DECLASSIFIED E.O. 12065 SECTION 3-402/NNDS NO. [redacted]

GHQ/SCAP Records (RG 331, National Archives and Records Service)

Description of contents

(1) Box no. 3012

(2) Folder title/number: (4)
Sanyo Pulp K. Iwakuni Kojyo

(3) Date: Nov. 1947 - Aug. 1950

(4) Subject:

Classification	Type of record
9621	a, c, e

(5) Item description and comment:

Iwakuni

(6) Reproduction: (Yes) No

(7) Film no. Sheet no.

(Compiled by *National Diet Library*)

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDS NO. [illegible]

SANYO PULP Co, LTD.
3RD FLOOR.
OKANA-TANAKA. BUILDING
1.CHOME, MARUNOUCHI
CHIYODA-KU
TOKYO

MARUNOUCHI 3245-8.

MILL:

INAKUNI MILL
2800 MURONOKI
INAKUNI-SHI
YAMAGUCHI-KEN

TEL. INAKUNI 510

DECLASSIFIED E.O. 12065 SECTION 3 402/NNBS NO:

EXECUTIVES.

CHAIRMAN OF THE BOARD OF DIRECTOR.

TETSUO OKAWA.

PRESIDENT.

TSUNEKAZU NAMBA.

MANAGING DIRECTORS.

YASUKUNI YASUBA. (PRINCIPAL BUSINESS).

CHIKAYUKI INOUE. (REGULAR BUSINESS).
GENERAL MANAGER IWAKUNI MILL.

DIRECTORS.

KAZUMI HIGAKI. (MANAGER GENERAL AFFAIRS)
HEAD OFFICE.

HIDEO MAEDA. (BUSINESS MANAGER)
HEAD OFFICE.

KIYOSHI NAKAMURA. (ASST GENERAL MANAGER)
IWAKUNI MILL.

AUDITORS.

KEN I KITA.

CHOKICHIRO SAKUMA.

ASAHIKO KARASHIMA.

HEAD OFFICE :-
SANYO PULP Co, LTD.
OKAWA-TANAKA BUILDING.
1 CHOME, MARUNOUCHI,
CHIYODA-KU,
TOKYO.
TEL. MARUNOUCHI, 3245-8.

MILL :-
IWAKUNI MILL.
2800 MURONOKI.
IWAKUNI-SHI.
YAMAGUCHI-KEN.
TEL: IWAKUNI. 510.

BRANCH OFFICE :.
SANYO PULP Co, LTD
3RD FLOOR SHINBASHI BUILDING, ~~EAST~~
SUEYOSHI-BASHI ROAD
MINAMI-KU
OSAKA.

DECLASSIFIED E.O. 12065 SECTION 3 402/NNDS NO. [redacted]

ESTABLISHED:- 18th, NOVEMBER 1946.

PAID UP CAPITAL:- ¥ 200,000,000. (TWO HUNDRED MILLION YEN)

(1). AREA:-	5742.008	Sq Metres
MILL AND RESIDENTIAL QTRS.	429,000.	" "
MILL GROUND.	99,000	
WATER GATHERING GROUND, ETC.	46.000	" "
(2). BUILDING SITE	549.414	" "
MILL SITE	344685	" "
RESIDENTIAL AND OTHERS	20,502	" "

PLANT.

LARGE DRUM BARKER.	1.	KAMYER TYPE (Continuous) (5m x 12m)
SMALL DRUM BARKERS.	6	HORIZONTAL TYPE (Continuous) 2m x 5m.
LARGE CHIPPERS.	2	1000 cubft per hr
SMALL CHIPPERS.	1	500 " " "
DIGESTERS.	4	VERTICAL TYPE. Capacity 200 Cum. Chip Capacity 3000 Cuft.
PULP MACHINES.	2	FOURDRINIER TYPE WIRE WIDTH 140" SPEED 30 m/min } each.
FOURDRINIER PAPER MACHINE.	1	FOURDRINIER TYPE WIRE WIDTH 84" SPEED 80 m/min
YANKEE PAPER MACHINE	1	YANKEE TYPE WIRE WIDTH 48" SPEED 35 m/min
BOILERS	6	TAKUMI TYPE STEAM BOILER.
ELECTRICAL INSTALLATIONS	3	CURTIS CHELLY TYPE TURBINE POWER OUTPUT 1000 KWH each.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDS NO.

HISTORY:

SANYO PULP & INDUSTRIAL Co, LTD. FOUNDED IN THE YEAR 1937, APRIL 28TH.

SANYO PULP & INDUSTRIAL Co, LTD MILL OPENED IN THE YEAR 1938, APRIL 14TH.

MILL BEGAN PRODUCTION WITH 20,000 TONS OF RAYON PULP PER YEAR IN THE YEAR 1939, AUGUST 1

INCREASED TO 40,000 TONS PER YEAR IN THE YEAR 1940 JAN 30

MILL CLOSED ON 30TH, DECEMBER 1943.

1ST, MARCH 1944:

SANYO PULP & INDUSTRIAL Co, LTD. MILL WAS HANDED OVER TO INDUSTRIAL FACILITIES CORP, FROM THEM THE MIYOSHI CHEMICAL Co, LTD. TOOK LOAN OF THE MILL SIT. AND BEGAN CONSTRUCTING THE SUPERIOR QUALITY LUBRICANT OIL PRODUCTION MILL.
ON 14TH, AUGUST 1945. MILL WAS BOMBED AND CLOSED

IN 31ST, OCTOBER 1945 THE MIYOSHI CHEMICAL Co, LTD. DISMISSED THEIR EMPLOYEES.

