

ENVIRONMENTAL
PROJECTS
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May 15, 1996

**UPDATED FACILITY CLOSURE PLAN -
Grove Valve and Regulator Company
Emeryville, California**

Prepared For:

Grove Valve and Regulator Company
6529 Hollis Street
Emeryville, California 94549

Prepared By:

Environmental Management &
Engineering, Inc.
437 Industrial Lane
Birmingham, Alabama 35211
Project No. DRS-95-E942

(Revised May 23, 1996)



Environmental Management & Engineering, Inc.

437 Industrial Lane Post Office Box 19866 Birmingham, AL 35219 (205) 940-7700
5715 Northwest Central Drive Suite 104 Houston, TX 77092 (713) 939-7028

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UPDATED FACILITY CLOSURE PLAN

Grove Valve and Regulator
Emeryville, California

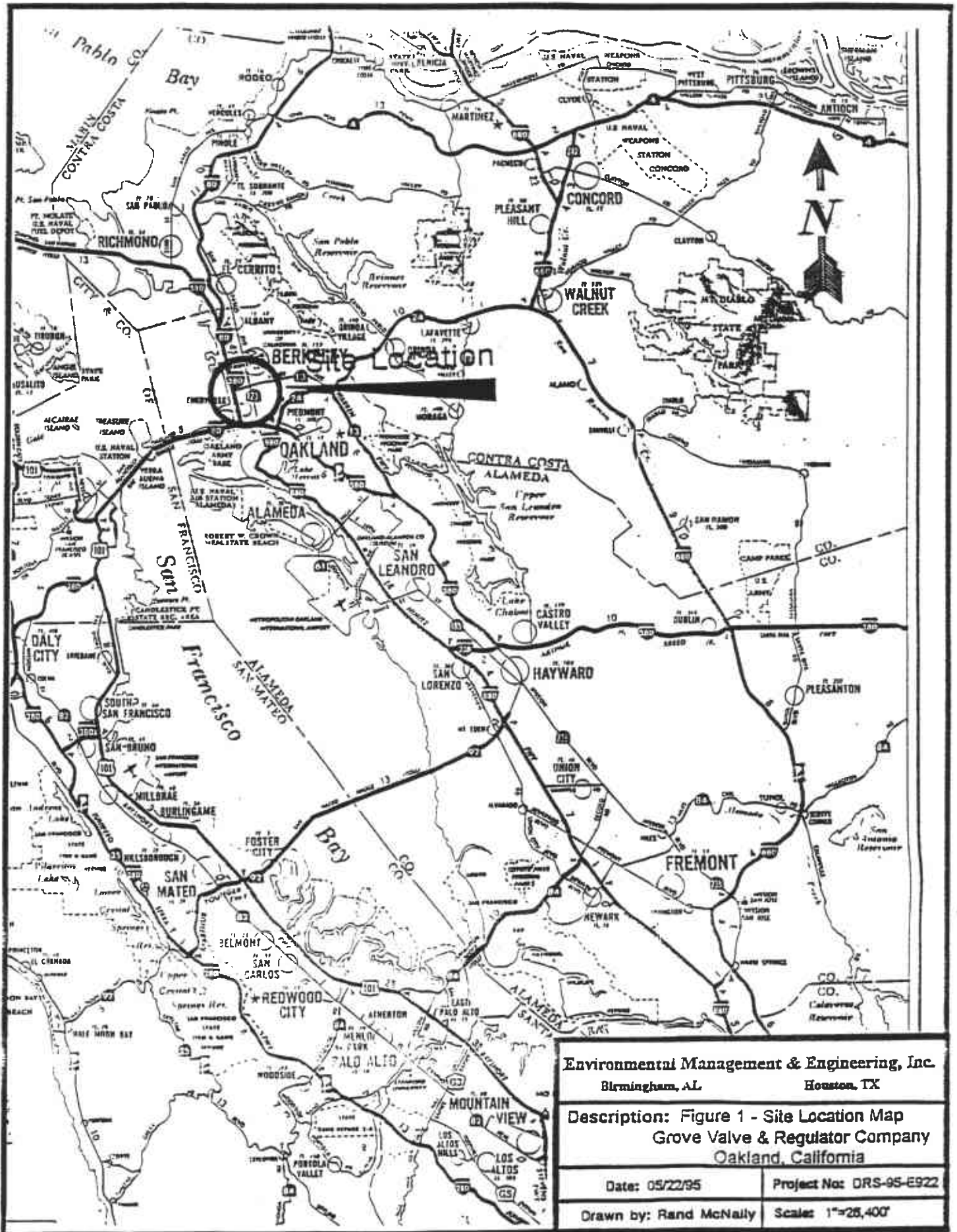
May 15, 1996
(Revised May 23, 1996)

I. General Information

The Grove Valve and Regulator Company (Grove) facility is situated on approximately seven acres located at 6529 Hollis Street, Emeryville, California and has been involved in the development, manufacture and sale of valves and pressure regulators for the oil and gas industry. The area in which the facility is located is highly developed with manufacturing, warehouses, commercial offices, etc. The area under roof at the facility totals approximately 250,000 square feet. Grove formerly leased an additional 45,000 square feet of space across 66th Street. The property is no longer under lease and is occupied by a new commercial tenant. The property is bisected by a multi-track railroad right-of-way on the western portion of the property. Figure 1 is a facility site location map. Figure 2 is a facility layout diagram.

Grove is currently relocating its manufacturing operation to Houston, Texas and is in the process of closing the facility in preparation for the eventual sale of the property. The following is a summary of the closure activities which have been carried out to-date, as well as a description of the remaining closure activities.

Grove is currently conducting quarterly groundwater monitoring as a result of the discovery of low levels of Trichloroethylene (TCE) in the underlying groundwater from an apparent offsite source. The results of this monitoring program are already reported to the Alameda County Department of Environmental Health (ACDEH) periodically and are therefore not discussed in this report.



Environmental Management & Engineering, Inc.
 Birmingham, AL Houston, TX

Description: Figure 1 - Site Location Map
 Grove Valve & Regulator Company
 Oakland, California

Date: 05/22/95	Project No: DRS-95-E922
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Drawn by: Rand McNally	Scale: 1"=25,400'
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**ATTACHMENT 3 – "Closure of Engineering Test
Facility" Robin K. Spencer,
April 1996**



ROBIN K. SPENCER

Certified Hazardous Materials Manager
Registered Environmental Assessor

CLOSURE OF ENGINEERING TEST FACILITY

**GROVE VALVE AND REGULATOR COMPANY
6529 HOLLIS STREET
EMERYVILLE, CA 94608**

Prepared for

**Grove Valve and Regulator Company
11100 W. Airport Blvd.
Stafford, TX 77477**

Prepared by

**Robin K. Spencer, CHMM, R.E.A.
6 Via San Inigo
Orinda, CA 94563**

April 1996

Background

The Grove Valve Engineering Test Facility is located at the corner of Bay and 65th Streets across the Southern Pacific railroad tracks to the west of the main plant. This facility was used to perform strength and other hydraulic tests on valves. Production of Grove products has moved out of state and the facility is in the process of closure and cleanup.

Description of Facility

The Engineering Test Facility primarily consists of a metal building approximately 1950 square feet with a main pit (dimensions 45' x 17' x 7'), and a secondary cylindrical pit (dimensions 6.5' I.D. x 15' deep), a loft, and a restroom. Adjacent to the test facility is a covered storage area of approximately 5400 square feet.

