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

Description of contents

(1) Box no. 3102

(2) Folder title/number: (34)
Nippon Kasei Chemical Industries Ltd., Kurosaki Factory (Synthetic Rubber) - Plant Accountability

(3) Date: Nov. 1950

(4) Subject:

Classification	Type of record
9230, 9621	k

(5) Item description and comment:

Fukuoka

(6) Reproduction: (Yes) No

(7) Film no. Sheet no.

(Compiled by *National Diet Library*)

Plant Accountability

Name of Plant Nipponkasei Chemical Industries Limited, Kurosaki Factory, Synthetic Rubber Plant

Code No. 07-50

Location 2447-1 Gotanshinkai, Fujita, Yahata-shi, Fukuoka-ken

Reporter Shukichi Shibata Date 25 November 1950

M.V.A. Process Synthetic Rubber Plant:

Inventory No.	Name of Equipment	Status
IA1-1	Gas generator	AU
IA1-1-1	Winch	AU,RCA
IA1-1-2	Carbide bin	AU,RCA
IA1-1-3	Crusher	AU,RCA
IA1-1-4	Motor	AU,RCA
IA1-1-5	Hopper	AU
IA1-1-6	Winch	AU
IA1-1-7	Hoist	AU
IA1-1-8	Motor	AU
IA1-1-9	Motor	AU, RCA
IA1-1-10	Gas washer	AU
IA1-1-11	Cooler	AU
IA1-1-12	Safety tank	AU
IA1-1-13	Safety tank	AU

Inventory No.	Name of Equipment	Status
IA1-2	Gas generator	AU,RCA
IA1-2-1	Carbide bin	AU,RCA
IA1-2-2	Crusher	DS
IA1-2-3	Motor	DS
IA1-2-4	Hopper	DS
IA1-2-5	Winch	DS
IA1-2-6	Hoist	DS
IA1-2-7	Motor	DS
IA1-2-8	Motor	DS
IA1-2-9	Gas washer	DS
IA1-2-10	Cooler	DS
IA1-2-11	Safety tank	AU
IA1-2-12	Safety tank	AU
IA2-1	Purifier	AU
IA2-2	Purifier	AU
IA2-3	Purifier	AU
IA2-4	Purifier	DS
IA2-5	Purifier	DS
IA2-6	Purifier	DS
IA3-1	Gas holder	DS
IA3-2	Gas holder	DS
IA3-3	Gas holder	AU

Inventory No.	Name of Equipment	Status
(4t)	Piping	AU
IB1-1	Reaction kettle	DS
IB1-1-1	Gas meter	DS
IB1-1-2	Gas washer	DS
IB1-1-3	Safety tank	DS
IB1-1-4	Blower	DS
IB1-1-5	Motor	DS
IB1-1-6	Gas tank	DS
IB1-1-7	Tank	AU,RCA
IB1-1-8	Separator	DS
IB1-1-9	Reducing gear	DS
IB1-1-10	Motor	DS
IB1-1-11	Pre-heater	DS
IB1-1-12	Tank	AU
IB1-1-13	Tank	AU,RCA
IB1-1-14	Tank	DS
IB1-1-15	Centrifugal pump	DS
IB1-1-16	Motor	AU,RCA
IB1-1-17	Preparator	AU,RCA
IB1-1-18	Preparator	AU,RCA
IB1-1-19	Preparator	DS
IB1-1-20	Recovering vessel	AU,RCA

Inventory No.	Name of Equipment	Status
IB1-1-21	Recovering vessel	AU,RCA
IB1-1-22	Recovering vessel	DS
IB1-1-23	Tub	AU,RCA
IB1-1-24	Separator	AU
IB1-1-25	Motor	AU
IB1-2	Reaction kettle	DS
IB1-2-1	Gas meter	DS
IB1-2-2	Gas meter	DS
IB1-2-3	Blower	DS
IB1-2-4	Motor	DS
IB1-2-5	Tank	DS
IB1-2-6	Tank	AU,RCA
IB1-2-7	Separator	AU,RCA
IB1-2-8	Reducing gear	DS
IB1-2-9	Motor	AU,RCA
IB1-2-10	Pre-heater	DS
IB1-2-11	Tank	AU
IB1-2-12	Tank	DS
IB1-2-13	Tank	DS
IB1-2-14	Centrifugal pump	AU,RCA
IB1-2-15	Motor	AU,RCA
IB1-2-16	Preparator	AU