18TH, NOVEMBER 1946. SANYO PULP Co, LTD. ESTABLISHED

30TH, OCTOBER 1947. BEGAN PRODUCTION WITH 20,000 TONS OF UNBLEACHED PULP PER YEAR.

12TH, MAY 1948. BEGAN PRODUCTION OF 20,000 TON OF RAYON PULP PER YEAR.

31ST, OCTOBER 1948. INSTALLED 48" YANKEE PAPER MACHINE.

11TH, SEPTEMBER 1949. INSTALLED 84" FOURDRINIER PAPER MACHINE.

4TH, DECEMBER 1949. INCREASED PULP MACHINARIES

EMPLOYEES:

	MALE.	FEMALE.
OFFICE STAFF AND LABOURERS	850	90
TEMPORARY LABOURERS	280	90
TOTAL	1130	180
GRAND TOTAL	1310	

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V

PRODUCTION CAPACITY.

PULP	RAYON PULP	40,000 TON PER YEAR.
	PAPER PULP	
	FOREIGN	3,600 TON PER YEAR.
	JAPANESE	600 " " "
BY PRODUCTION	KNOT PULP	4,500 TONS PER YEAR
(TRADE NAME)	SAN-SUL-X	10,000 " " "

MATERIALS FOR PRODUCTION:

TO PRODUCE 1670 TONS OF PAPER PULP AND 1670 TONS OF RAYON PULP PER MONTH THE UNDERMENTIONED MATERIALS AND QUANTITY ARE USED.

MATERIAL.	QUANTITY.	TRANSPORTED FROM
WOOD.	630,000 cubft	CHUGOKU, KYUSHU, SHIKOKU.
SULPHUR.	420 TONS	NAGANO GUMMA YAMAGATA, HOMORI.
LIME STONE.	620 "	KABAKARI ISLAND OF HIROSHIMA-KEN.
CHLORINE.	50 "	KOKURA, FUKUOKA-KEN
CAUSTIC SODA.	100 "	" " "
BLEACHING POWDER.	50 "	" " "
COAL.	3600 " (Ex-self generating plant)	KYUSHU, UBE.
ELECTRICITY	2,600,000 KWH.	

FOR SELF-GENERATING ELECTRIC PLANT OF 700,000, KWH
560 TONS OF COAL ARE USED (6,000 CAL)

DECLASSIFIED E.O. 12065 SECTION 3 102/MNSC NO.

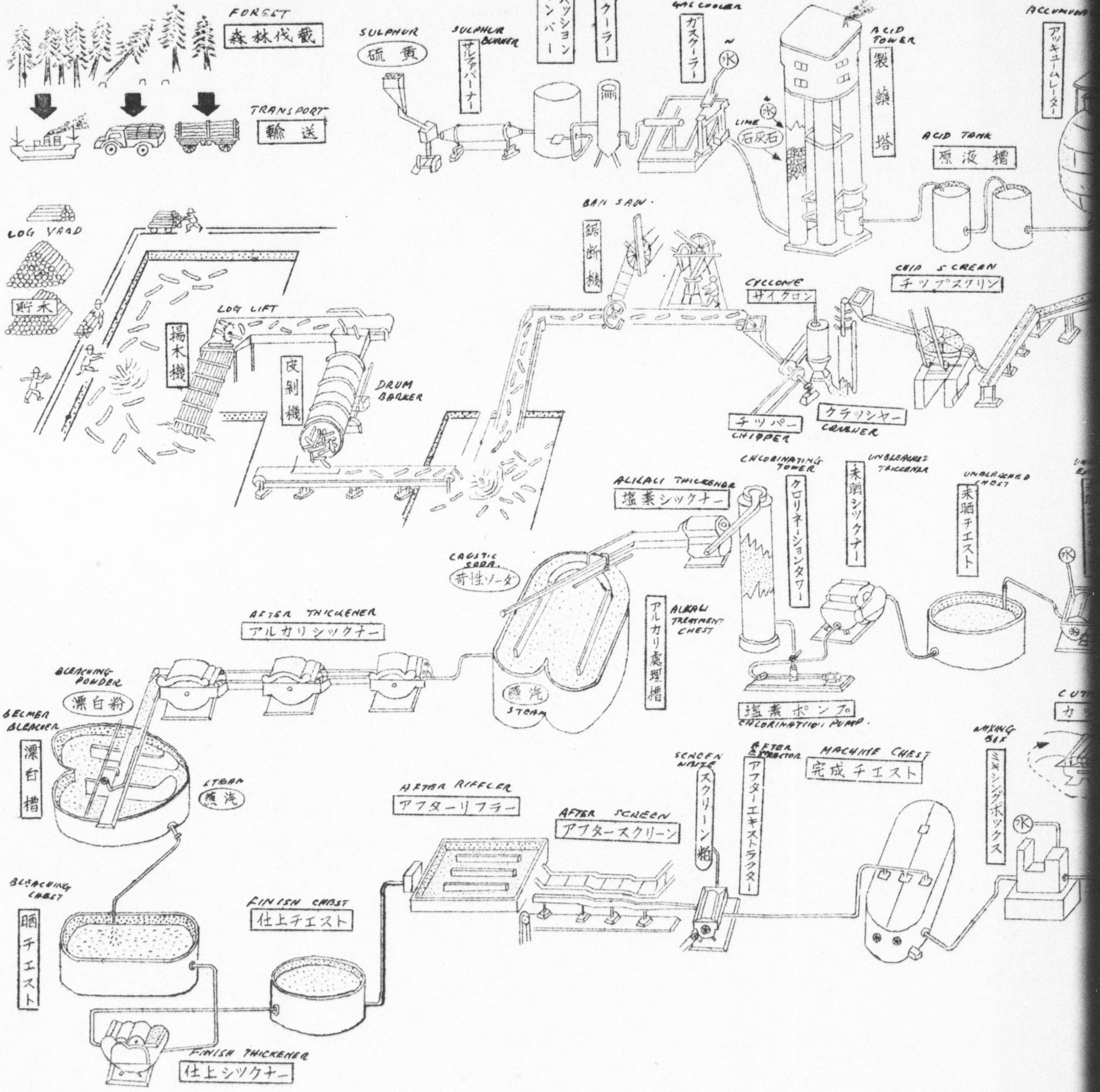
TO PRODUCE ONE TON OF RAYON PULP THE FOLLOWING MATERIAL AND QUANTITY IS USED.