Closure Methodology

To close this facility, Grove Valve pumped all the water out of the two pits and had it and any sludge treated as a hazardous material. The two pits were then steam cleaned and wipe samples were taken for confirmation that the pits were clean. The pipes and ancillary equipment will be moved to the new facility. The pits will be backfilled with clean pea gravel and capped with a 4-to 6-inch layer of concrete.

Grove Valve contracted with Broco Environmental to clean out the pits and transport and dispose of the water. On February 14 and 15, 1996, eight 5000-gallon vacuum tanker trucks were filled with water from the two pits. A total quantity of 34,965 gallons was pumped. On February 16 and 17, workers entered the reservoir using Level B safety protection (complete personal protection with supplied air) to prepare the pits for cleaning and to pressure wash the walls and floors. The entire pump system was drained into the reservoir and the valves and piping removed. The water was pumped out. Workers then steam-cleaned the walls, floors, supports, and other appurtances, and that water was pumped out. In total, an additional 385 gallons of water was pumped. The water and sludge was profiled and sent to Broco Environmental in Rialto, CA for treatment.

Confirmation Sampling

Once clean, three surface wipe samples were taken - two from the primary pit and one from the secondary pit. These were submitted for analysis for mercury and chromium.

Acid Cleaning

Test results of the wipe samples showed an elevated level of mercury on the pit floor. On March 13 and 14, Broco technicians returned and cleaned all surfaces with a 1 percent solution of hydrochloric acid, followed by a pressure wash. The water and acid mix was pumped out to five 55-gallon drums for a total of 275 additional gallons of waste liquid. The water and acid mix was sent to Broco Environmental in Rialto, CA for treatment.

Additional Confirmation Sampling

Wipe samples analyzed after the acid wash showed mercury levels below levels of concern (see attached analytical).

Visual Documentation

Photographic documentation of the clean-out was made using a still camera and a video camera. These photographs and the video cassette are included as attachments.

Supporting Written Documentation

Chain of custody forms, analytical results, manifests, and certificates of treatment are also included as attachments.

**ATTACHMENT 1 – Analytical Results of
Sump Wipe Samples**

Analytical Results After First Cleaning

Enviro - Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: BROCO, 2824 NORTH LOCUST AVE, RIALTO, CA 92376
TEL (909) 350-0580 FAX (909) 356-2878

PROJECT: GROVE VALVE & REGULATOR CO.

MATRIX: WIPE
SAMPLING DATE: 02/17/96
REPORT TO: MR. JAY STRENG

DATE SAMPLE(S) REC'D: 02/19/96
DATE ANALYZED: 02/20/96
DATE REPORTED: 02/21/96

SAMPLE I.D.: #1

LAB I.D.: 960219-24

PARAMETER	UNIT	SAMPLE RESULT	D.L.	METHOD
TOTAL CHROMIUM (Cr)	UG/WIPE	140	10	6010
TOTAL MERCURY (Hg)	UG/WIPE	225	1	7471

COMMENTS

UG = MICROGRAM
D.L. = DETECTION LIMIT
ND = BELOW THE DETECTION LIMIT OR NON-DETECTED

DATA REVIEWED AND APPROVED BY: _____

CAL-DES ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: BROCO, 2824 NORTH LOCUST AVE, RIALTO, CA 92376
TEL (909) 350-0580 FAX (909) 356-2878

PROJECT: GROVE VALVE & RESULATOR CO.MATRIX: WIPEDATE SAMPLE(S) REC'D: 02/19/96SAMPLING DATE: 02/17/96DATE ANALYZED: 02/20/96REPORT TO: MR. JAY STRENGDATE REPORTED: 02/21/96

SAMPLE I.D.: #2

LAB I.D.: 960219-25

PARAMETER	UNIT	SAMPLE RESULT	D.L.	METHOD
TOTAL CHROMIUM (Cr)	UG/WIPE	920	10	6010
TOTAL MERCURY (Hg)	UG/WIPE	13.100	1	7471

COMMENTS

UG = MICROGRAM

D.L. = DETECTION LIMIT

ND = BELOW THE DETECTION LIMIT OR NON-DETECTED

DATA REVIEWED AND APPROVED BY: SK

CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: BROCO, 2824 NORTH LOCUST AVE, RIALTO, CA 92376
TEL (909) 350-0580 FAX (909) 356-2878

PROJECT: GROVE VALVE & REGULATOR CO.

MATRIX: WIDE
SAMPLING DATE: 02/17/96
REPORT TO: MR. JAY STRENG

DATE SAMPLE(S) REC'D: 02/19/96
DATE ANALYZED: 02/20/96
DATE REPORTED: 02/21/96

SAMPLE I.D.: #3

LAB I.D.: 960219-26

PARAMETER	UNIT	SAMPLE RESULT	D.L.	METHOD
TOTAL CHROMIUM (Cr)	UG/WIRE	2.700	10	6010
TOTAL MERCURY (Hg)	UG/WIRE	5.620	1	7471

COMMENTS

UG = MICROGRAM
D.L. = DETECTION LIMIT
ND = BELOW THE DETECTION LIMIT OR NON-DETECTED

DATA REVIEWED AND APPROVED BY: 

CAL-DHS SLAP CERTIFICATE No.: 1555

Analytical Results After Second Cleaning

Enviro-Chem Inc

PHONE NO. : 909 590 5907

Enviro - Chem, Inc:

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: BROCO, 2824 NORTH LOCUST AVE, RIALTO, CA 92376
TEL (909) 350-0580 FAX (909) 356-2878

PROJECT: GROVE VALVE & REGULATOR CO.

MATRIX: WIPE
SAMPLING DATE: 03/14/96
REPORT TO: MR. JAY HAAF

DATE SAMPLE(S) REC'D: 03/18/96
DATE ANALYZED: 03/20-21/96
DATE REPORTED: 03/21/96

SAMPLE I.D.: #1

LAB I.D.: 960318-42

PARAMETER	UNIT	SAMPLE RESULT	D.L.	METHOD
TOTAL MERCURY (Hg)	UG/WIPE	ND	1	7471

COMMENTS

UG = MICROGRAM
D.L. = DETECTION LIMIT
ND = BELOW THE DETECTION LIMIT OR NON-DETECTED

DATA REVIEWED AND APPROVED BY: [Signature]

CAL-DHS ELAP CERTIFICATE No.: 1555

PHONE NO. : 909 590 5907

Enviro-Chem Inc

Enviro - Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: BROCO, 2824 NORTE LOCUST AVE, RIALTO, CA 92376
TEL (909) 350-0580 FAX (909) 356-2878

PROJECT: GROVE VALVE & RESULATOR CO.

