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Description of contents

- (1) Box no. 2896
- (2) Folder title/number: (13)
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- (3) Date: Sept. 1946 - Dec. 1946

(4) Subject:

Classification	Type of record
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(5) Item description and comment:
Kinki

(6) Reproduction: Yes No

(7) Film no. Sheet no.

(Compiled by National Diet Library)

*4411 Drugs*HEADQUARTERS I CORPS
APO 301 (Kyoto, Honshu)

EHN/ln

004. Chemical

AG 441 - BA

13 Dec 46

SUBJECT: Report on Production of Liquid Chlorine

TO : Commanding General, Eighth Army, APO 343

1. Reference your radio, cite number IX 99436, dated 20 November 1946, which requested reports on production of liquid chlorine be submitted to reach your headquarters not later than 15 December 1946.

2. In compliance with instructions contained in above reference, liquid chlorine production reports for Tokai-Hokuriku Region and Kinki Region are submitted herewith as inclosures 1 and 2, respectively. Report covering Kyushu Region has not yet been received, but will be forwarded to your headquarters under separate cover immediately upon receipt.

FOR THE COMMANDING GENERAL:

2 Incls;
As indicated*0420574*

KYOTO MILITARY GOVERNMENT TEAM
APO 713 (Kyoto, Honshu)

4 Dec. 1946

SUBJECT: Production of Liquid Chlorine in Kyoto Prefecture

TO : Commanding General, Hq I Corps, APO 301 (Kyoto, Honshu)
Attn: Mil Govt, Res & Ind Section

In compliance with Eighth Army Radio Cite (DA 99436(MG-KN)) the following report is submitted

1. There are no plants or factories in Kyoto Prefecture producing or planning to produce Liquid Chlorine.
2. Liquid Chlorine now used in this Prefecture is being imported from Nagoya in Aichi Prefecture.

FOR THE COMMANDING OFFICER:

Enos L Commons Jr.

ENOS L COMMONS JR
Capt., Ord.
Res & Ind Officer

26833

Incl 2 (MG)

HEADQUARTERS
OSAKA MILITARY GOVERNMENT TEAM
APO 660

HHH/jt

2 December 1946

SUBJECT: Report of Liquid Chlorine

TO: Commanding General
I Corps, APO 301
ATTENTION: Mil Govt Sec

1. In accordance with telegram your headquarters 3 K 4 V K 73 the following information is submitted:

- a. Chlorine producer: Toa Koko K.K.
64, 1-chome Takami-cho, Konohana-ku, Osaka City, Osaka
- (1) Amount of chlorine expected to be produced by plant during Nov, Dec, Jan, Feb & March: None
 - (2) The monthly capacity of plant: 24 tons
 - (3) The factors affecting production other than reparations requirements: Shut down as a result of air-raid damage.
 - (4) Steps being taken to increase production in order to produce at maximum capacity: Rebuilding.
 - (5) (a) Date plant will resume operation if it is currently shut down: October 1947.
(b) Amount of chlorine expected to be produced during the first month of operation: 5 tons
- b. Chlorine producer: Yamatogawa Senko K.K.
Oriono-cho, Sakai City, Osaka
- (1) None
 - (2) 30 tons
 - (3) Shut down as a result of air-raid damage.

Ltr, Hq Osaka Mil Govt Team, APO 660, dtd 2 December 1946, subj: "Report of Liquid Chlorine"

(4) Rebuilding

(5) (a) June 1947

(b) 10 tons

c. Chlorine Producer: Mitsubishi Kasei K.K.
5-95, Ebis Shin-machi, Fukushima-ku, Osaka City
(Reparations Plant Code No. 32-132)

(1) Nov: 15 tons; Dec to Mar: unknown.
(Depending on salt supply)

(2) 90 tons

(3) Lack of salt

FOR THE COMMANDING OFFICER:

EDWARD B. MILLETT
Major, F.A.
Adjutant

HEADQUARTERS
WAKAYAMA MILITARY GOVERNMENT TEAM
APO 660
WAKAYAMA, HONSHU, JAPAN

LWJ/kt

4 December 1946

SUBJECT: Plants Capable Of Producing Chlorine

TO : Commanding General, I Corps
APO 301

1. Reference is made to Eighth Army radio D x 9943 MG-BN.
2. Only one plant in Wakayama Prefecture is capable of producing liquid chlorine and the information as requested above is quoted below:
 - a. Nankai Chemical Ind. Co. Ltd (Wakayama Plant), 417 Kosaika, Wakayama City, Wakayama Prefecture.
 - b. Plant at present time is closed but undergoing construction, expected to begin production about 1 February 1947.
 - c. Major repairs to pipes and flooring are required and capacity is expected to be limited because of shortage of electricity, coal and raw materials.
 - d. Pre-war monthly capacity was 78 tons of chlorine with a maximum of a possible 186 tons.
 - e. Production for February and succeeding months expected as follows:

Chlorine	27 tons
Caustic Soda	31 tons
Chloric Sulphuric Acid	30 tons
Bleaching Powder	45 tons

3. Plant has not been in production for over a year and the pipes and machinery need overhauling.

FOR THE COMMANDING OFFICER:

BILL N. McFARLAND
1st Lt., GIC
Adjutant

HYOGO MILITARY GOVERNMENT TEAM
APO 317

ABH/d1

C-1

7 December 1946

SUBJECT: Report on Chlorine, Soda Ash, and Caustic Soda Producers.

TO : Commanding Officer
Kinki Military Government Region
APO 301

1. In compliance with 8th Army Radio, Cite (DX 99436) (MGDEN) the following report on liquid chlorine, soda ash, and caustic soda is submitted:

a. No liquid chlorine is expected to be produced in Hyogo-ken during November and December 1946 or January, February and March 1947.

b. The monthly maximum capacity of three plants located in Hyogo-ken capable of producing liquid chlorine are as follows:

	<u>Metric Tons</u>
(1) Osaka Soda K. K. Amagasaki Works	75
(2) Kanegafuchi Kogyo K. K. Takasago Works	60
(3) Yura Kagaku K. K. Amagasaki Works	Unknown

c. Factors affecting production other than reparations:

- (1) Osaka Soda K. K. - Equipment damaged by recent flood and requires major repairs.
- (2) Kanegafuchi Kogyo K. K. - Compressor for liquid chlorine out of commission and requires replacement.
- (3) Yura Kagaku K. K. - Plant is under water due to flood and requires draining and major overhaul of all equipment.

TO: CO, Kinki Mil Govt Region, APO 301, Subj: "Report on Chlorine, Soda Ash, and Caustic Soda Producers," dated 7 Dec 46 - contd.

d. Steps taken to increase or resume production in order to produce at maximum capacity:

- (1) Osaka Soda K. K. - Building dikes to prevent future flood damage. Repairing flood damaged machinery.
- (2) Kanegafuchi Kogyo K. K. - Negotiating to transfer compressor from Kanegafuchi, Hyogo Works, or borrow compressor from Mitsubishi Jukogyo K. K., Kobe Shipyard. Have placed order with Osaka Kikai K.K. for compressor pump. Experiencing difficulty in obtaining equipment as they are a restricted concern and unable to make financial transactions. Plants owning necessary equipment are also restricted and cannot sell capital equipment.
- (3) Yura Kagaku K. K. - Plant is under water from flood and has no immediate prospects of rebuilding as no funds are available for construction of dikes and draining operations.

e. Date plant will resume operation if currently shut down and amount of chlorine expected to be produced during first month of operation:

- (1) Osaka Soda K. K.
 - (a) December, 1947
 - (b) 20 metric tons
- (2) Kanegafuchi Kogyo K. K.
 - (a) April, 1947
 - (b) 15 metric tons
- (3) Yura Kagaku K. K.
 - (a) Sometime in 1948
 - (b) Unknown

TO: CO, Kinki Mil Govt Region, APO 301, Subj: "Report on Chlorine, Soda Ash, and Caustic Soda Producers," dated 7 Dec 46 - contd.

2. A total of twenty-three (23) chemical plants were investigated to determine the possibility of conversion of some equipment to chlorine production. No plants other than the three (3) reported in paragraph 1 above were found suitable to produce liquid chlorine, soda ash, or caustic soda. A table showing estimated future production of these three (3) chemicals is attached as Annex I.

FOR THE COMMANDING OFFICER:

LOUIS C. HUTTON
Major Cav
Executive Officer

1 Incl:
Annex I

* Diafram method
 ** Mercury "

ANNEX I

Table Showing Plants Manufacturing Liquid Chlorine, Caustic Soda, Hydrochlorine Acid, Etc., in Hyogo Pref.