MATERIAL.	QUANTITY:
WOOD.	190 cub ft
SULPHUR	140 Kg
LIME STONE	200 "
CHLORINE	30 "
CAUSTIC SODA	60 "
BLEACHING POWDER	30 "

DECLASSIFIED E.O. 12065 SECTION 3 402/NARS NSC

RAYON PULP PRODUCTION DIAGRAM

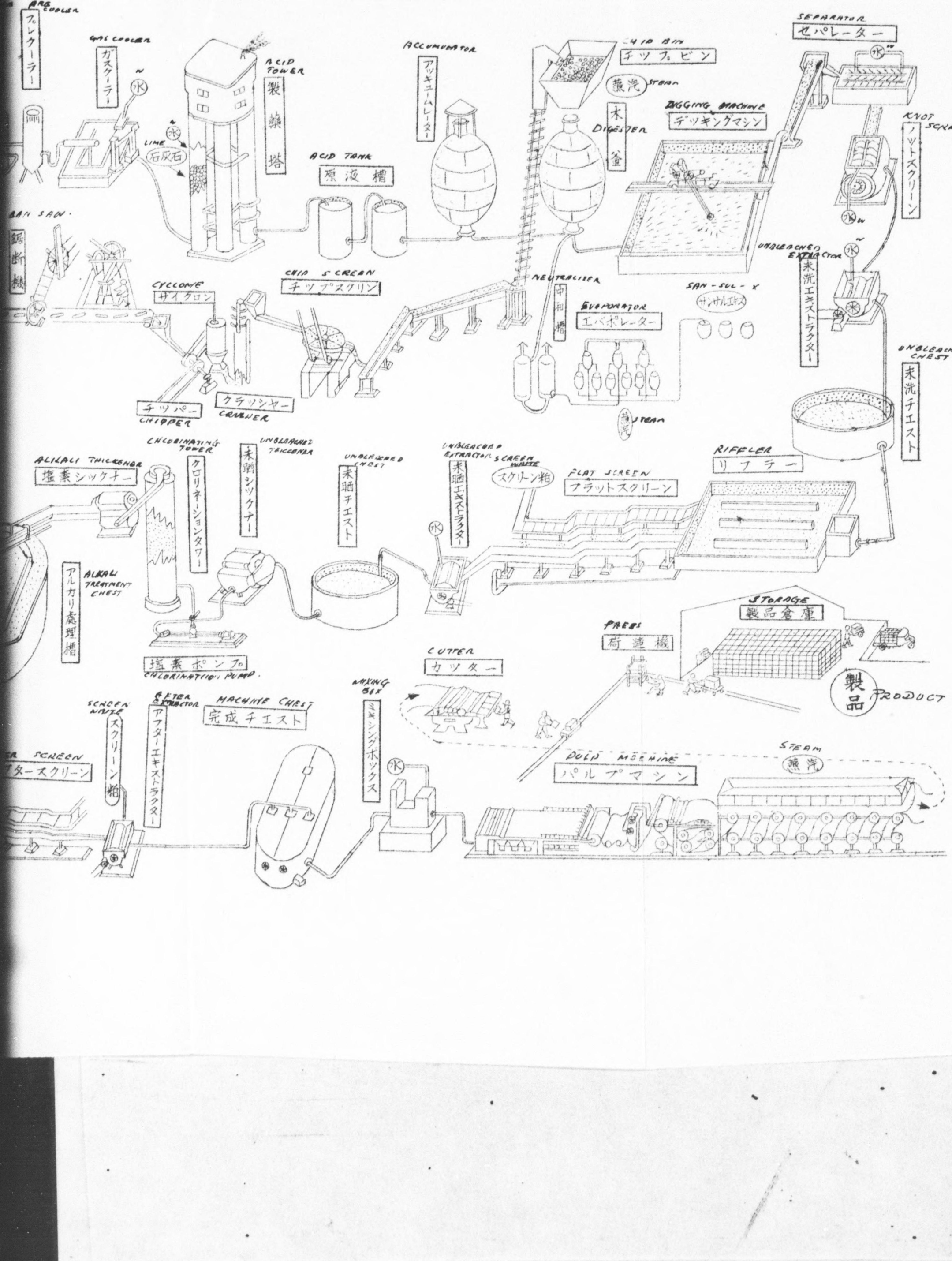
人絹パルプ製造工程圖



DECLASSIFIED E.O. 12065 SECTION 3 402/NNSG NO.