MATRIX: WIPE
SAMPLING DATE: 03/14/96
REPORT TO: MR. JAY HRAF

DATE SAMPLE(S) REC'D: 03/18/96
DATE ANALYZED: 03/20-21/96
DATE REPORTED: 03/21/96

SAMPLE I.D.: #2

LAB I.D.: 960318-43

PARAMETER	UNIT	SAMPLE RESULT	D.L.	METHOD
TOTAL MERCURY (Hg)	UG/WIPE	ND	1	7471

COMMENTS

UG = MICROGRAM
D.L. = DETECTION LIMIT
ND = BELOW THE DETECTION LIMIT OR NON-DETECTED

DATA REVIEWED AND APPROVED BY: [Signature]

CAL-DHS ELAP CERTIFICATE No.: 1555

**ATTACHMENT 2 – Engineering Test Sump Waste
Disposal Documentation**

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. **CA1D1061656482141018813** Manifest Document No. **95710883** of **1**
 2. Page 1 Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
GROVE VALVE & REGULATOR CO.
6529 Holtz St.
OAKLAND CA. 94608

A. State Manifest Document Number
95710883

4. Generator's Phone **(510) 455-7700** Attn: **BILL TALLENT**
 6. US EPA ID Number

B. State Generator's ID
WAHQ 360113034

5. Transporter 1 Company Name
ALL WASTE TRANSPORTATION & REMEDIATION INC.
 8. US EPA ID Number **CA1D106135471916**

C. State Transporter's ID
435 923

7. Transporter 2 Company Name
 B. US EPA ID Number

D. Transporter's Phone
800-321-1630

9. Designated Facility Name and Site Address
BIOCO ENVIRONMENTAL INC.
2610 N. AIDER AVE
R.116, CA. 92377
 10. US EPA ID Number **CA1T018101021211418**

E. State Transporter's ID

F. Transporter's Phone
909-350-0580

G. State Facility's ID

H. Facility's Phone

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers No.	13. Total Quantity	14. Unit Wt/Vol	15. Waste Number
a.	0101	TT 0411010	G
b.			
c.			
d.			

a. **NON RCRA HAZARDOUS WASTE 1.00.0,**
(oily water, coolant mixture)

J. Additional Descriptions for Materials Listed Above
HW-0122 KW

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
WEAR protective clothing & EYEWEAR
24 HOUR EMERGENCY # 31
800-352-0530
CONTACT MARY McILVAINE

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name **Bill Tallent** Signature *[Signature]* Month **01** Day **21** Year **1996**

17. Transporter 1 Acknowledgement of Receipt of Materials
 Printed/Typed Name **STEVE DUNSTON** Signature *[Signature]* Month **01** Day **21** Year **1996**

18. Transporter 2 Acknowledgement of Receipt of Materials
 Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
 Printed/Typed Name **JAY S. HATE** Signature *[Signature]* Month **02** Day **11** Year **1996**

DO NOT WRITE BELOW THIS LINE.

Yellow: TSDF SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS.
 (Generators who submit hazardous waste for transport out-of-state, produce completed copy of this copy and send to DTSC within 30 days.)

95710883
 IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802. WITHIN CALIFORNIA, CALL 1-800-852-7550.



Environmental
Incorporated

2824 North Locust Ave.
Rialto, California 92377
(909) 350-0580
Cust. Serv. Fax (909) 356-9337
Corporate Fax (909) 356-2878

Certificate of Recycling or Disposal

ISSUED TO: Grove Valve & Regulator Co.

Broco Environmental has received, accepted and taken title to the waste identified on manifest number 95710883.

Broco Environmental has assumed all liability for the waste identified on this manifest.

Broco Environmental has recycled or beneficially reused these items where economically and technically feasible.

3/6/96
Date

David S.
President



95710853
 IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802. WITHIN CALIFORNIA, CALL 1-800-852-7550.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CA D01616151641821411018	Manifest Document No. 513	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address GROVE VALVE & REGULATOR Co. 6529 Hollis St. OAKLAND CA, 94608			A. State Manifest Document Number 95710853		
4. Generator's Phone (510) 555 7700 Attn: R. H. TALLENT			B. State Generator's ID HAHQ3601310314		
5. Transporter 1 Company Name All Waste Transportation Inc.		6. US EPA ID Number CA D016135471916	C. State Transporter's ID 442 785		
7. Transporter 2 Company Name		8. US EPA ID Number	D. Transporter's Phone 800 321-1030		
9. Designated Facility Name and Site Address BROCO ENVIRONMENTAL INC. 2610 N. AIDER AVE R. AHO CA, 92377			E. State Transporter's ID		
10. US EPA ID Number CA T0910102211418			F. Transporter's Phone		
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)			12. Containers No. Type	13. Total Quantity	14. Unit Wt/Vol
a. NON RCRA HAZARDOUS WASTE LIQUID (oily water / coolant mixture)			001 TT	0481010	G
b.					
c.					
d.					
15. Additional Descriptions for Materials Listed Above (in) oil tank			K. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information WEAR protective clothing & EYEWEAR			24 Hour Emergency # 800-352-0590 Contact Mary McIlhaine		
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.					
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name BILL TALLENT		Signature <i>[Signature]</i>		Month Day Year 02 14 96	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Scott Willis		Signature <i>[Signature]</i>		Month Day Year 02 14 96	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name JAY S. HAUF		Signature <i>[Signature]</i>		Month Day Year 02 14 96	

DO NOT WRITE BELOW THIS LINE.

Yellow: TSDF SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS.
 (Generators who submit hazardous waste for transport out-of-state, produce completed copy of this copy and send to DTSC within 30 days.)



2824 North Locust Ave.
Rialto, California 92377
(909) 350-0580
Cust. Serv. Fax (909) 356-9337
Corporate Fax (909) 356-2878

Certificate of Recycling or Disposal

ISSUED TO: Grove Valve & Regulator Co.

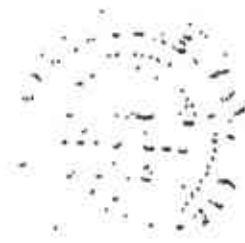
Broco Environmental has received, accepted and taken title to the waste identified on manifest number 95710855.

Broco Environmental has assumed all liability for the waste identified on this manifest.

Broco Environmental has recycled or beneficially reused these items where economically and technically feasible.

3/6/96
Date

James O'St
President



95710851
 IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CA1D066564824110851	Manifest Document No. 10851	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address GROVE VALVE & REGULATOR CO. 6529 Hollis St. OAKLAND CA 94608			A. State Manifest Document Number 95710851		B. State Generator's ID HANG36013034	
4. Generator's Phone (510) 655-7700 ATTN: Bill Tailent			C. State Transporter's ID 12000		D. Transporter's Phone 916-352-0580	
5. Transporter 1 Company Name WASTE TRANSPORTATION & REMEDIATION INC.			6. US EPA ID Number CA1D063547996		E. State Transporter's ID 12000	
7. Transporter 2 Company Name			8. US EPA ID Number		F. Transporter's Phone	
9. Designated Facility Name and Site Address PROCO ENVIRONMENTAL INC. 2610 N. AIDER AVE Rialto Ca. 92377			10. US EPA ID Number CA1T01801022148		G. State Facility ID 209-352-0580	
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)			12. Containers No.	13. Total Quantity	14. Unit Wt/Vol	1. Waste Number
a. NON RCRA HAZARDOUS WASTE, LIQID (oily water / coolant mixture)			001T6	48000	G	State 221, 223 EPA/Other 162-800
b.						State EPA/Other
c.						State EPA/Other
d.						State EPA/Other
1. Additional Descriptions for Materials Listed Above 1A) OILZ KW			K. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information WEAR PROTECTIVE clothing & EYEWEAR ERG#31			24 HOUR EMERGENCY # 800-352-0580 CONTACT MARY McILVANE			
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.						
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name BILL TAILENT			Signature <i>[Signature]</i>		Month Day Year 02/14/96	
17. Transporter 1 Acknowledgement of Receipt of Materials			Printed/Typed Name Bill Tailment		Signature <i>[Signature]</i>	
18. Transporter 2 Acknowledgement of Receipt of Materials			Printed/Typed Name		Signature	
19. Discrepancy Indication Space						
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name JAY S. HAAF			Signature <i>[Signature]</i>		Month Day Year 02/14/96	

DO NOT WRITE BELOW THIS LINE.