<u>Name of Company & Works</u>	<u>Location</u>	<u>Products</u>	<u>Potential Monthly Capacity</u>		<u>Present Monthly Capacity</u>	
			(in metric ton)		DM	MM
			*DM	**MM	DM	MM
Osaka Soda K.K. Amagasaki Works	11 Otakasu-cho Amagasaki City	Caustic Soda	-	510	-	-
		Hydrochlorine Acid	1200		-	
		Bleaching Powder	540		-	
		Liquid Chlorine	150		-	
			DM	MM	DM	MM
			Calculated as solid	Calculated as solid	Calculated as solid	Calculated as solid
Kanegafuchi Kogyo K.K. Takasago Wks.	1157 Miyamae Takasago-cho Kako-gun	Caustic Soda (liquid)	120	140		70
		Hydrochlorine Acid		310		120
		Bleaching Powder (liquid)				Calculated as powder 120
		Liquid Chlorine		120		-
			DM	MM		
Yura Kagaku Kogyo K.K.	92 Nishitakasu cho, Amagasaki City.	Caustic Soda	240			-
		Hydrochlorine		300		-
		Bleaching Powder		430		-
		Liquid Chlorine		-		-

HEADQUARTERS
TOKAI-HOKURIKU MIL GOVT REGION
APO 710 (Nagoya, Honshu)

6 December 1946

SUBJECT: Report of Chlorine Production in Tokai Hokuriku
Region.

TO : Commanding General, I Corps, APO 301
(ATTN: Mil Govt, Res, Comm & Ind Officer)

In compliance with telegram DX 99436, CG, I Corps,
APO 301, the attached report of liquid chlorine production
in Tokai Hokuriku Region is hereby submitted.

FOR THE COMMANDING OFFICER:

FRANK M. WILKINS
Maj Adjutant FA

1 Incl:
Report, Production of
Liquid Chlorine.

Incl 1 (MG)

PRODUCTION

PREFECTURE	AM'NT TO BE PR'DCED BY EACH PLANT					MONTHLY CAPACITY EA PLANT	FACTORS OTHER THAN REPAIR AFFECTING PRODUCTION
	NOV	DEC	JAN	FEB	MAR		
MIE	None					None	
ISHIKAWA	None					None	
TOYAMA	Nippon Soda Co., Takaoka Plant						
	None					60 Metric Tons	Lack of cylinders, shortage of common salt
	Toa Gosei Kagaku Kogyo						
	Dec	Jan	Feb				
	10,000	30,000	28,000	30,000 Kg		100,000 Kg metric tons	Lack of salt and electric power cylinders needed slaked lime needed
SHIZUOKA	None					None	
AICHI	Toa Gosei Chem Co.						
	(Nov)						
	100T	None	Unknown			150 Metric Tons	No raw materials
GIFU	None					None	

PREFECTURE	STEPS TO INCREASE OR RESUME PRODUCTION OR MAXIMUM CAPACITY	DATE RESUME PRODUCTION	CAPACITY 1ST MONTH	CHLORINE PRODUCTION CAPACITY OF PLANT SUBJECT TO REPARATIONS
MIE	Major reconversion necessary to produce.			None
ISHIKAWA	Extreme reconversion necessary to produce			None
TOYAMA	(1) Electrolytic cells must be repaired. (2) 400 Tons salt needed per month. (3) 1 Ton liquid ammonia required for refrigerating machine of liquid chlorine plant. (4) Bao cylinders need repair, and others needed.	One month after receiving order to produce.	60 Metric Tons	None
"	(1) Repair of cooling equipment. (2) Repair of old machinery (3) Cylinders needed.	Earliest date 20 Dec if materials are allotted	30 Metric Tons	
SHIZUOKA	Major reconversion necessary to produce			None
AICHI	Attempts are being made to obtain the necessary raw materials.	Unknown, depending upon receipt of materials	100 Metric Tons	None
GIFU	Major reconversion necessary			None

HEADQUARTERS
TOKAI-HOKURIKU MIL GOVT REGION
APO 710 (Nagoya, Honshu)

6 December 1946

SUBJECT: Report of Chlorine Production in Tokai Hokuuriku Region.

