 Hazardous Waste Report
 WASTE GENERATION
 AND MANAGEMENT

Sec. I | A. Waste Description:
 FLAMMABLE SPENT SOLVENT FROM MANUFACTURE OF SEMICONDUCTOR DE
 VICES; MIXTURE OF PRIMARILY N-METHYL PYRROLIDONE, ACETONE, I
 SOPROPYL ALCOHOL AND WATER.

B. EPA hazardous waste codes:
 D001 F003

C. State hazardous
 waste codes:

D. SIC Code: 3674 E. Origin Code: 1 F. Source Code: A 01 G. Point of Measurement: 4 H. Form code: B 203 I. RCRA/Rad Mix: 2
 Sys Type: M

Sec. II | A. Quantity Generated in 1999:
 000160432.00

B. Unit Of Measure: 1
 Density: 01.00
 LB/GAL(1) sg(2) : 2

C. On-site Treatment/Disposal/Recycle of this waste? [N]

On-site System 1	Quantity T/D/R in	On-site System 2	Quantity T/D/R in
System	1999:	System	1999:
Type: M		Type: M	

Sec. III | A. Was any of this waste shipped off-site in 1999? [Y]

B. EPA ID No. shipped to	C. System Type	D. Availability Code	E. Qty shipped in 1999
Site 1 ARD069748192	M 041	1	000117040.00
Site 2 KSD980633259	M 061	1	000043392.00
Site 3	M		
Site 4	M		
Site 5	M		
Site 6	M		
Site 7	M		
Site 8	M		

Did new activities in 1999 result in minimization of this Waste? [N]

Comments:

Site Name: Philips Semiconduct
tors - Albuquerque
EPA ID Number: NMD000709782

FORM
GM

U.S. ENVIRONMENTAL
PROTECTION AGENCY
1999 Hazardous Waste Report
WASTE GENERATION
AND MANAGEMENT

Sec. I

A. Waste Description:
FLAMMABLE SPENT PHOTORESIST FROM MANUFACTURE OF SEMICONDUCTOR
R DEVICES; MIXTURE OF PRIMARILY PROPYLENE GLYCOL MONOMETHYL
ETHER ACETATE, ETHYL LACTATE, N-BUTYL ACETATE, AND ACETONE.

B. EPA hazardous waste codes:
D001 F003

C. State hazardous
waste codes:

D. SIC Code: 3674
E. Origin Code: 1
Sys Type: M
F. Source Code: A 29
G. Point of Measurement: 4
H. Form code: B 203
I. RCRA/Rad Mix: 2

Sec. II

A. Quantity Generated in 1999:
000122494.00

B. Unit Of Measure: 1
Density: 01.00
LB/GAL(1)sg(2) : 2

C. On-site Treatment/Disposal/Recycle of this waste? [N]

On-site System 1

System Quantity T/D/R in
Type: M 1999:

On-site System 2

System Quantity T/D/R in
Type: M 1999:

Sec. III

A. Was any of this waste shipped off-site in 1999? [Y]

B. EPA ID No. shipped to	C. System Type	D. Availability Code	E. Qty shipped in 1999
ARD069748192	M 041	1	000122494.00
Site 1	M		
Site 2	M		
Site 3	M		
Site 4	M		
Site 5	M		
Site 6	M		
Site 7	M		
Site 8	M		

Did new activities in 1999 result in minimization of this Waste? [N]

Comments: SEC. I, BOX F - WAFER COATING WITH PHOTSENSITIVE CHEMICAL I
N PREPARATION FOR PHOTO PROCESS.

Site Name: Philips Semiconductors - Albuquerque
 EPA ID Number: NMD000709782

FORM
 GM

U.S. ENVIRONMENTAL PROTECTION AGENCY
 1999 Hazardous Waste Report
 WASTE GENERATION AND MANAGEMENT

Sec. I | A. Waste Description:
 SOLVENT CONTAMINATED WIPES AND MATERIALS FROM CLEANING OPERATIONS; CONTAINS PRIMARILY ACETONE AND ISOPROPYL ALCOHOL.