Yellow: TSDf SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS.
 (Generators who submit hazardous waste for transport out-of-state, produce completed copy of this copy and send to DTSC within 30 days.)



Environmental
Incorporated

2824 North Locust Ave.
Rialto, California 92377
(909) 350-0580
Cust. Serv. Fax (909) 356-9337
Corporate Fax (909) 356-2878

Certificate of Recycling or Disposal

ISSUED TO: Grove Valve & Regulator Co.

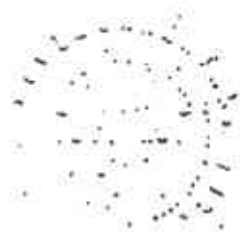
Broco Environmental has received, accepted and taken title to the waste identified on manifest number 95710851.

Broco Environmental has assumed all liability for the waste identified on this manifest.

Broco Environmental has recycled or beneficially reused these items where economically and technically feasible.

3/6/96
Date

Daniel St
President



95533143
 IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802. WITHIN CALIFORNIA, CALL 1-800-832-7550
 GENERATOR
 TRANSPORTER
 FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CA D066564824331		Manifest Document No. 43		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.					
3. Generator's Name and Mailing Address GROVE VALVE & REGULATOR CO, 6529 Hollis St. OAKLAND Ca. 94608				A. State Manifest Document Number 95533143		B. State Generator's ID HAHQ36043434							
4. Generator's Phone (510) 655-7706 ATTN: BILL TAILENT				C. State Transporter's ID 611504		D. Transporter's Phone 800 321-1030							
5. Transporter 1 Company Name ALLWASTE TRANSPORTATION & REMEDIATION Inc.				6. US EPA ID Number CA D063547996		E. State Transporter's ID							
7. Transporter 2 Company Name				8. US EPA ID Number		F. Transporter's Phone							
9. Designated Facility Name and Site Address BACO ENV. ROAMMENT Inc. 2616 H. AIDER AVE RICHMOND Ca. 92377				10. US EPA ID Number CA T080022148		G. State Facility's ID							
						H. Facility's Phone (909) 350-0580							
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers		13. Total Quantity		14. Unit Wt/Vol		15. Waste Number	
						No. Type		Quantity		Wt/Vol		State EPA/Other	
a. NON REHA HAZARDOUS WASTE LIQUID (Oily WATER, COOLANT MIXTURE)						001 TT		04800		G		State 221 223 EPA/Other NON REHA	
b.												State EPA/Other	
c.												State EPA/Other	
d.												State EPA/Other	
J. Additional Descriptions for Materials Listed Above (1a) 0122KW ERG #31						K. Handling Codes for Wastes Listed Above							
15. Special Handling Instructions and Additional Information WEAR PROTECTIVE CLOTHING & EYEWEAR						24 HOUR EMERGENCY # (800) 352-0580 CONTACT MARY McILVAINE							
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.										If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.			
Printed/Typed Name BILL TAILENT				Signature 				Month Day Year 02/14/96					
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Don Timmerman				Signature 				Month Day Year 02/14/96					
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name				Signature				Month Day Year					
19. Discrepancy Indication Space													
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.													
Printed/Typed Name JAY S. HAAF				Signature 				Month Day Year 02/14/96					

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Rialto, California 92377
(909) 350-0580
Cust. Serv. Fax (909) 356-9337
Corporate Fax (909) 356-2878

Certificate of Recycling or Disposal

ISSUED TO: Grove Valve & Regulator Co.

Broco Environmental has received, accepted and taken title to the waste identified on manifest number 95533143.

Broco Environmental has assumed all liability for the waste identified on this manifest.

Broco Environmental has recycled or beneficially reused these items where economically and technically feasible.

3/6/96
Date

Daniel St
President



95533140
IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802. WITHIN CALIFORNIA, CALL 1-800-852-7550

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. C A D O 6 6 5 6 4 8 2 4 3 3 1 4 0		Manifest Document No. 1 4 0		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.			
3. Generator's Name and Mailing Address 6524 Hollis St. OAKLAND Ca. 94608				A. State Manifest Document Number 95533140		B. State Generator's ID H A H Q 3 6 0 4 3 0 3 4					
4. Generator's Phone (510) 655-7700 ATTN: Bill Tallent				C. State Transporter's ID 442984		D. Transporter's Phone 321-1030					
5. Transporter 1 Company Name REMEDIATION All WASTE TRANSPORTATION & INC.				6. US EPA ID Number C A D O 6 3 5 4 7 9 9 6		E. State Transporter's ID					
7. Transporter 2 Company Name				8. US EPA ID Number		F. Transporter's Phone					
9. Designated Facility Name and Site Address BROOK ENVIRONMENTAL INC. 2610 N. AIDER AVE R.140 Ca. 92377				10. US EPA ID Number C A T 0 8 0 0 2 2 1 4 8		G. State Facility's ID					
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)				12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol		I. Waste Number	
a. Non RCRA HAZARDOUS WASTE, LIQUID (oily water / coolant mixture)				001 TT		04700		G		221 223 NON-RCRA	
b.										State EPA/Other	
c.										State EPA/Other	
d.										State EPA/Other	
J. Additional Descriptions for Materials Listed Above Haj 0122 KL ERG #31						K. Handling Codes for Wastes Listed Above					
15. Special Handling Instructions and Additional Information WEAR PROTECTIVE CLOTHING & EYEWEAR						24 HOUR EMERGENCY # 800-352-USEC CONTACT MARY McILVAINE					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.											
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.											
Printed/Typed Name Bill Tallent				Signature <i>[Signature]</i>				Month Day Year 0 2 1 5 9 6			
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Bill Tallent				Signature <i>[Signature]</i>				Month Day Year 0 2 1 5 9 6			
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name				Signature				Month Day Year			
19. Discrepancy Indication Space											
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.											
Printed/Typed Name Jay S. Haaf				Signature <i>[Signature]</i>				Month Day Year 0 2 1 5 9 6			

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Certificate of Recycling or Disposal

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Broco Environmental has received, accepted and taken title to the waste identified on manifest number 95533140.

Broco Environmental has assumed all liability for the waste identified on this manifest.

Broco Environmental has recycled or beneficially reused these items where economically and technically feasible.