Inventory No.	Name of Equipment	Status
IB1-2-17	Preparator	AU,RCA
IB1-2-18	Preparator	AU,RCA
IB1-2-19	Motor	AU,RCA
IB1-2-20	Recovering vessel	AU,RCA
IB1-2-21	Recovering vessel	AU
IB1-2-22	Recovering vessel	DS
IB1-2-23	Tub	AU,RCA
IB1-2-24	Separator	AU,RCA
IB1-2-25	Motor	AU
IB1-3	Reaction kettle	DS
IB1-3-1	Motor	DS
IB1-3-2	Tank	AU
IB2-1	Cooler	DS
IB2-1-1	Reservoir	AU, RCA
IB2-1-2	Reservoir	AU,RCA
IB2-1-3	Cooler	DS
IB2-1-4	Reservoir	AU,RCA
IB2-1-5	Condenser	DS
IB2-1-6	Condenser	DS
IB2-1-7	Tank	DS
IB2-1-8	Tank	AU,RCA
IB2-1-9	Centrifugal pump	DS

Inventory No.	Name of Equipment	Status
IB2-1-10	Safety tube	DS
IB2-1-11	Safety tube	DS
IB2-2	Cooler	DS
IB2-2-1	Tank	AU,RCA
IB2-2-2	Tank	AU,RCA
IB2-2-3	Cooler	DS
IB2-2-4	Tank	AU,RCA
IB2-2-5	Cooler	DS
IB2-2-6	Condenser	DS
IB2-2-7	Tank	RMS
IB2-2-9	Safety tube	DS
IB2-2-10	Safety tube	DS
IB3-1	Absorbing tower	DS
IB3-1-1	Drying tower	DS
IB3-1-2	Drying tower	DS
IB3-1-3	Tank	DS
IB3-1-4	Reciprocating pump	DS
IB3-1-5	Motor	AU,RCA
IB3-1-6	Reciprocating pump	AU,RCA
IB3-1-7	Motor	AU,RCA
IB3-1-8	Reservoir	AU
IB3-1-9	Evaporator	DS

Inventory No.	Name of Equipment	Status
IB3-1-10	Condenser	DS
IB3-2	Absorbing tower	DS
IB3-2-1	Drying tower	DS
IB3-2-2	Drying tower	DS
IB3-2-3	Tank	DS
IB3-2-4	Reciprocating pump	AU,RCA
IB3-2-5	Reciprocating pump	DS
IB3-2-6	Evaporator	DS
IB3-2-7	Reservoir	AU
IB3-2-8	Condenser	DS
IB4-1	Distillation tower	DS
IB4-1-1	Heat exchanger	DS
IB4-1-2	Condenser	DS
IB4-1-3	Separator	DS
IB4-1-4	Condenser	DS
IB4-1-5	Condenser	DS
IB4-1-6	Condenser	DS
IB4-1-7	Tank	DS
IB4-1-8	Tank	DS
IB4-1-9	Centrifugal pump	DS
IB4-1-10	Motor	AU,RCA
IB4-1-11	Evaporator	DS

Inventory No.	Name of Equipment	Status
IB4-1-12	Washer	DS
IB4-1-13	Washer	DS
IB4-1-14	Washer	DS
IB4-1-15	Pre-parator	DS
IB4-1-16	Motor	DS
IB4-1-17	Drying tower	DS
IB4-1-18	Drying tower	DS
IB4-1-19	Condenser	DS
IB4-1-20	Cooler	DS
IB4-1-21	Cooler	AU,RCA
IB4-1-22	Pre-cooler	DS
IB4-1-23	Centrifugal pump	DS
IB4-1-24	Motor	RMS
IB4-1-25	Shafting	DS
IB4-2	Distillation tower	DS
IB4-2-1	Heat exchanger	DS
IB4-2-2	Condenser	DS
IB4-2-3	Separator	AU
IB4-2-4	Condenser	DS
IB4-2-5	Condenser	DS
IB4-2-6	Condenser	DS
IB4-2-7	Tank	DS