B. EPA hazardous waste codes: F003 | C. State hazardous waste codes:

D. SIC Code: 3674	E. Origin Code: 1 Sys Type: M	F. Source Code: A 19	G. Point of Measurement: 4	H. Form code: B 409	I. RCRA/Rad Mix: 2
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Sec. II A. Quantity Generated in 1999: 000021281.00	B. Unit Of Measure: 1 Density: 00.00 LB/GAL(1) sg(2) : 2
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C. On-site Treatment/Disposal/Recycle of this waste? [N]

On-site System 1 System Type: M Quantity T/D/R in 1999:	On-site System 2 System Type: M Quantity T/D/R in 1999:
---	---

Sec. III A. Was any of this waste shipped off-site in 1999? [Y]	B. EPA ID No. shipped to	C. System Type	D. Availability Code	E. Qty shipped in 1999
Site 1	ARD069748192	M 043	1	000021281.00
Site 2		M		
Site 3		M		
Site 4		M		
Site 5		M		
Site 6		M		
Site 7		M		
Site 8		M		

Did new activities in 1999 result in minimization of this Waste? [N]

Comments: SEC. I, BOX F & H - RAGS AND PPE CONTAMINATED WITH NONHALOGENATED SOLVENTS USED FOR WIPING DOWN EQUIPMENT AND WORK STATIONS.

Site Name: Philips Semiconduct
tors - Albuquerque
EPA ID Number: NMD000709782

FORM
GM

U.S. ENVIRONMENTAL
PROTECTION AGENCY
1999 Hazardous Waste Report
WASTE GENERATION
AND MANAGEMENT

Sec. I

A. Waste Description:

FLAMMABLE SPENT SOLVENTS FROM MANUFACTURE OF SEMICONDUCTOR DEVICES; MIXTURE OF PRIMARILY ACETONE, ISOPROPYL ALCOHOL, ETHANOL AND N-BUTYL ALCOHOL.

B. EPA hazardous waste codes:
D001

C. State hazardous waste codes:

D. SIC Code:
3674

E. Origin Code: 1
Sys Type: M

F. Source Code: A 29

G. Point of Measurement: 1

H. Form code: B 203

I. RCRA/Rad Mix: 2

Sec. II

A. Quantity Generated in 1999:
000015435.00

B. Unit Of Measure: 1
Density: 01.00
LB/GAL(1)sg(2) : 2

C. On-site Treatment/Disposal/Recycle of this waste? [N]

On-site System 1
System
Type: M

Quantity T/D/R in
1999:

On-site System 2
System
Type: M

Quantity T/D/R in
1999:

Sec. III

A. Was any of this waste shipped off-site in 1999? [Y]

B. EPA ID No. shipped to	C. System Type	D. Availability Code	E. Qty shipped in 1999
ARD069748192	M 041	1	000015435.00
Site 1	M		
Site 2	M		
Site 3	M		
Site 4	M		
Site 5	M		
Site 6	M		
Site 7	M		
Site 8	M		

Did new activities in 1999 result in minimization of this Waste? [N]

Comments: SEC. I, BOX F - WAFER COATING WITH SILICON (SPIN ON GLASS).E

Site Name: Philips Semiconduct
tors - Albuquerque
EPA ID Number: NMD000709782

FORM
GM

U.S. ENVIRONMENTAL
PROTECTION AGENCY
1999 Hazardous Waste Report
WASTE GENERATION
AND MANAGEMENT

Sec. I | A. Waste Description:
ARSENIC CONTAMINATED MATERIALS FROM EQUIPMENT AND PARTS CLEANING IN ION IMPLANT.