3/6/96

Date

David St

President



95533139
GENERATOR
TRANSPORTER
FACILITY
IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802 WITHIN CALIFORNIA, CALL 1-800-832-7550

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CA1D016656482433	Manifest Document No. 1319	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address 6529 Hollis St. OAKLAND Ca. 94608			A. State Manifest Document Number 95533139		
4. Generator's Phone (510) 655-7700 ATTN: BILL TALLENT			B. State Generator's ID HAHQ36043034		
5. Transporter 1 Company Name REMEDIATION		6. US EPA ID Number KAD063547996		C. State Transporter's ID	
7. Transporter 2 Company Name			D. Transporter's Phone 800 321-1030		
8. US EPA ID Number		E. State Transporter's ID		F. Transporter's Phone	
9. Designated Facility Name and Site Address BROOK ENVIRONMENTAL INC. 2610 N AIDER AVE RICHMOND Ca. 94807			10. US EPA ID Number CAT080022148		
G. State Facility's ID			H. Facility's Phone (909) 350-0580		
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No. Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. NON RCRA HAZARDOUS WASTE, LIQUID (oily water / coolant mixture)		001 TT 04	700	G	State 221 223 EPA/Other RBH RCRA
b.					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other
J. Additional Descriptions for Materials Listed Above (h) 0122 KW			K. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information WEAR PROTECTIVE CLOTHING & EYEWEAR 24 HOUR EMERGENCY # 800 352-0580 CONTACT MARY McILVAINE					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name BILL TALLENT		Signature <i>[Signature]</i>		Month Day Year 02/15/96	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name TON EDWARDS		Signature <i>[Signature]</i>		Month Day Year 02/15/96	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name JAY S. HAAF		Signature <i>[Signature]</i>		Month Day Year 02/15/96	

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Certificate of Recycling or Disposal

ISSUED TO: Grove Valve & Regulator Co.

Broco Environmental has received, accepted and taken title to the waste identified on manifest number 95533139.

Broco Environmental has assumed all liability for the waste identified on this manifest.

Broco Environmental has recycled or beneficially reused these items where economically and technically feasible.

3/6/96

Date

David ST

President



95533144
 IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CAD06656482433		Manifest Document No. 144		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.		
		3. Generator's Name and Mailing Address 6529 Hills St. OAKLAND Ca. 94608		4. Generator's Phone (510) 655-7700		ATTN: BILL TALLENT				K. State Manifest Document Number 95533144
5. Transporter 1 Company Name Allwaste Transportation & Remediation Inc.		6. US EPA ID Number CAD063547996		C. State Transporter's ID 442989		D. Transporter's Phone 800 321-1030		B. State Generator's ID HAMQ36043034		
7. Transporter 2 Company Name		8. US EPA ID Number		E. State Transporter's ID		F. Transporter's Phone		G. State Facility's ID		
9. Designated Facility Name and Site Address Bioco Environmental Inc. 2610 N. AIDER AVE RICHMO CO, 92377		10. US EPA ID Number CAT080022148		H. Facility's Phone (909) 350-0580						
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)			12. Containers		13. Total Quantity		14. Unit Wt/Vol		L. Waste Number	
			No. Type		Quantity		Wt/Vol			
a. NON RCRA HAZARDOUS WASTE, LIQUID (oily water / coolant mixture)			001 T T		04700 G		G		State 221 223	
b.									State	
c.									EPA/Other	
d.									State	
									EPA/Other	
J. Additional Descriptions for Materials Listed Above 16a) 0122 Kw ERG #31						K. Handling Codes for Wastes Listed Above				
15. Special Handling Instructions and Additional Information WEAR PROTECTIVE CLOTHING & GUEHRAZ						24 HOUR EMERGENCY # (800) 352-0580 CONTACT MARY McELVAINE				
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.										
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Printed/Typed Name Bill Tallent			Signature <i>[Signature]</i>			Month 02		Day 15		Year 96
17. Transporter 1 Acknowledgement of Receipt of Materials			Printed/Typed Name Scott Willis			Signature <i>[Signature]</i>			Month 02	
18. Transporter 2 Acknowledgement of Receipt of Materials			Printed/Typed Name			Signature			Month	
19. Discrepancy Indication Space										
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.										
Printed/Typed Name JAY S. HAAF			Signature <i>[Signature]</i>			Month 02		Day 15		Year 96

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Certificate of Recycling or Disposal

ISSUED TO: Grove Valve & Regulator Co.

Broco Environmental has received, accepted and taken title to the waste identified on manifest number 95533144.

Broco Environmental has assumed all liability for the waste identified on this manifest.

Broco Environmental has recycled or beneficially reused these items where economically and technically feasible.

3/6/96
Date

David St
President



95533142
 IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CA D06656482433142	Manifest Document No. 142	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address GROVE VALVE & REGULATOR CO. 6529 Hollis St. OAKLAND Ca. 94608			Associate Manifest Document Number 95533142		B. State Generator's ID HAH036043034	
4. Generator's Phone (510) 655-7700		ATTN: Bill TALLENT		C. State Transporter's ID 611504		D. Transporter's Phone 321-1030
5. Transporter 1 Company Name & Registration Allwaste TRANSPORTATION INC.		6. US EPA ID Number CA D063547996		E. State Transporter's ID		F. Transporter's Phone
7. Transporter 2 Company Name		8. US EPA ID Number		G. State Facility's ID		H. Facility's Phone 909 350-0580
9. Designated Facility Name and Site Address BIOO ENVIRONMENTAL INC. 2610 H. AIDER AVE R. ALHO Ca. 92377		10. US EPA ID Number CA T080022148				
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers		13. Total Quantity	14. Unit Wt/Vol	L. Waste Number
a. NON REHA HAZARDOUS WASTE, LIQUID (OILY WATER / COOLANT MIXTURE)		No. Type 001 TT		04800	G	Site 221 223 EPA/Other RERA
b.						State EPA/Other
c.						State EPA/Other
d.						State EPA/Other
J. Additional Descriptions for Materials Listed Above 11a) OILY KW ERG #31		K. Handling Codes for Wastes Listed Above				
15. Special Handling Instructions and Additional Information WEAR protective clothing & EYEWEAR		24 HOUR EMERGENCY # (800) 352-0580 CONTACT MARY McILVAINE				
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name Bill TALLENT		Signature <i>[Signature]</i>		Month 0	Day 21	Year 15 16
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name DON TIMMERMAN		Signature <i>[Signature]</i>		Month 0	Day 21	Year 15 16
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Month	Day	Year
19. Discrepancy Indication Space						
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Printed/Typed Name JAY S. HAAF		Signature <i>[Signature]</i>		Month 02	Day 15	Year 15 16

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Corporate Fax (909) 356-2878

Certificate of Recycling or Disposal

ISSUED TO: Grove Valve & Regulator Co.

Broco Environmental has received, accepted and taken title to the waste identified on manifest number 95533142.

Broco Environmental has assumed all liability for the waste identified on this manifest.

Broco Environmental has recycled or beneficially reused these items where economically and technically feasible.