TO : Commanding General, I Corps, APO 301
(ATTN: Mil Govt, Res, Comm & Ind Officer)

In compliance with telegram DX 99436, CG, I Corps, APO 301, the attached report of liquid chlorine production in Tokai Hokuuriku Region is hereby submitted.

FOR THE COMMANDING OFFICER:

FRANK M. WILKINS
Maj FA
Adjutant

1 Incl:
Report, Production of
Liquid Chlorine.

PRODUCTION

PREFECTURE	AM'NT TO BE PR'DCED BY EACH PLANT					MONTHLY CAPACITY EA PLANT	FACTORS OTHER THAN REPAR AFFECTING PRODUCTION
	NOV	DEC	JAN	FEB	MAR		
MIE	None					None	
ISHIKAWA	None					None	
TOYAMA	Nippon Soda Co., Takaoka Plant					60 Metric Tons	Lack of cylinders, shortage of common salt
	None						
	Toa Gosei Kagaku Kogyo					100,000 Kg ^{tr} ic Tons	Lack of salt and electric power cylinders needed slaked lime needed
	Dec	Jan	Feb				
	10,000	30,000	28,000	30,000 Kg			
SHIZUOKA	None					None	
MICH	Toa Gosei Chem Co.					150 Metric Tons	No raw materials
	(Nov)						
	100T	None	Unknown				
GIFU	None					None	

PREFECTURE	STEPS TO INCREASE OR RESUME PRODUCTION OR MAXIMUM CAPACITY	DATE RESUME PRODUCTION	CAPACITY 1ST MONTH	CHLORINE PRODUCTION CAPACITY OF PLANT SUBJECT TO REPARATIONS
MIE	Major reconversion necessary to produce.			None
ISHIKAWA	Extreme reconversion necessary to produce			None
TOYAMA	<ul style="list-style-type: none"> (1) Electrolytic cells must be repaired. (2) 400 Tons salt needed per month. (3) 1 Ton liquid ammonia required for refrigerating machine of liquid chlorine plant. (4) Gas cylinders need repair, and others needed. 	One month after receiving order to produce.	60 Metric Tons	None
"	<ul style="list-style-type: none"> (1) Repair of cooling equipment. (2) Repair of old machinery (3) Cylinders needed. 	Earliest date 20 Dec if materials are allotted	30 Metric Tons	
SHIZUOKA	Major reconversion necessary to produce			None
AICHI	Attempts are being made to obtain the necessary raw materials.	Unknown, depending upon receipt of materials	100 Metric Tons	None
GIFU	Major reconversion necessary			None

PRODUCTION

PREFECTURE	AM'NT TO BE PR'DCED BY EACH PLANT					MONTHLY CAPACITY EA PLANT	FACTORS OTHER THAN REPAIR AFFECTING PRODUCTION
	NOV	DEC	JAN	FEB	MAR		
MIE	None					None	
ISHIKAWA	None					None	
TOYAMA	Nippon Soda Co., Takeoka Plant					60 Metric Tons	Lack of cylinders, shortage of common salt
	None						
	Toa Gosei Kagaku Kogyo					100,000 Kgtric Tons	Lack of salt and electric power cylinders needed slaked lime needed
	Dec	Jan	Feb				
	10,000	30,000	28,000	30,000 Kg			
SHIZUOKA	None					None	
AICHI	Toa Gosei Chem Co.					150 Metric Tons	No raw materials
	(Nov)						
	100T	None	Unknown				
GIFU	None					None	

~~0011~~
440HEADQUARTERS
SHIGA MILITARY GOVERNMENT TEAM
APO 25 (Otsu Honshu)

HLR/hn

319.1-OA

3 December 1946

SUBJECT: Report on Liquid Chlorine Plants in Shiga Prefecture.
TO : Commanding General, I Corps, APO 301.
THROUGH: Commanding Officer, Kinki Military Government Region,
APO 301, (Attention: Resources and Industry Officer)

1. Reference : Radio, Commanding General, Headquarters I Corps, BA 201430 I (cite : D X 99436) subject, Liquid Chlorine Plants.
2. This is to report that there are no plants in Shiga Prefecture capable of producing Liquid Chlorine.