...N PULP PRODUCTION DIAGRAM

...絹パルプ製造工程圖



Rayon Pulp Production Process.
Sanyo Pulp Co. Ltd. Iwakuni Mill.

Wood. — Red Pine.

Slasher. — Cutting log in length 3 to 4 ft.

Barker. — Barking log

Band Saw. — Cutting down log to 2~3 ft.

Slitter. — Splitting log.

Chipper. — Chipping to small pieces. (6 cubic).

Crusher. — Crushing big chips to pieces.

Chip Screen. — Selecting to average chip.

Digester. — Cooking of wood chips to extract cellulose. Cooking hours 18.

Pulp Bin. — Washing and draining.

Separator. — Separating pulp lumps.

Knot Screen. — Screening of knots.

Extractor. — Extracting of water.

Storage Chest. — Storage.

Riffler. — Running water and stuff, sinks sand and other heavy particles.

Flat Screen. — With vibration vacuum is formed and through this, cellulose is filtered.

Unbleached Extractor. — Extracting water.

Unbleached Chest. — Storage.

Unbleached Thickener. — Extracting water to thicken.

Chlorination Pump. — Chlorination of lignin in [illegible] to alkali solubility.

Sulphur.

Sulpher Burner. — Burning of Sulphur.

Combustion Chamber. — Burning it through and making it into Sulphurous Acid Gas

Pre Cooler. — Washing impure material with water, and cooling gas.

Gas Cooler. — Speed cooling System.

Acid Toner. — Filling of lime Stone in Tower, sending Sulphite gas from beneath and dripping water from top, making Sulphurous gas and Calcium Bisulphite liquor.

Acid Tank. — Acid Storage.

DECLASSIFIED E.O. 12065 SECTION 3 NARA

PULP BIN.— WASHING AND DRAINING.

SEPARATOR.— SEPARATING PULP LUMPS.

KNOT SCREEN.— SCREENING OF KNOTS.

EXTRACTOR.— EXTRACTING OF WATER.

STORAGE CHEST.— STORAGE.

RIFFLER.— RUNNING WATER AND STUFF, SINKS SAND AND OTHER HEAVY PARTICLES.

FLAT SCREEN.— WITH VIBRATION VACUUM IS FORMED AND THROUGH THIS, CELLULOSE IS FILTERED.

UNBLEACHED EXTRACTOR.— EXTRACTING WATER.

UNBLEACHED CHEST.— STORAGE.

UNBLEACHED THICKENER.— EXTRACTING WATER TO THICKEN.

CHLORINATION PUMP.— CHLORINATION OF LIGNIN IN FIBRE TO ALKALI SOLUBILITY.

CHLORINATING TOWER. NO. 1.

CHLORINATED STUFF THICKENER.— CHLORINATED LIGNIN WATER SOLUBLE IS WASHED OFF. (PROCESS NO 1)

ALKALI TREATMENT CHEST.— WITH CAUSTIC SODA AND SOAP WASHING OFF ALKALI SOLUBLE CHLORINATED LIGNIN.

ALKALI THICKENER.— EXTRACTING WATER TO THICKEN.

CHLORINATION PUMP.
CHLORINATING TOWER.
CHLORINATED THICKENER.
ALKALI TREATMENT CHEST.

} REPEAT OF PROCESS NO 1. (PROCESS NO 2)

GAS.

GAS COOLER.— SPEED COOLING SYSTEM.

ACID TOWER.— FILLING OF LIME STONE IN TOWER, SENDING SULPHITE GAS FROM BENEATH AND DRIPPING WATER FROM TOP, MAKING SULPHUROUS GAS AN CALCIUM BISULPH LIQUOR.

ACID TANK.— ACID STORAGE.

(P.T.O.)

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ALKALI THICKENER. No. 1. — EXTRACTING WATER.

ALKALI THICKENER No. 2. — " "

CONTINUOUS POACHER. — TO LET THE STUFF FLOW SLOWLY FOR ONE HOUR TO MAKE IT WASH EASILY.

ALKALI THICKENER No 3. — EXTRACTING WATER

BELLMER BLEACHER. — WHITENING WITH BLEACHING POWDER.

BELLMER CHEST. — STORAGE.

FINISHING THICKENER. — EXTRACTING WATER.

FINISHING CHEST. — STORAGE.

AFTER RIFFLER. — FILTERING OF SAND AND DIRT.

AFTER SCREEN. — SCREENING OF DIRT.

AFTER CHEST. — STORAGE.

MACHINE CHEST. — STOCK STORAGE.

REGULATOR. — PULP STUFF DENSITY REGULATOR.

REGULATED DENSITY CHEST. — STORAGE OF REGULATE DENSITY.