3/6/96

Date

David St

President



95922843
 IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802. WITHIN CALIFORNIA, CALL 1-800-832-7550

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CA1ND01616151641812141212181413		Manifest Document No. of 1		2. Page 1		Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address GROVE VALLE & REGULABLE CO. 6529 Hollis St. OAKLAND Ca. 94608				A. State Manifest Document Number 95922843		B. State Generator's ID HA1ND031614131019			
4. Generator's Phone (City) (510) 655-7700				6. US EPA ID Number		C. State Transporter's ID 615279			
5. Transporter 1 Company Name MIDWEST ENVIRONMENTAL TRANSPORT				8. US EPA ID Number CA1T0181010121711418		D. Transporter's Phone (909) 350-0580			
7. Transporter 2 Company Name						E. State Transporter's ID 615279 WA			
9. Designated Facility Name and Site Address BROCO ENVIRONMENTAL INC. 2610 N. AIDER AVE RIVERS Ca. 92377				10. US EPA ID Number CA1T0181010121711418		F. Facility's Phone (909) 350-0580			
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)				12. Containers		13. Total Quantity		14. Unit Wt/Vol	
				No. Type					
a. HAZARDOUS WASTE LIQUID, Nos (D007, D009) RQ 9 UN3082 II (PENDING ANALYTICAL)				0614		116106		P	
b. HAZARDOUS WASTE LIQUID, Nos (D007, D009) RQ 9 UN3082 II (SLUDGE, PENDING ANALYTICAL)				0103		112106		P	
c. HAZARDOUS WASTE SOLID, Nos (D007, D009) RQ 9 HA3077 II (PPE PENDING ANALYTICAL)				0101		110101		P	
d.									
1. Additional Descriptions for Materials Listed Above 1A) TA0817				K. Handling Codes for Wastes Listed Above a. 14/01 b. 14/01 c. 14/01 d.					
15. Special Handling Instructions and Additional Information WEAR APPROPRIATE PPE				24 HOUR EMERGENCY # (800) 352-0580 Contact MARY JOELLANE					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.									
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Printed/Typed Name Bill TALENT				Signature <i>[Signature]</i>				Month Day Year 01/21/96	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name William Rodriguez				Signature <i>[Signature]</i>				Month Day Year 01/21/96	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name				Signature				Month Day Year	
19. Discrepancy Indication Space									
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.									
Printed/Typed Name Mark Howard				Signature <i>[Signature]</i>				Month Day Year 01/21/96	

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Corporate Fax (909) 356-2878

Certificate of Recycling or Disposal

ISSUED TO: Grove Valve & Regulator Co.

Broco Environmental has received, accepted and taken title to the waste identified on manifest number 95922843.

Broco Environmental has assumed all liability for the waste identified on this manifest.

Broco Environmental has recycled or beneficially reused these items where economically and technically feasible.

3/6/96
Date

David St.
President



95-710913
CALIFORNIA, CALIF. 1-800-852-7350
EMERGENCY
95-710913
CALIFORNIA, CALIF. 1-800-852-7350
EMERGENCY
95-710913
CALIFORNIA, CALIF. 1-800-852-7350
EMERGENCY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.		
3. Generator's Name and Mailing Address 6529 Hollis St. OAKLAND Ca. 94608		GROVE VALVE & REGULATOR CO.		A. State Manifest Document Number 95710913			
4. Generator's Phone (510) 655-7700		ATTN: BILL TALLENT		B. State Generator's ID HIAHQ36043034			
5. Transporter 1 Company Name MIDWEST ENVIRONMENTAL TRANSPORT		6. US EPA ID Number 01H1010101010101010539		C. State Transporter's ID 615-279			
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone (909) 350-0580			
9. Designated Facility Name and Site Address BROCO ENVIRONMENTAL INC. 2610 H. AIDER AVE Rialto Ca. 92377		10. US EPA ID Number K1AT10B10101221148		E. State Transporter's ID			
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) a. WASTE CORROSIVE LIQUIDS NOS (D002) RA 8 UN1760 II (Hydrochloric Acid, water)		12. Containers No. Type 0105 DF 0102175		13. Total Quantity G		14. Unit Wt/Vol G	
15. Special Handling Instructions and Additional Information 24 Hour EMERGENCY # (800) 352-0580 CONTACT MARY McELVAIN		16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.		17. Transporter 1 Acknowledgement of Receipt of Materials		L. Waste Number State 791 EPA/Other D002	
19. Discrepancy Indication Space		18. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.		K. Handling Codes for Wastes Listed Above			

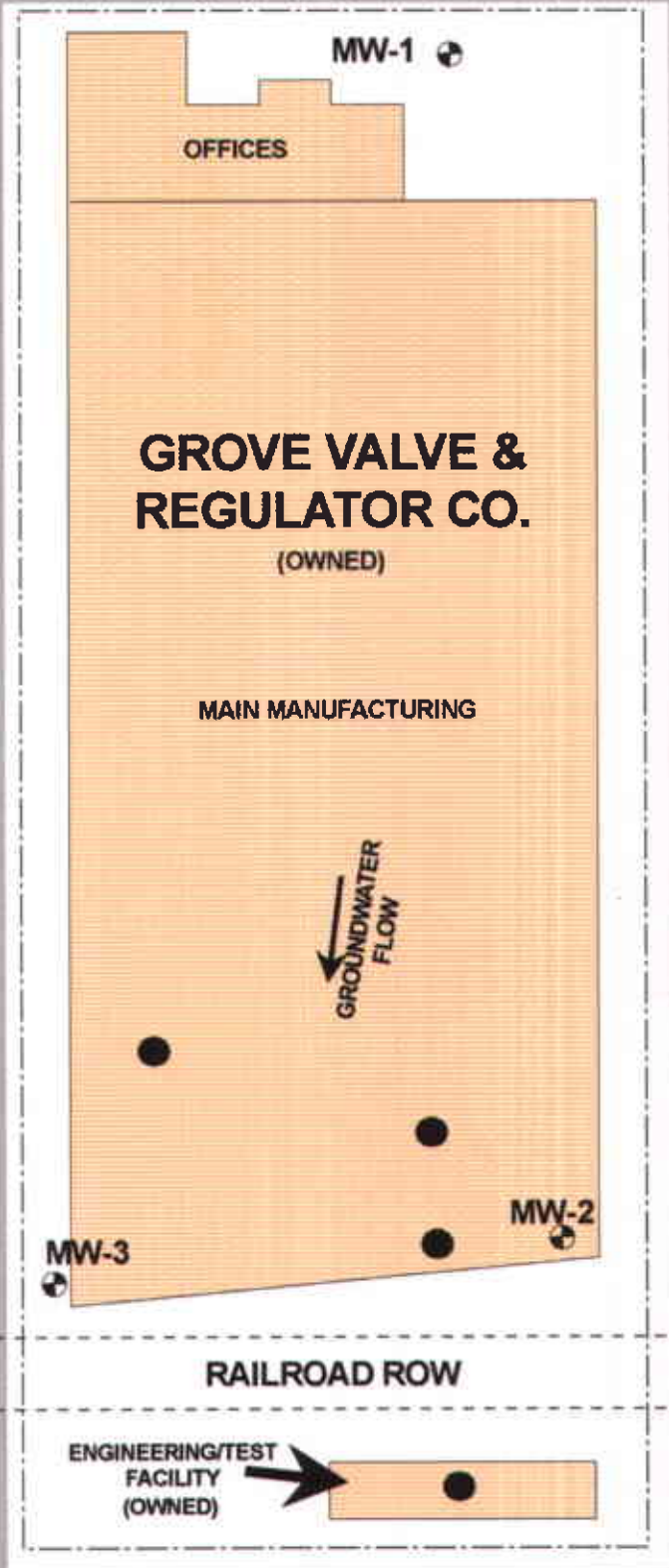
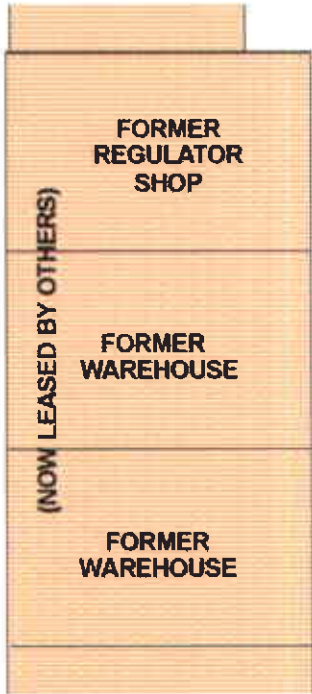
SECOND CLEANING