Inventory No.	Name of Equipment	Status
IB4-2-8	Evaporator	DS
IB4-2-9	Washer	DS
IB4-2-10	Washer	DS
IB4-2-11	Drying tower	DS
IB4-2-12	Drying tower	DS
IB4-2-13	Condenser	DS
IB4-2-14	Cooler	DS
IB4-2-15	Cooler	DS
IB4-2-16	Condenser	DS
IB4-2-17	Cooler	AU,RCA
IB4-2-18	Pre-cooler	DS
IB5-1	Reservoir	DS
IB5-2	Reservoir	DS
IB5-3	Reservoir	DS
IB6-1	Tank	AU,RCA
IB6-1-1	Washer	AU,RCA
IB6-1-2	Motor	AU,RCA
IB6-1-3	Acid egg	AU,RCA
IB6-1-4	Tank	AU,RCA
IB6-1-5	Washer	AU,RCA
IB6-1-6	Acid egg	AU,RCA
IB6-1-7	Tank	AU,RCA

Inventory No.	Name of Equipment	Status
IB6-1-8	Still	DS
IB6-1-9	Condenser	DS
IB6-1-10	Separator	DS
IB6-1-11	Reservoir	AU,RCA
IB6-1-12	Dehydrator	AU,RCA
IB6-1-13	Dehydrator	AU,RCA
IB6-1-14	Dehydrator	AU,RCA
IB6-1-15	Dehydrator	AU,RCA
IB6-1-16	Dehydrator	AU,RCA
IB6-1-17	Centrifugal pump	DS
IB6-1-18	Motor	AU
IB6-1-19	Tank	AU,RCA
IB6-1-20	Tank	AU,RCA
IB6-1-21	Reservoir	AU,RCA
IB6-1-22	Shafting	AU,RCA
IB6-1-23	Shafting	DS
IB6-2	Tank	AU,RCA
IB6-2-1	Washer	AU,RCA
IB6-2-2	Acid egg	AU,RCA
IB6-2-3	Tank	DS
IB6-2-4	Washer	AU,RCA
IB6-2-5	Motor	DS

Inventory No.	Name of Equipment	Status
IB6-2-6	Acid egg	AU,RCA
IB6-2-7	Tank	AU,RCA
IB6-2-8	Tank	AU,RCA
IB6-2-9	Tank	AU
IB6-2-10	Reservoir	AU,RCA
IB6-2-11	Centrifugal pump	AU,RCA
IB6-2-12	Motor	AU,RCA
IB6-2-13	Centrifugal pump	AU,RCA
IB6-2-14	Motor	AU,RCA
IB6-2-15	Shafting	DS
IB6-2-16	Shafting	DS
IB6-3	Tank	AU,RCA
IB6-4	Tank	AU,RCA
IB6-5	Tank	AU,RCA
IB6-6	Tank	DS
IC1-1	Preparator	AU,RCA
IC1-1-1	Motor	DS
IC1-1-2	Tank	AU,RCA
IC1-1-3	Tank	DS
IC1-1-4	Centrifugal pump	AU,RCA
IC1-1-5	Shafting	DS
IC1-2	Preparator	AU,RCA

Inventory No.	Name of Equipment	Status
IC1-2-1	Tank	AU,RCA
IC1-2-2	Centrifugal pump	DS
IC1-2-3	Motor	AU,RCA
IC1-2-4	Tank	DS
IC2-1	Reduction kettle	DS
IC2-1-1	Motor	AU,RCA
IC2-1-2	Tank	DS
IC2-1-3	Tank	DS
IC2-1-4	Reflux condenser	DS
IC2-1-5	Reciprocation pump	DS
IC2-1-6	Electric Hoist	AU
IC2-1-7	Centrifugal pump	AU,RCA
IC2-1-8	Motor	AU,RCA
IC2-1-9	Tank	RMS
IC2-1-10	Dryer	RMS
IC2-1-11	Dryer	RMS
IC2-1-12	Dryer	RMS
IC2-1-13	Dryer	RMS
IC2-1-14	Tank	AU,RCA
IC2-2	Reduction kettle	DS
IC2-2-1	Motor	DS
IC2-2-2	Tank	DS