B. EPA hazardous waste codes:
D004

C. State hazardous
waste codes:

D. SIC Code: 3674 E. Origin Code: 1 F. Source Code: A 09 G. Point of Measurement: 3 H. Form code: B 319 I. RCRA/Rad Mix: 2
Sys Type: M

Sec. II | A. Quantity Generated in 1999: 000008143.00 B. Unit Of Measure: 1
Density: 00.00
LB/GAL (1) sg (2) : 2

C. On-site Treatment/Disposal/Recycle of this waste? [N]

On-site System 1	Quantity T/D/R in 1999:	On-site System 2	Quantity T/D/R in 1999:
System Type: M		System Type: M	

Sec. III | A. Was any of this waste shipped off-site in 1999? [Y]

B. EPA ID No. shipped to	C. System Type	D. Availability Code	E. Qty shipped in 1999
ARD069748192	M 043	1	000008143.00
Site 1	M		
Site 2	M		
Site 3	M		
Site 4	M		
Site 5	M		
Site 6	M		
Site 7	M		
Site 8	M		

Did new activities in 1999 result in minimization of this Waste? [N]

Comments: SEC. I, BOX H - ARSENIC CONTAMINATED SOLIDS FROM EQUIPMENT CLEANING AND PERSONAL PROTECTIVE EQUIPMENT (PPE).

Site Name: Philips Semiconduct
tors - Albuquerque
EPA ID Number: NMD000709782

FORM
GM

U.S. ENVIRONMENTAL
PROTECTION AGENCY
1999 Hazardous Waste Report
WASTE GENERATION
AND MANAGEMENT

Sec. I | A. Waste Description:
MERCURY CONTAMINATED/CONTAINING MATERIALS. MERCURY
LAMPS USED IN PHOTO PROCESS, BROKEN THERMOMETERS,
AND FLUORESCENT LIGHT TUBES.

B. EPA hazardous waste codes:
D009

C. State hazardous
waste codes:

D. SIC Code: 3674 E. Origin Code: 1 F. Source Code: A 99 G. Point of Measure-ment: 1 H. Form code: B 319 I. RCRA/Rad Mix: 2
Sys Type: M

Sec. II | A. Quantity Generated in 1999:
000002305.00

B. Unit Of Measure: 1
Density: 00.00
LB/GAL(1) sg(2) : 2

C. On-site Treatment/Disposal/Recycle of this waste? [N]

On-site System 1
System Quantity T/D/R in
Type: M 1999:

On-site System 2
System Quantity T/D/R in
Type: M 1999:

Sec. III | A. Was any of this waste shipped off-site in 1999? [Y]
B. EPA ID No. shipped to C. System Type D. Availability Code E. Qty shipped in 1999

Site 1	ARD069748192	M 141	1	000002305.00
Site 2		M		
Site 3		M		
Site 4		M		
Site 5		M		
Site 6		M		
Site 7		M		
Site 8		M		

Did new activities in 1999 result in minimization of this Waste? [N]

Comments: SEC. I, BOX F - CODE A99 - LAMP REPLACEMENT FROM PHOTO PROCE
SS AND FLUORESCENT FIXTURES.
SEC. I, BOX H - MERCURY CONTAINED IN MANUFACTURED
ARTICLES.

Site Name: Philips Semiconduct
tors - Albuquerque
EPA ID Number: NMD000709782

FORM
GM

U.S. ENVIRONMENTAL
PROTECTION AGENCY
1999 Hazardous Waste Report
WASTE GENERATION
AND MANAGEMENT

Sec. I | A. Waste Description:
SENT ACIDS AND BASES FROM THE MANUFACTURE OF SEMICONDUCTOR D
EVICES; THIS CORROSIVE MIXTURE PRIMARILY CONSISTS OF SULFURI
C ACID, HYDROCHLORIC ACID, HYDROFLUORIC ACID, AND SODIUM HYD
ROXIDE.

B. EPA hazardous waste codes:
D002

C. State hazardous
waste codes:

D. SIC Code: 3674 E. Origin Code: 1 F. Source Code: A 27 G. Point of Measurement: 4 H. Form code: B 105 I. RCRA/Rad Mix: 2
Sys Type: M

Sec. II | A. Quantity Generated in 1999: 000058518.00 B. Unit Of Measure: 2
Density: 01.00
LB/GAL(1) sg(2) : 2

C. On-site Treatment/Disposal/Recycle of this waste? [Y]

On-site System 1 On-site System 2
System Quantity T/D/R in System Quantity T/D/R in
Type: M 135 1999: 000058518.00 Type: M 1999:

Sec. III | A. Was any of this waste shipped off-site in 1999? [N]
B. EPA ID No. shipped to C. System Type D. Availability Code E. Qty shipped in 1999

Site 1		M		
Site 2		M		
Site 3		M		
Site 4		M		
Site 5		M		
Site 6		M		
Site 7		M		
Site 8		M		

Did new activities in 1999 result in minimization of this Waste? [N]

Comments: SEC. I, BOX H - WASTEWATER TREATMENT BY NEUTRALIZATION ONLY.