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P.O. Box 400, Sacramento, CA 95812-0400



LEGEND

-  MONITORING WELL
-  SUMP/PIT LOCATION

ENVIRONMENTAL MANAGEMENT & ENGINEERING INC.	
Birmingham, AL	Houston, TX
Description: FIGURE 2 FACILITY LAYOUT DIAGRAM	
Date: 5/14/96	Project No.: DRS-95-E942
Drawn By: MKH	Scale: NTS

II. Facility Closure Activities

A. Equipment Removal

The majority of the usable manufacturing equipment and stock inventory has been relocated to the new facility in Texas. Any remaining equipment and/or material will be recycled/disposed in accordance with applicable local, state and federal regulations.

All equipment will be inspected to ensure that it has been drained of any fluids and cleaned prior to recycling. Any equipment which is found to include asbestos containing insulation, gaskets, etc. will be abated by a certified handler of asbestos. All wastes resulting from the above activities will be disposed in accordance with applicable local, state and federal regulations.

B. Sump Cleaning

✓ The Grove facility has several sumps/pits which were used to store and circulate water used for hydrostatic testing of Grove products. The largest of these pits with a combined capacity of approximately 40,000 gallons were located within the Engineering Test facility building located on the western portion of the property. In preparation for facility closure, Grove contracted with Broco Environmental to pump out the water and sludge from the pits, steam clean the interior surfaces and perform wipe tests to confirm adequate cleaning. The results of the wipe tests revealed slightly elevated levels of Mercury on the pit floor. The work was carried out on February 14-15, 1996. Broco conducted additional cleaning by hydrochloric acid bath followed by pressure washing. A second round of wipe samples confirmed adequate cleaning of the sump pit. Analytical results for both rounds of wipe sampling are included as Attachment 1. A total of 35,625 gallons of liquid and 2,900 pounds of sludge waste was generated by the pit closure/cleaning activities in the Engineering Test Facility.

The waste was profiled and disposed by Broco Environmental. Attachment 2 contains copies of the disposal documentation related to this waste. ✓

After cleaning, the pits were carefully inspected and photographically documented and appeared to be structurally sound with no evidence of leaks or cracks. Grove has filled the pits with pea gravel and capped the area with reinforced concrete 4-6 inches thick. The closure was observed by Ms. Robin Spencer (Consultant). Ms. Spencer's resulting report is included as Attachment 3.

In addition to the pits in the Engineering Test Facility, two small pits which were also used to store circulating test water were located in the main facility. These pits were pumped of water and steam cleaned on February 16, 1996. A total of 4,850 gallons of waste water was accumulated in the pumping/cleaning activities and profiled for disposal by Broco Environmental. Attachment 4 contains copies of the disposal documentation for this material. The pits were then closely inspected, photographed and documented to confirm structural integrity. No evidence of leaks or cracks were apparent. The decision to fill the pits or not will be based on the needs of prospective buyers of the facility.

On February 17, 1996, the water curtain reservoirs at the facility's three paint booths were cleaned, producing approximately 13,600 pounds of wastewater/sludge. The material was disposed by Broco Environmental. Attachment 5 contains copies of the disposal documentation.

An additional sump associated with the recirculating steam cleaning operations in the main building remains in use at the facility in support of closure activities. This sump will be pumped and cleaned when it is no longer needed. Other small sumps and pits will be addressed as they become accessible after the removal of facility equipment. All wastes generated will be disposed in accordance with applicable local, state and federal regulations.

C. Miscellaneous

Few process wastes are being generated during closure activities at the facility. Those that are accumulated (steam cleaning waste, materials determined to be unusable at the new location, etc.) will be handled and disposed in accordance with applicable local, state and federal regulations.

As the nature of the future use of the facility by prospective buyers is unknown, Grove has not determined the extent of facility modification which will be necessary. Should interior demolition be necessary, all recycled materials and wastes will be handled and disposed properly. A portion of the main shop floor is covered with wooden block flooring. Should it be necessary to remove this flooring, it will be properly profiled to determine its hazardous or non-hazardous status and disposed of accordingly in compliance with local, state and federal regulations.

remove flooring

III. Summary

The Grove Valve and Regulator Company (Grove) is in the process of relocating its manufacturing operation from its facility in Emeryville, California to Texas. Various closure activities of environmental significance are being conducted in preparation for the eventual sale of the property. Various sumps and pits have been pumped and cleaned and the generated waste disposed properly. One sump which is still in use will be properly closed at the cessation of activity at the facility. Useable equipment, stock inventory, and other materials are being transferred to the new facility. The majority of process wastes which were generated during production activities have already been properly disposed. Any wastes generated during facility closure activities, remodeling, etc. will likewise be handled and disposed in accordance with applicable local, state, and federal regulations. Upon completion of closure activities, a final closure update will be prepared and submitted to appropriate regulatory agencies as may be required.

**ATTACHMENT 4 – Main Facility Sump Waste
Disposal Documentation**

95922834
 IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550
 HAZARDOUS WASTE FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CA1D1016165164182141221834	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.					
3. Generator's Name and Mailing Address 6529 Hollis St. OAKLAND Ca. 94608			A. State Manifest Document Number 95922834		B. State Generator ID HA11936043634					
4. Generator's Phone (510) 655-7700 ATTN: Bill Talient			C. State Transporter ID 800 321-1050		D. Transporter Phone 800 321-1050					
5. Transporter 1 Company Name REMEDIATION			6. US EPA ID Number CA1D1016135479916		E. State Transporter ID 800 321-1050					
7. Transporter 2 Company Name			8. US EPA ID Number		F. Transporter Phone					
9. Designated Facility Name and Site Address BRXO ENVIRONMENTAL INC. 2610 N. AIDER AVE RIALTO Ca. 92377			10. US EPA ID Number CA1T01800221148		G. State Facility ID 800 352-0580					
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers		13. Total Quantity	14. Unit Wt/Vol	15. Waste Number				
		a. NON RCRA HAZARDOUS WASTE, LIQUID (Oily LAHR / COALHT MIXTURE)					No.	Type	State 221 225 EPA/Other NON-RCRA	
		b.								State
		c.								EPA/Other
		d.								State
				EPA/Other						
16. J. Additional Descriptions for Materials Listed Above HA 0122 KW EPC #31			K. Handling Codes for Wastes Listed Above							
15. Special Handling Instructions and Additional Information WEAR PROTECTIVE CLOTHING & EYEWEAR			24 Hour Emergency # 800-352-0580 CONTACT MARY McILVAINE							
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.										
Printed/Typed Name Bill Talient		Signature <i>[Signature]</i>		Month Day Year 02/16/96						
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Tom Willis		Signature <i>[Signature]</i>		Month Day Year 02/16/96						
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Month Day Year						
19. Discrepancy Indication Space										
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.										
Printed/Typed Name JAY S. HAAF		Signature <i>[Signature]</i>		Month Day Year 02/16/96						

DO NOT WRITE BELOW THIS LINE.