FOR THE COMMANDING OFFICER:

Max W. Medley
MAX W. MEDLEY
CAPTAIN INF
ADJUTANT

26436

HEADQUARTERS
OSAKA MILITARY GOVERNMENT TEAM
APO 660

HHH/y1

18 December 1946

SUBJECT: Report on Liquid Chlorine

TO: Commanding General
I Corps, APO 301
ATTENTION: Mil Govt Sec

1. Reference is made to letter this headquarters, dtd 2 December 1946; subject: "Report of Liquid Chlorine".

2. Par 1c, of above communication, stated that Mitsubishi Kasei K.K. is capable of producing 90 tons of liquid chlorine per month. Inspection of the plant and equipment by this headquarters reveals this statement to be greatly exaggerated. Highest monthly production to date has been 10 tons of chlorine a month. This is the maximum that can be produced under existing conditions of electric power supply. Under ideal conditions, the maximum capacity is 15 tons per month.

3. It is to be noted that the equipment which produces chlorine by electrolysis in this plant is quite inefficient. The yield from 60 tons of salt, a critical item, is only 3 to 3½ tons of chlorine.

4. Forwarded for your information and consideration.

FOR THE COMMANDING OFFICER:

/s/ Edward B. Millett
/t/ EDWARD B. MILLETT
Major, F.A.
Adjutant

BASIS: Ltr, Osaka Mil Govt Team, subj: "Report on Liquid Chlorine",
dtd 18 Dec 46.

AG 441 - BA

1st Ind

ENR/cdv

MIC

Hq I Corps, APO 301,

24 DEC 1946

TO: CG, Eighth Army, APO 343

1. Reference: letter, Headquarters I Corps, AG 441-BA, subject:
"Report on Production of Liquid Chlorine", dated 13 December 1946.

2. Forwarded herewith is an amendment of report on production of
liquid chlorine in Osaka Prefecture.

FOR THE COMMANDING GENERAL:

1928652

775013

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FUKUI MILITARY GOVERNMENT TEAM
A PO 713 (Fukui, Honshu)

CJM/ma

26 November 1946

SUBJECT: Production of Liquid Chlorine


TO : Commanding General, I Corps, APO 301

ATTN : Military Government Section

1. Reference radio DX 99436, Commanding General, I Corps, concerning the production of liquid chlorine.

2. There are no plants, including those subject to reparations, producing liquid chlorine in this prefecture.

FOR THE COMMANDING OFFICER:


H. E. BIELEFELD, JR.
Capt. FA
Adjutant

25674

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NARA MILITARY GOVERNMENT TEAM
APO 25