MACHINE. — STUFF RUNS OVER PART. ONE. WIRE.
" TWO. PRESS.
" THREE DRYER
} MADE INTO SHEET DRIED CONTENT OF 6-7% MOISTURE.

CUTTER.

PACKING PRESS.

PRODUCTS.

CONTINUOUS POACHER.— TO LET THE STUFF FLOW SLOWLY FOR ONE HOUR TO MAKE IT WASH EASILY.

ALKALI THICKENER No3. — EXTRACTING WATER

BELLMER BLEACHER.— WHITENING WITH BLEACHING POWDER.

BELLMER CHEST. — STORAGE.

FINISHING THICKENER.— EXTRACTING WATER.

FINISHING CHEST.— STORAGE.

AFTER RIFFLER.— FILTERING OF SAND AND DIRT.

AFTER SCREEN.— SCREENING OF DIRT.

AFTER CHEST.— STORAGE.

MACHINE CHEST.— STOCK STORAGE.

REGULATOR.— PULP STUFF DENSITY REGULATOR.

REGULATED DENSITY CHEST.—STORAGE OF REGULATE DENSITY.

MACHINE.— STUFF RUNS OVER PART. ONE. WIRE.
" TWO. PRESS.
" THREE DRYER
} MADE INTO SHEET DRIED CONTENT OF 6-7% MOISTURE.

CUTTER.

PACKING PRESS.

PRODUCTS.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDB NO.

SANYO PULP CO., LTD.

INAKUNI MILL

IN

GENERAL

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. [illegible]

FIELD TRIP REPORT

R.G. STRADLEY

Iwakuni
14 August 1950

1. Purpose:

Inspection of Iwakuni Plant of Sanyo Pulp Company.

2. Background:

Surveillance in accordance with O.D. 11.

3. Discussion:

Conferees:

Mr. Nakamura, Asst manager.
Mr. Kubo, Asst manager and other staff.

The plant produces the pulp both for rayon and paper manufacturing with the monthly production of 3,000 tons of pulp per month, of which 350 tons are being used for the company's paper manufacturing plant, the monthly production of which is 320 tons of paper per month.

The plant sells its pulp to Shinko Rayon, Toyo Boseki, Teikoku Rayon companies or i.e. mostly to staple fiber manufacturing companies.

The company sells its pulp also to Jyujo and Hokushu paper manufacturing companies.

The principal naw material (red wood) comes from Yamaguchi, Okayama and Hiroshima Prefectures (60 - 70%) and from Shikoku and Kyushu (30 - 40%).

There are a total of 900 regular employees, of which 500 stay in the dormitory. In addition to the above there are 300 casual laborers. The 900 workers have organized into an independent labor union which is affiliated with a national pulp workers federation. No labor trouble was in evidence. Average monthly pay base for the female workers is ¥ 5,000 - ¥ 6,000 and ¥ 10,000 for male workers.

The plant consumes approximately 2,500,000 KWH of power per month. One half of which is being generated by the company at the cost of ¥ 3 - ¥ 4 yen per KWH.

One half of the requirements are being pruchased at the standard rate or within allocation.

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4. Conclusions:

The plant is on the whole well organized and lay out is excellent.

Supply of electric power and sulphur constitute problems. If the war in Korea should continue for a long period of time, the procurement of chlorine, salt and bleaching powder will become a vital problem.

The plant expect to increase the number of digesters (200 m3) by 2 up to 6 which will enable the plant to increase the present production of 3,000 tons of pulp to 4,500 tons per month.

5. Recommendations:

It was recommended to the officers that mechanization of the log handling process be studied to same time and manpower. --- by means of the use of drop-side cart and semi-circle rail lines.

R. G. STRADLEY
Chief, Distribution and
Industry Division

D/RGS/fk

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. [redacted]

15. D.

SANYO PULP CO., INC.

1. Capital : ¥ 10,000,000 (Paid up)

2. Location

a. Head Office : 3rd floor of Okawa-Tanaka Building, 1 Chome, Marunouchi, Chiyoda-ku, Tokyo. (Tel. Marunouchi 3245-8)

b. Mill : No. 2800, Muronoki, Iwakuni, Yamaguchi-Ken. (Tel. Iwakuni 510)

3. Directors :

Chairman of the board of director ; Tetsuo Okawa.

President : Tsunekazu Hamba.

Managing Director : Yasukuni Yasuba.

Director : Chikayuki Inoue. (Manager of Iwakuni-Mill)
" : Kazumi Higaki.
" : Hideo Maeda.
" : Kiyoshi Nakamura.

Auditor : Kenji Kita.
" : Chokichiro Sakuma.

4. Date of Construction : 18th Nov. 1946.

5. Site : 5742,000 s.q.m.

6. Building Site : 503.448 s.q.m.

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7. Plan of Production : (per annum)

a. Production	:	Rayon Pulp.	15.000 tons.
		Paper Pulp.	5.000 tons.
		Paper	4.500 tons.
b. By-Production	:	Knot Pulp.	2.000 tons.
		San-Sul-Ex.	10.000 tons.