Inventory No.	Name of Equipment	Status
IC2-2-3	Tank	DS
IC2-2-4	Condenser	DS
IC2-2-5	Centrifugal pump	AU,RCA
IC2-2-6	Motor	AU,RCA
IC2-2-7	Tank	AU,RCA
IC2-2-8	Motor	AU
IC2-2-9	Vacuum pump	DS
IC2-2-10	Motor	AU,RCA
IC2-2-11	Accumlator	AU
IC2-2-12	Shafting	DS
IC2-3	Reduction kettle	DS
IC2-3-1	Motor	DS
IC2-3-2	Tank	DS
IC2-3-3	Measuring tank	DS
IC2-3-4	Condenser	DS
IC2-4	Reduction kettle	DS
IC2-4-1	Motor	DS
IC2-4-2	Tank	AU,RCA
IC2-4-3	Tank	DS
IC2-4-4	Condenser	DS
IC2-5	Reduction kettle	DS
IC2-5-1	Motor	DS

Inventory No.	Name of Equipment	Status
IC2-5-2	Tank	DS
IC2-5-3	Tank	DS
IC2-5-4	Condenser	DS
IC2-6	Reduction kettle	DS
IC2-6-1	Motor	AU,RCA
IC2-6-2	Tank	DS
IC2-6-3	Tank	DS
IC2-6-4	Condenser	DS
IC3-1	Refoiner	DS
IC3-1-1	Refoiner	DS
IC3-1-2	Preparator	DS
IC3-1-3	Preparator	AU,RCA
IC3-1-4	Motor	DS
IC3-1-5	Safety tube	DS
IC3-1-6	Safety tube	DS
IC3-1-7	Safety tube	DS
IC3-1-8	Purifier	DS
IC3-1-9	Purifier	DS
IC3-1-10	Acid egg	AU,RCA
IC3-1-11	Dryer	DS
IC3-1-12	Dryer	DS
IC3-1-13	Dryer	DS

Inventory No.	Name of Equipment	Status
IC3-1-14	Condenser	DS
IC3-1-15	Reservoir	DS
IC3-1-16	Condenser	DS
IC3-1-17	Reservoir	DS
IC3-1-18	Catcher	DS
IC3-1-19	Safting	DS
IC3-2	Reføiner	DS
IC3-2-1	Reføiner	DS
IC3-2-2	Safety tube	DS
IC3-2-3	Safety tube	DS
IC3-2-4	Safety tube	DS
IC3-2-5	Safety tube	DS
IC3-2-6	Purifier	DS
IC3-2-7	Purifier	DS
IC3-2-8	Acid egg	AU,RCA
IC3-2-9	Dryer	DS
IC3-2-10	Dryer	DS
IC3-2-11	Dryer	DS
IC3-2-12	Condenser	DS
IC3-2-13	Reservoir	DS
IC3-2-14	Reservoir	DS
IC3-2-15	Catcher	DS

Inventory No.	Name of Equipment	Status
IC4-2	Tank	AU,RCA
IC4-3	Tank	AU,RCA
IC4-4	Tank	AU,RCA
IC4-5	Tank	AU,RCA
IC4-6	Tank	AU,RCA
IC4-7	Tank	AU,RCA
IE1-1	Generator	RMS
IE1-1-1	Flet mill	RMS
IE1-1-2	Kneader	DS
IE1-1-3	Motor	AU,RCA
IE1-1-4	Dryer	AU
IE1-1-5	Dryer	DS
IE1-1-6	Worthington pump	DS
IE1-1-7	Tank	DS
IE1-1-8	Vaporizer	AU
IE1-1-9	Condenser	DS
IE1-1-10	Condenser	DS
IE1-1-11	Gas holder	AU
IE1-1-12	Shafting	AU,RCA
IE1-2	Generator	RMS
IE1-2-1	Worthington pump	AU,RCA
IE1-2-2	Tank	DS