25 November 1946

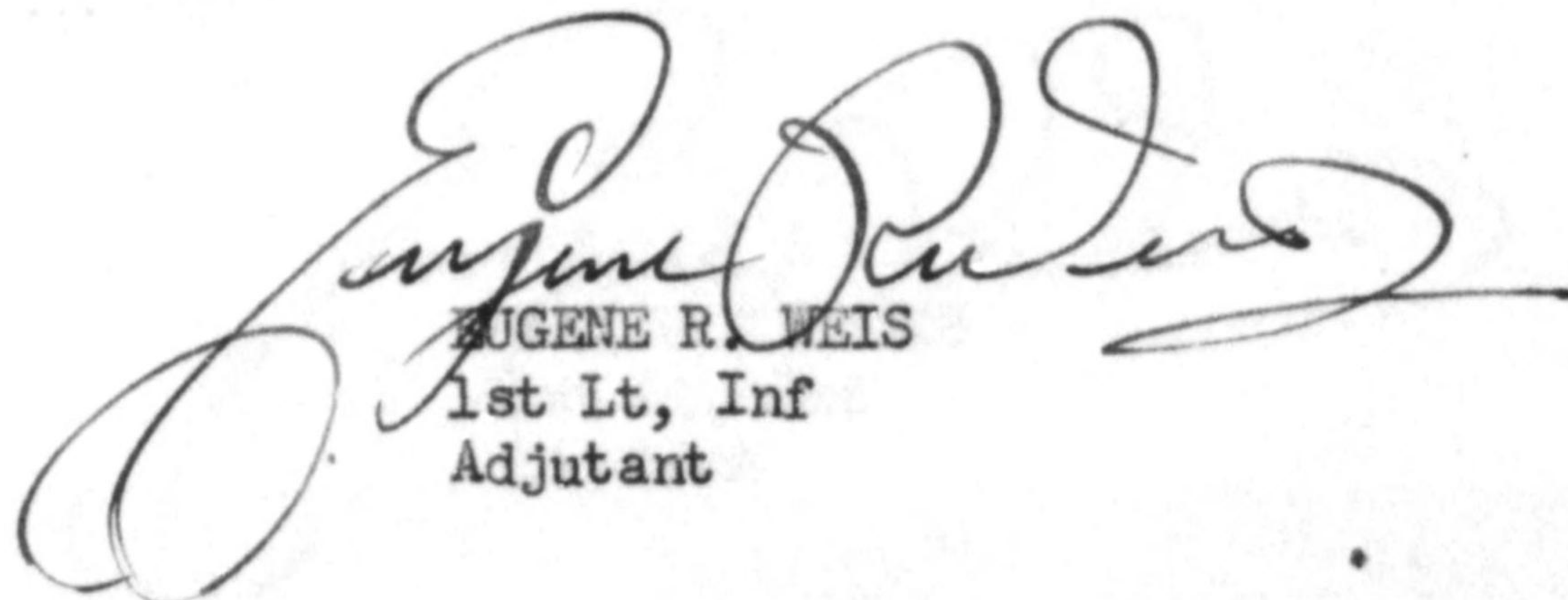
SUBJECT: Liquid Chlorine Production

THRU : Commanding Officer, Kinki Mil Govt Region, APO 301

TO : Commanding General, I Corps, APO 301

Reference, radiogram, Cite MFK-211, Headquarters I Corps, dated 22 Nov 46, subject as above, a negative report is submitted for Nara Prefecture.

FOR THE COMMANDING OFFICER:



EUGENE R. WEIS
1st Lt, Inf
Adjutant

25284

004 M. Sel.

HEADQUARTERS
OSAKA MILITARY GOVERNMENT TEAM
APO 660

SAB/ft

26 September 1946

SUBJECT: Return of Empty Chlorine Cylinders to
Soda Control Company (Soda Haikyu Kaisha)

TO: Commanding General, I Corps
(ATTN: Engineer)

1. A representative of the Soda Control Co. (Soda Haikyu Kaisha) in Osaka recently called at this office to invite attention to the fact that units in the I Corps area were failing to return used chlorine cylinders to the company.

2. Specifically, the following units, numbers of cylinders and dates borrowed were reported:

a.	10 cylinders,	I Corps Engineers,	11 Dec. '45
b.	8 cylinders,	323rd Engineers,	4 Feb '46
c.	1 cylinder,	361st Engineers, (Osaka Castle)	23 Mar. '46

3. These cylinders being scanty in number and vital to distribution of chlorine, it is desired that the matter be brought to the attention of all units concerned.

FOR THE COMMANDING OFFICER:

/s/ P. Burdick
/t/ P. BURDICK
Capt, AUS
Adjutant

BASIC: Ltr, Hq Osaka Mil Govt Tm, Subj: "Return of Empty Chlorine
Cylinders to Soda Control Company (Soda Haikyū Kaisha)",
dtd 26 Sept 46

AG 400.12 - H

1st Ind

Headquarters I Corps, APO 301, 9 October 1946

TO: Commanding Officer, Osaka Military Government Team, APO 660

THRU: Commanding Officer, Kinki Military Government Region, APO 301

1. I Corps Engineer Dump has on hand thirty-seven (37) Japanese Chlorine Cylinder, all full. These can be returned from time to time as chlorine is used and cylinders returned to Dump by using units. Instructions will be issued to using units to insure return of cylinders.

2. 323d Engineer Bn, Divisional unit of 98th Div, inactivated in February 1946. Location of eight (8) chlorine cylinders issued to them is unknown.

3. 361st Engineer SS Regt inactivated in April 1946. Location of one (1) chlorine issued to them is unknown.

BY COMMAND OF MAJOR GENERAL WOODRUFF:

457
400.12

2nd Ind

JFP/mth

Hq Kinki Mil Govt Region, APO 301, 18 OCT 1946

TO: CO, Osaka Mil Govt Team, APO 660

Attention is invited to 1st indorsement.

BY ORDER OF COLONEL PARTRIDGE:

WILLIAM H. GIETNER
Capt, CAC
Adjutant