8. Raw material for production of Rayon Pulp. Ton 1.000:

Wood	:	22.000 Koku. (Chugoku, Shikoku, Kyushu districts)
Sulphur	:	160 Ton. (Nagano)
Lime stone		230 Ton. (Hiroshima)
Bleaching Powder	:	~~80~~ 20 Ton. (Sakaide)
Chlorine	:	~~160~~ 20 Ton (")
Coustic Soda	:	~~80~~ 25 Ton (")
Coal.	:	2.200 Ton. (Kyushu, Ube)
Electricity	:	900.000 k.w.h.

9. Employee : (Mill)

Staff	:	25
Labour	:	Male 699
		Female 79

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. [illegible]

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15D

Sanyo Pulp Co., Ltd.

1. Location:
   (A) Head office; 3 rd floor of Okawa-Tanaka buil., Marunouchi, Chiyoda-ku, Tokyo.
   (B) Mill; No. 2800 Muronoki, Iwakuni, Yamaguchi Prefecture.

2. Name of President: Tsunekazu Namba.

3. Name of Manager of Iwakuni-Mill: Yasukuni Yasuba.

4. Nature of Industry: Manufacturing of rayon pulp.

5. Capital: ¥ 10.000.000 (Paid-up)

6. Date of Openning Operation: 1st November 1947.

7. Producing Capacity:
   (A) Present Production; Pulp for paper 1.000 tons per month.
   (B) After ~~April~~ May of this year; Rayon pulp 1.000 tons per month.
   (C) After August of this year; Rayon pulp 1.500 tons per month.

8. Raw materials: Red pine woods are procured from various parts of Chugoku, Shikoku and Kyushu districts.

9. Electric Power: Supplied by Chugoku Haiden Co., Ltd.

10. Number of Employees: Staffs; male 108 female 1
    Labours; male 457 female 60

11. Site of Mill:
    (A) Land area 758.608 sq.m
    (B) Building area 50.520 " "

DECLASSIFIED E.O. 12065 SECTION 3-402/NNBS No: 110-81-10

15D

1 ADJ
2 SMGO
3 EXEC
4 PROC
5 PC
6 L
7 CI
8 PH
9 WELF
10 D CO
11 BCL
12 FILE
DEC 2 1947

PRESS--T R A N S L A T I O N

SUBJECT: Bocho News -- 9 November 1947
"The First Period Construction of Sanyo Pulp Completed."
(Trial Operation Successful)

TO : Captain Chadwick

In today's critical circumstances of paper, the Iwakuni City Muroki Sanyo Pulp Company which had been transformed from a war supply industry to the Iwakuni Company and has completed the first period of construction, and succeeded in trial operation. So on the 7th they had a completion ceremony with invitations of 60 including the director of the Paper Industry Bureau of the Commercial and Industrial Ministry, and TSUDA, Iwakuni Mayor, and the ceremony was closed after congratulatory speech by NANBA, president of Sanyo Pulp Company and YASUBA, factory manager, and the city mayor.

This company had started under the title of Sanyo Pulp Industrial Company, Limited, at the OJI clique in the past 14 years and had been producing superior quantity of artificial silk. But with the war, the company turned into a war supply industry under the title of Miyoshi Chemical Warfare Industry. After the termination of the war it separated from OJI and became a new company under the name of Sanyo Pulp Company, Limited. The construction has been propelled in spite of stringent economical circumstances and now 500 tons of paper is being produced every month from inexhaustible material of the Japanese red pines in the mountainous districts of Shikoku and Kyushu. The production is expected to be 1,000 tons a month next year, and to be 20,000 tons a year after that. Continously the second period of operation will be executed and also the pulp for artificial silk production is expected.

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15 Nov 47/ST/ -A

DECLASSIFIED E.O. 12065 SECTION 3 102/MDS 4.5

Mr. Francis T. Justice
Yamaguchi Military Government
Head-quarter Officer 1/c

Dear sir:
We have received your kind letter of congratul
encouraged us very much.
We express our thanks from the bottom of our he
shall exert ourselves to the utmost to develop
in our country.

Y. Ya

(Manager)
Iwakuni Mill, Sa

DECLASSIFIED E.O. 12065 SECTION 3 402/NNSC NO.

Government
1/c

14 November 1947

ind letter of congratulation which
h.
om the bottom of our heart and we
the utmost to develope the industry

Y. Yasuba

(Manager)
Iwakuni Mill, Sanyo Pulp Co., Ltd.

DECLASSIFIED E.O. 12065 SECTION 3 402/NNSS NO: [illegible]

L.C. 1 Section

1550 file

Yamaguchi Military Government Headquarter Officer I/C.

1st November 1947.

1 ADJ
2 SMGO
3 EXEC
4 PROC
5 RCI
6 LEG
7 CIE
8 PH
9 WELF
10 D CO
11 BCL
12 FILE
NOV 6 1947

On operation of the mill.

Iwakuni Mill, Sanyo Pulp Co., Ltd. Which was established on 18th November, 1946 has been reconstructed, and the equipment of this mill will be put into operation from the 1st November, 1947.

Details of the Company are appended below.