Inventory No.	Name of Equipment	Status
IE1-2-3	Tank	DS
IE1-2-4	Vaporizer	AU
IE1-2-5	Vaporizer	DS
IE1-2-6	Condenser	DS
IE1-2-7	Condenser	DS
IE1-2-8	Gas holder	AU
IE1-2-9	Generator	RMS
IE2-1	Reaction tower	DS
IE2-1-1	Centrifugal pump	AU,RCA
IE2-1-2	Motor	DS
IE2-1-3	Tank	DS
IE2-1-4	Rotary pump	DS
IE2-1-5	Rotary pump	AU,RCA
IE2-1-6	Vacuum pump	AU,RCA
IE2-1-7	Motor	AU,RCA
IE2-1-8	Acuumlator	DS
IE2-1-9	Tank	DS
IE2-1-10	Centrifugal pump	DS
IE2-1-11	Motor	AU,RCA
IE2-1-12	Tank	DS
IE2-1-13	Reciprocating pump	DS
IE2-1-14	Motor	AU

Inventory No.	Name of Equipment	Status
IE2-1-15	Tank	RMS,RCA
IE2-1-16	Absorbing tower	RMS
IE2-1-17	Absorbing tower	RMS,RCA
IE2-1-18	Fan	DS
IE2-1-19	Fan	DS
IE2-2	Reaction tower	DS
IE2-2-1	Centrifugal pump	AU,RCA
IE2-2-2	Motor	AU,RCA
IE2-2-3	Tank	DS
IE2-2-4	Fan	AU
IE2-2-5	Motor	AU
IE2-2-6	Accumulator	DS
IE2-2-7	Accumulator	DS,RCA
IE2-2-8	Vacuum pump	AU,RCA
IE2-2-9	Motor	AU
IE2-2-10	Centrifugal pump	DS
IE2-2-11	Motor	DS
IE3-1	Generator	RMS
IE3-1-1	Tank	DS
IE3-1-2	Tank	DS
IE3-1-3	Tank	AU
IE3-1-4	Motor	AU,RCA

Inventory No.	Name of Equipment	Status
IE3-1-5	Tank	AU,RCA
IE3-1-6	Centrifugal pump	DS
IE3-1-7	Motor	AU,RCA
IE3-1-8	Tank	DS
IE3-1-9	Separator	DS
IE3-1-10	Cooler	DS
IE3-1-11	Tank	AU
IE3-1-12	Reservoir	AU
IE3-1-13	Reservoir	AU
IE3-1-14	Vacuum pump	AU
IE3-1-15	Shafting	DS
IE3-2	Generator	RMS
IE3-2-1	Tank	AU,RCA
IE3-2-2	Tank	AU,RCA
IE3-2-3	Tank	AU
IE3-3	Generator	RMS
IE3-3-1	Tank	DS
IE3-3-2	Tank	DS
IE3-3-3	Tank	AU
IE3-4	Generator	RMS
IE3-4-1	Tank	DS
IE3-4-2	Tank	AU,RCA

Inventory No.	Name of Equipment	Status
IE3-4-3	Tank	AU
IE3-4-4	Tank	DS
IE3-4-5	Separator	DS
IE3-4-6	Cooler	DS
IE3-4-7	Tank	AU
IE3-4-8	Reservoir	AU
IE3-4-9	Vacuum pump	DS
IE3-4-10	Vacuum pump	DS
IE3-4-11	Motor	AU
IE3-4-12	Shafting	AU,RCA
IE3-4-13	Shafting	AU,RCA
IE3-5	Generator	RMS
IE3-5-1	Tank	DS
IE3-5-2	Tank	DS
IE3-5-3	Tank	AU
IE3-6	Generator	RMS
IE3-6-1	Tank	AU
IE4-1	Generator	DS
IE4-1-1	Reflux tower	DS
IE4-1-2	Motor	DS
IE4-1-3	Cooler	DS
IE4-1-4	Tank	DS

Inventory No.	Name of Equipment	Status
IE4-1-5	Centrifugal pump	DS
IE4-1-6	Motor	DS
IE4-1-7	Tank	RMS
IE4-1-8	Tank	DS
IE4-1-9	Acid egg	AU,RCA
IE4-1-10	Fan	AU
IE4-1-11	Motor	AU,RCA
IE4-1-12	Reservoir	DS
IE4-1-13	Shafting	DS
IE4-2	Generator	DS
IE4-2-1	Reflux tower	DS
IE4-2-2	Cooler	DS
IE4-2-3	Tank	DS
IE4-2-4	Acid egg	AU,RCA
IE4-2-5	Reservoir	DS
IE4-2-6	Shafting	DS
IE4-3	Generator	DS
IE4-3-1	Reflux tower	DS
IE4-3-2	Cooler	DS
IE4-3-3	Tank	DS
IE4-3-4	Acid egg	AU,RCA
IE4-3-5	Reservoir	DS