Site Name: Philips Semiconduct
tors - Albuquerque
EPA ID Number: NMD000709782

FORM
GM

U.S. ENVIRONMENTAL
PROTECTION AGENCY
1999 Hazardous Waste Report
WASTE GENERATION
AND MANAGEMENT

Sec. I

A. Waste Description:
MATERIAL IS USED AS AN ADHESION PROMOTER IN THE MANUFACTURE
OF SEMICONDUCTOR DEVICES. SOLE INGREDIENT IS HEXAMETHYLDISI
LAZANE.

B. EPA hazardous waste codes:
D001 D003

C. State hazardous
waste codes:

D. SIC Code: 3674
E. Origin Code: 1
Sys Type: M
F. Source Code: A 29
G. Point of Measurement: 1
H. Form code: B 203
I. RCRA/Rad Mix: 2

Sec. II

A. Quantity Generated in 1999:
000000068.00

B. Unit Of Measure: 1
Density: 01.00
LB/GAL(1) sg(2) : 2

C. On-site Treatment/Disposal/Recycle of this waste? [N]

On-site System 1

System
Type: M
Quantity T/D/R in
1999:

On-site System 2

System
Type: M
Quantity T/D/R in
1999:

Sec. III

A. Was any of this waste shipped off-site in 1999? [Y]

B. EPA ID No. shipped to	C. System Type	D. Availability Code	E. Qty shipped in 1999
ARD069748192	M 041	1	000000068.00
Site 1	M		
Site 2	M		
Site 3	M		
Site 4	M		
Site 5	M		
Site 6	M		
Site 7	M		
Site 8	M		

Did new activities in 1999 result in minimization of this Waste? [N]

Comments: HEXAMETHYLDISILAZANE IS A FLAMMABLE, WATER REACTIVE SOLVENT.



U.S. ENVIRONMENTAL PROTECTION AGENCY
1999 Hazardous Waste Report

SITE NAME

PHILIPS SEMICONDUCTORS
9201 PAN AMERICAN FRWY. NE
ALBUQUERQUE NM 871130000

EPA ID NO: NMD000709782



IDENTIFICATION AND CERTIFICATION

--

Sec. I Site name and location address		
A. EPA ID No. NMD000709782	B. County BERNALILLO	
C. Site/company name PHILIPS SEMICONDUCTORS	D. Has the site name associated with this EPA ID changed ?	
E. Street name and number. 9201 PAN AMERICAN FRWY. NE		
F. City, town, village, etc. ALBUQUERQUE	G. State NM	H. Zip Code 87113-0000

Sec. II Mailing address of the site.		
A. Is the mailing address the same as the location address?		
B. Number and street name of mailing address 9201 PAN AMERICAN FRWY. NE		
C. City, town, village, etc. ALBUQUERQUE	D. State NM	E. Zip Code 87113-0000

Sec. III Name, title and telephone number of the person who should be contacted if questions arise regarding this report.				
A. Last Name MAUSER	First Name JOE	M.I.	B. Title ENV. SUPERVISOR	C. Telephone (505) 822-7634 Extension 0

Sec. IV	<p>I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties under Section 3008 of the Resource Conservation and Recovery Act for submitting false information, including the possibility of fine and imprisonment for knowing violations.</p>			
A. Last Name REBMAN	First Name HEINZ	M.I.	B. Title VICE PRESIDENT	
C. Signature			D. Date of signature 02 15 2000 <hr style="width:100%; border:0; border-top:1px solid black; margin:5px 0;"/> MO. DAY YEAR	