1. Name of mill:- Iwakuni Mill, Sanyo Pulp Co., Ltd.

2. Location of mill:- No. 2.800 Muronoki, Iwakuni-City, Yamaguchi-Prefecture.

3. Name and address of presidet:- Keiichi Namba
No. 2, Ichome, Marunouchi, Chiyoda-ku, Tokyo.

4. Nature of industry:- Manufacture of pulp.

5. Capital:- 10.000.000 yen(Paid-up).

6. Date of opening operation:- 1st November, 1947.

7. Producing Capacity:- Rayon pulp 2.000 tons per month.
(Present production:- un-bleached pulp for paper. 1.000 tons).

8. Raw materials:- Will be procured from Various sources in Chugoku, Shikoku and Kyushu districts.

9. Electric Power:- Will be Supplied by Chugoku Haiden Co., Ltd.

K. Yasuba

Director. Yasukuni Yasuba

Iwakuni Mill, Sanyo Pulp Co., Ltd.
No . 2.800, Muronoki, Iwakuni-City,
Yamaguchi-Prefecture.

DECLASSIFIED E.O. 12065 SECTION 3 402/NNSC NO.

昭和廿二年十一月一日

山口縣岩國市大字室木第二八〇〇番地
山陽バルブ株式會社岩國工場
工場長　安　場　保　國
常務取締役

山口軍政官殿

工場操業開始に就て

昭和廿一年十一月十八日設立されました山陽バルブ株式會社岩國工場は漸く建設完了昭和廿二年十一月一日より左記により操業を開始する事になりましたので今日に至る迄の絶大な御援助に對し御禮申上げると共に此處に其の旨御報告申上げます

記

一、工場名　山陽バルブ株式會社岩國工場
工場所在地　山口縣岩國市大字室木第二八〇〇番地
工場主住所氏名　東京都千代田區丸ノ内一丁目二番地

DECLASSIFIED E.O. 12065 SECTION 3 402/NNSC NO.

山陽ハルプ株式會社
取締役社長　難波經一

二、事業の種類　ハルプ製造業
三、資本金　壹千萬圓（全額拂込）
四、操業開始年月日　昭和廿二年十一月一日
五、月産製造能力　人絹ハルプ二千噸
差當り製紙用未晒ハルプ一千噸
六、原材料の原産地　主として中國、四國及九州
七、電力　買電に依る

以上

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO: 1[illegible]

FTJ/dn

RESOURCES COMMERCE & INDUSTRY SECTION
YAMAGUCHI MILITARY GOVERNMENT TEAM
APO 317

13 November 1947

MEMORANDUM:

TO: Sanyo Pulp Company Ltd,
Iwakuni Mill,
No. 2,800 Muronoki,
Iwakuni City,
Yamaguchi Prefecture

SUBJECT: Congratulations on the Establishment of a New Enterprise

1. At this time you are extended this note of congratulation in the occasion of the recent reconstruction and expansion of the Iwakuni Mill of the Sanyo Pulp Co. Ltd.

2. It is felt that such an enterprise will do much to increase the economic and industrial importance of Yamaguchi Prefecture, and will greatly help the people of the immediate area and the nation of Japan as a whole.

FRANCIS T. JUSTICE
Major, EC
RCT Officer

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDS NO: [illegible]

,01

New File
Sanyo Pulp Co.

SANYO PULP CO., LTD.

2800, MURONOKI, IWAKUNI-SHI, YAMAGUCHI-KEN.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. [illegible]

The General View Of Sanyo Pulp Co., Ltd.

1. Name: Sanyo Pulp Co., Ltd.

2. Capital: 10.000.000 Yen.
(Paid-up capital 5.000.000 Yen.)

3. Locatin:

(A) Head office: c/o Okawa-Tanaka Building, Marunouchi, Kojimachi-Ku, Tokyo.

(B) Factory: 2800 Muronoki, Iwakuni-Shi, Yamaguchi-Ken.

4. Main-shareholders:

The Union of Pulp and Paper Industry.
Tomoekawa Paper Mfg. Co., Ltd.
Dainihon Printing Co., Ltd.
Ataka Industrial Co., Ltd.
Kokoku Rayon Mfg Co., Ltd.

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5. Directors:

The head of the board of directors,	Tetsuo Okawa.
President,	Keiichi Namba.
Directors,	Asahiko Karashima. Shigenao Kanai. Gennojo Inoue. Yasukuni Yasuba.
Auditors,	Kenji Kita. Shokichi Kanda. Chokichiro Sakuma.

6. Date of foundation: 12 Nov. 1.946.

7. Date of permission for establishment by Depertment of Commerce and Industry: 21 May. 1946.

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8. The historical record
of Iwakuni Factory:

(A) April 1938, Sanyo Pulp Kogyo Co., Ltd was established and had continued manufacturing pulp for rayon 40.000 tons at maximum in a year.

(B) September 1943, Sanyo Pulp Kogyo Co.,Ltd was obliged to hand over their property to the Industrial Equipment Co-operation(Sangyo Setsubi Eidan), which was financed by our government. In those days, Miyoshi Chemical Co.,Ltd wanted to make lubricant oil in a large factory, but they could not find out any suitable factory and funds. So the Industrial Equipment Co-operation lent this factory of Sanyo Pulp Co., to Miyoshi Chemical Co., which had been engaged manufacturing lubricant oil till the time the war finished.

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(C) After the war, Miyoshi Chemical Co.,Ltd stopped their work and converted to manufacture soap at the corner of Iwakuni Factory and they bought Kudamatsu Ship-building Co., which has the head office and factory in Kudamatsu-Shi. They will finish their work in Iwakuni Factory at the end of 1.946, and now most part of tht their facilities were removed to Kudamatsu -Shi.