Inventory No.	Name of Equipment	Status
IE4-3-6	Shafting	DS
IE4-4	Generator	DS
IE4-4-1	Reflux tower	DS
IE4-4-2	Cooler	DS
IE4-4-3	Reservoir	DS
IE5-1	Reaction kettle	DS
IE5-1-1	Reservoir	AU
IE5-1-2	Tank	AU,RCA
IE5-1-3	Tank	AU
IE5-1-4	Centrifugal pump	AU,RCA
IE5-1-5	Motor	AU,RCA
IE5-1-6	Tank	DS
IE5-1-7	Tank	DS
IE5-1-8	Centrifugal pump	DS
IE5-1-9	Motor	AU,RCA
IE5-1-10	Centrifugal pump	AU,RCA
IE5-1-11	Motor	AU,RCA
IE5-1-12	Separator	AU,RCA
IE5-1-13	Tank	AU,RCA
IE5-1-14	Shafting	DS
IE5-2	Reaction kettle	DS
IE5-2-1	Reservoir	DS

Inventory No.	Name of Equipment	Status
IE5-2-2	Centrifugal pump	DS
IE5-2-3	Motor	AU,RCA
IE5-2-4	Separator	AU,RCA
IE5-2-5	Separator	AU,RCA
IE5-2-6	Tank	AU,RCA
IE5-2-7	Centrifugal pump	DS
IE5-2-8	Motor	AU,RCA
IE6-1	Vacuum still	DS
IE6-1-1	Condenser	AU,RCA
IE6-1-2	Separator	DS
IE6-1-3	Cooler	DS
IE6-1-4	Vacuum pump	AU
IE6-1-5	Motor	AU
IE6-1-6	Separator	AU
IE6-1-7	Reservoir	DS
IE6-1-8	Reservoir	DS
IE6-1-9	Reservoir	DS
IE6-1-10	Reservoir	DS
IE6-1-11	Centrifugal pump	DS
IE6-1-12	Motor	DS
IE6-1-13	Steam superheater	AU
IE6-2	Vacuum still	DS

Inventory No.	Name of Equipment	Status
IE6-2-1	Condenser	AU,RCA
IE6-2-2	Separator	DS
IE6-2-3	Cooler	AU
IE6-2-4	Vacuum pump	AU,RCA
IE6-2-5	Motor	AU,RCA
IE6-2-6	Separator	AU,RCA
IE6-2-7	Reservoir	DS
IE6-2-8	Reservoir	DS
IE6-2-9	Reservoir	DS
IE6-2-10	Reservoir	AU,RCA
IE6-2-11	Reservoir	AU,RCA
IE6-2-12	Centrifugal pump	DS
IE7-1	Dehydrator	DS
IE7-1-1	Pre-heater	DS
IE7-1-2	Tank	DS
IE7-1-3	Reservoir	DS
IE7-1-4	Tank	AU
IE7-1-5	Tank	AU
IE7-1-6	Vacuum pump	AU,RCA
IE7-1-7	Motor	AU,RCA
IE7-1-8	Drain trap	DS
IE7-1-9	Tank	AU

Inventory No.	Name of Equipment	Status
IE7-1-10	Washer	DS
IE7-1-11	Tank	DS
IE7-1-12	Washer	AU,RCA
IE7-1-13	Motor	AU,RCA
IE7-1-14	Shafting	DS
IE7-1-15	Shafting	DS
IE7-2	Dehydrator	DS
IE7-2-1	Pre-heater	DS
IE7-2-2	Heat exchanger	DS
IE7-2-3	Cooler	AU
IE7-2-4	Cooler	DS
IE7-2-5	Reservoir	AU
IE7-2-6	Tank	DS
IE7-2-7	Tank	AU
IE7-3	Dehydrator	DS
IE7-3-1	Pre-heater	DS
IE7-3-2	Tank	DS
IE7-3-3	Reservoir	DS
IE7-3-4	Tank	AU
IE7-4	Dehydrator	DS
IE7-4-1	Pre-heater	DS
IE7-4-2	Heat exchanger	DS