Yellow: TSDF SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS.
 Generators who submit hazardous waste for transport out-of-state, produce completed copy of this copy and send to DTSC within 30 days.



2824 North Locust Ave.
Rialto, California 92377
(909) 350-0580
Cust. Serv. Fax (909) 356-9337
Corporate Fax (909) 356-2878

Certificate of Recycling or Disposal

ISSUED TO: *Grove Valve & Regulator Co.*

Broco Environmental has received, accepted and taken title to the waste identified on manifest number 95922834.

Broco Environmental has assumed all liability for the waste identified on this manifest.

Broco Environmental has recycled or beneficially reused these items where economically and technically feasible.

3/6/96

Date

David St

President



UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. **CA1D0161656482422840** Manifest Document No. **95922840** of **1**

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
6529 Hollis St. GROVE VALVE & REGULATOR CO.
OAKLAND CA 94608
 4. Generator's Phone (510) **655-7700** Attn: **BILL TAILENT**

5. State Manifest Document Number
95922840

5. Transporter 1 Company Name
REMEDIATION
All Waste Transportation & Inc. CA1D01616354179916

6. State Generator's ID
HA1193610430341

7. Transporter 2 Company Name
 8. US EPA ID Number

7. State Transporter's ID
800 321-1030

9. Designated Facility Name and Site Address
Broco Environmental Inc.
2610 NI AIDER AVE
Rialto Ca. 92377 CA1A1081010221148

8. State Transporter's ID

9. State Facility's ID
(909) 350-0580

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers No.	13. Total Quantity	14. Unit Wt/Vol	15. Waste Number
a. NON RCRA HAZARDOUS WASTE, 1600			State: 221 223
oily water / coolant mixture	0101	T.T. 02141010	EPA/Other: Non RCRA
b.			State:
c.			EPA/Other:
d.			State:
			EPA/Other:

J. Additional Descriptions for Materials Listed Above
11a) 0122KW
ERG #31

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
WEAR Protective clothing & EYEWEAR
24 HOUR Emergency #
800 352-0580
CONTACT MARY McILVANE

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: **Bill Tailent** Signature: *[Signature]* Month: **02** Day: **16** Year: **1996**

17. Transporter 1 Acknowledgement of Receipt of Materials
 Printed/Typed Name: **Ray Barrett** Signature: *[Signature]* Month: **02** Day: **16** Year: **1996**

18. Transporter 2 Acknowledgement of Receipt of Materials
 Printed/Typed Name: Signature: Month: Day: Year:

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.
 Printed/Typed Name: **JAY S. HAAF** Signature: *[Signature]* Month: **02** Day: **16** Year: **1996**

DO NOT WRITE BELOW THIS LINE.
 Yellow: TSDf SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS
 Generators who submit hazardous waste for transport out-of-state, produce completed copy of this copy and send to DTSC within 30 days.

95922840
 IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802. WITHIN CALIFORNIA, CALL 1-800-632-7550
 GENERATOR
 FACILITY



2824 North Locust Ave.
Rialto, California 92377
(909) 350-0580
Cust. Serv. Fax (909) 356-9337
Corporate Fax (909) 356-2878

Certificate of Recycling or Disposal

ISSUED TO: Grove Valve & Regulator Co.

Broco Environmental has received, accepted and taken title to the waste identified on manifest number 95922840.

Broco Environmental has assumed all liability for the waste identified on this manifest.

Broco Environmental has recycled or beneficially reused these items where economically and technically feasible.

3/6/96

Date

David St

President



**ATTACHMENT 5 – Paint Booth Sludge
Disposal Documentation**

05922204
 IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550
 GENERATOR FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CA1D10161651648214		Manifest Document No. 212180H		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.			
3. Generator's Name and Mailing Address 6529 Hollis St. GROVE VALVE & REGULATOR CO. OAKLAND CA 94608						A. State Manifest Document Number 95922804					
4. Generator's Phone (510) 655-7700 ATTN: BILL TALLENT						B. State Generator's ID HAWK360143034					
5. Transporter 1 Company Name MIDWEST ENVIRONMENTAL						C. State Transporter's ID 615225					
6. US EPA ID Number 10H00001000539						D. Transporter's Phone (909) 350-0580					
7. Transporter 2 Company Name						E. State Transporter's ID					
8. US EPA ID Number						F. Transporter's Phone					
9. Designated Facility Name and Site Address Brock Environmental Inc. 260 N. AIDER AVE Rialto Ca. 92377						G. State Facility's ID CAT080022AB					
10. US EPA ID Number K1A018101211418						H. Facility's Phone (909) 350-0580					
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers		13. Total Quantity		14. Unit Wt/Vol	
						No. Type		Quantity		Wt/Vol	
a. HAZARDOUS WASTE LIQUID, NOS (FOOZ, FOOS) RQ 9 UN 3082 II (MEK, MECL2)						025 DM		110000		P	
b. HAZARDOUS WASTE SOLID, NOS (FOOZ, FOOS) RQ 9 NA 3077 II (OIL DRI, PAINT SOLIDS)						0103 DM		100800		P	
c. HAZARDOUS WASTE LIQUID, NOS (FOOZ, FOOS) RQ 9 UN 3082 II (SLUDGE, PAINT SOLIDS)						0105 DM		0210100		P	
d. NON RCRA HAZARDOUS WASTE, SOLID (Oily SOLID WASTE, CLAY ARGUMENT)						0102 DM		008100		P	
1. Additional Descriptions for Materials Listed Above						K. Handling Codes for Wastes Listed Above					
1A) ER6H31						H10					
1B) ER6H31						H10					
1C) ER6H31						H10					
15. Special Handling Instructions and Additional Information WEAR RESPIRATORS, GLOVES, TYVAC						24 HOUR EMERGENCY (800) 352-0580 CONTACT MARY WICKLVANE					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.											
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.											
Printed/Typed Name BILL TALLENT				Signature 				Month Day Year 02 17 96			
17. Transporter 1 Acknowledgement of Receipt of Materials				Printed/Typed Name DANIEL MURRAY				Signature 		Month Day Year 02 17 96	
18. Transporter 2 Acknowledgement of Receipt of Materials				Printed/Typed Name				Signature		Month Day Year	
19. Discrepancy Indication Space											
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.											
Printed/Typed Name JOSE RUIZ				Signature 				Month Day Year 02 20 96			

DO NOT WRITE BELOW THIS LINE.

Yellow: TSDF SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS.
 (Generators who submit hazardous waste for transport out-of-state, produce completed copy of this copy and send to DTSC within 30 days.)



Environmental
Incorporated

2824 North Locust Ave.
Rialto, California 92377
(909) 350-0580
Cust. Serv. Fax (909) 356-9337
Corporate Fax (909) 356-2878

Certificate of Recycling or Disposal

ISSUED TO: Grove Valve & Regulator Co.

Broco Environmental has received, accepted and taken title to the waste identified on manifest number 95922804.

Broco Environmental has assumed all liability for the waste identified on this manifest.

Broco Environmental has recycled or beneficially reused these items where economically and technically feasible.

3/6/96

Date

David ST

President