(D) September 1.945, all staffs and labours of Iwakuni Factory made a stand and have exerted to rebuild pulp factory. They want to utilize the foundation and renown of Sanyo Pulp Co.,

(E) 12 Nov, 1946, The new company was established legally and succeeded the name of "Sanyo Pulp". But ~~the~~ the main-stock-holders are entirely different from former Sanyo Pulp Kogyo Co.,
As regards the assets of the Industrial Equipment Co-operation, the official negotiations are pending among our government, The Industrial Equipment Co-operation and the new company at the present time.

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9. General description of machinery and equipment:
(The owner of which is mentioned in a bracket)

(A) Land Area.(The Industrial Equipment Co-operation)

Factory	255.486.	sq.m.
Residence	191.446.	" "
The other site	311.748.	" "
Total	758.680.	sq.m.

(B) Building Area.(The Industrial Equipment Co-operation)

The buildings in factory	32.353.	sq.m.
Residence and etc	18.167.	" "
Total	50.520.	sq.m.

(C) Principal equipment.

Pulp manufacturing equipment(The owner of which is mentioned in a bracket):

a. In the barking drum building:

1 slasher.(The Industrial Equipment Co-operation)

6 barker.(" ")

Two sets of log conveyer.(" ")

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b. In the wood building:

One set of log conveyer.(The Industrial Equipment Co-operation)

1. large chipper. (Oji paper mfg . Co., Ltd)
1. small chipper. (")
3.chip-screens. (")

One set of chip-conveyer.(The Industrial Equipment Co-operation)

c. In the acid tower:

One set of stone-elevator.(O. P. M. C.)
" gas piping.(I. E. C.)
" gas cooler.(")
2 gas fans.(")
sulphur crusher.(O. P. M. C.)
1 " bin.(I. E. C.)
1

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d. In digesting building:

Two sets of chip conveyer.	(	I.	E.	C.)
One set of chip elevator.	(	"		)
4 digesters.	(	"		)
2 accumulaters.	(	"		)
One set of steam-piping.	(	"		)

e. In the pulp bin building:

four sets of pulp bin.	(	I.	E.	C.)
" pulp conveyer.	(		"	)
1 decker.	(	O.	P. " M.	C.)
1 electric hoist.	(	I.	E.	C.)

f. In the screening and washing building:

2 pulp-separaters.	(	O.	P.	M.	C.)
1 knots-screen.	(		"		)
5 extracters.	(			"	)
25 flat- screens.	(			"	)
1 thickner.	(			"	)
one set of steam-piping.	(		"		)

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g. In the bleaching building:

5	thickners.	(	O.	P. M.	C.)
2	electric hoist.	(	I.	E.	C.)
Two sets of continuous pocher.		(	I.	E.	C.)
Six sets of bleacher.		(		"	)
One set of piping.		(		"	)

h. In the pulp machine building:

One set of pulp machine.		(	O.	P. M.	C.)
1	felt creaner.	(		"	)
2	pulp cutters.	(		"	)
One set of steam piping.		(	I.	E.	C.)
2	pumps for the use of packing.	(	O.	P. M.	C.)

i. In the evapolating exhaust liquid building:

One set of evapolating eqipment.		(	I.	E.	C.)
7	pumps for exhaust liquid.	(		"	)
One set of boiler.		(		"	)
2	fans.	(		"	)
One set of exhaust liquid piping.		(		"	)

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One set of steam piping. (I. E. C.)
Four sets of exhaust liquid tank. (")

j. In the building of boilers and generators:

One set of unloading machine. (I. E. C.)
Six sets of boiler (")
Six sets of fan. (")
One set of coal-elevator. (")
Two sets of coal-crusher. (")
One set of coal-conveyer. (")
Six sets of economizer. (")
3 turbines. (")
3 generators.(1.000. K.W.H.) (")
One set of steam piping. (")

k. At the gathering ground:

a water pond. (I. E. C.)
4 pumps for water supply (")
2 vacume pumps. (")
One set of piping water supply. (")

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1. In the room of building and repair:

4	lathes.	(	I.	E.	C.)
1	planer.	(		"	)
1	grinder.	(		"	)
1	dropping hammer.	(		"	)
4	sawing machines.	(		"	)
2	electric drills.	(		"	)
2	welding machines.	(		"	)

With regard to the facilities, belonged to Oji Paper Mfg, Co., we are going to get them by permission of G.H.Q.

(D) Principal transport:

3	locomotives.	(	I.	E.	C.)
11	trucks.	(	I.	E.	C.)

10. Number of employees: (19 Nov. 1946)

(a)	Staffs;	male	53	female	none
(b)	Labours;	"	286	"	34

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11. Future plan of products and by-products:

(A) Products:

Pulp for rayon	15.000 tons in a year.
Pulp for paper	5.000 tons in a year.

(B) By-products:

Wet pulp	2.000 tons in a year.
Lack	10.000 tons in a year.

12. Required raw material for production:

Wood	3.400.000	ft^3. (340.000 Koku)
Sulphur	2.400	ts.
Lime-stone	3.000	ts.
Chlorine	537.600	lb.
Bleaching powder	2.912.000	lb.
Caustic soda	1.120.000	lb.
Coal	20.000	ts.
Electric power	22.400.000	k.w.h.