Inventory No.	Name of Equipment	Status
IE7-4-3	Cooler	DS
IE7-4-4	Cooler	DS
IE7-4-5	Reservoir	AU
IE7-4-6	Reservoir	AU
IE7-4-7	Reservoir	DS
IE7-4-8	Reservoir	AU
IE7-5	Dehydrator	RMS
IE7-5-1	Tank	DS
IE7-5-2	Cooler	AU
IE7-5-3	Reservoir	DS
IE7-6	Dehydrator	RMS
IE7-6-1	Tank	DS
IE7-6-2	Cooler	AU
IE7-6-3	Reservoir	DS
IE8-1	Still	DS
IE8-1-1	Condenser	DS
IE8-1-2	Condenser	DS
IE8-1-3	Separator	DS
IE8-1-4	Reservoir	AU,RCA
IE8-1-5	Reservoir	AU,RCA
IE8-1-6	Centrifugal pump	DS
IE8-1-7	Tank	DS

Inventory No.	Name of Equipment	Status
IE8-2	Still	DS
IE8-2-1	Condenser	DS
IE8-2-2	Condenser	AU
IE8-2-3	Separator	DS
IE8-2-4	Reservoir	AU, RCA
IE8-2-5	Reservoir	AU, RCA
IE8-2-6	Tank	DS
IE8-2-7	Tank	DS
IF1-1	Autoclave	AU
IF1-1-1	Motor	DS
IF1-1-2	Tank	DS
IF1-1-3	Tank	AU
IF1-1-4	Tank	AU
IF1-1-5	Reciprocating pump	DS
IF1-1-6	Motor	DS
IF1-1-7	Reciprocating pump	DS
IF1-1-8	Motor	AU
IF1-1-9	Acid egg	AU
IF1-1-10	Oleic acid washer	AU
IF1-1-11	Oleic acid washer	AU
IF1-1-12	Motor	DS
IF1-1-13	Tank	DS

Inventory No.	Name of Equipment	Status
IF1-1-14	Acid egg	AU
IF1-1-15	Tank	AU
IF1-1-16	Acid egg	AU
IF1-1-17	Preparator	AU,RCA
IF1-1-18	Preparator	AU,RCA
IF1-1-19	Centrifugal pump	DS
IF1-1-20	Motor	AU,RCA
IF1-1-21	Centrifugal pump	AU
IF1-1-22	Motor	AU,RCA
IF1-1-23	Tank	DS
IF1-1-24	Centrifugal pump	AU
IF1-1-25	Centrifugal pump	AU
IF1-1-26	Vacuum pump	AU
IF1-1-27	Accumlator	AU
IF1-1-28	Motor	AU
IF1-1-29	Tank	DS
IF1-1-30	Centrifugal pump	AU
IF1-1-31	Tank	DS
IF1-1-32	Centrifugal pump	DS
IF1-1-33	Motor	AU
IF1-1-34	Centrifugal pump	DS
IF1-1-35	Shafting	AU

Inventory No.	Name of Equipment	Status
IF1-1-36	Shafting	AU
IF1-1-37	Shafting	AU,RCA
IF1-1-38	Shafting	DS
IF1-1-39	Shafting	AU,RCA
IF1-2	Autoclave	AU
IF1-2-1	Tank	DS
IF1-2-2	Tank	AU
IF1-2-3	Tank	AU
IF1-2-4	Tank	DS
IF1-2-5	Centrifugal pump	DS
IF1-2-6	Shafting	AU,RCA
IF1-3	Autoclave	AU
IF1-3-1	Tank	DS
IF1-3-2	Tank	DS
IF1-3-3	Tank	DS
IF1-3-4	Shafting	DS
IF1-4	Autoclave	AU
IF1-4-1	Motor	AU,RCA
IF1-4-2	Shafting	DS
IF1-5	Autoclave	AU,RCA
IF1-5-1	Tank	DS
IF1-5-2	Shafting	DS

Inventory No.	Name of Equipment	Status
IF1-6	Autoclave	AU,RCA
IF1-6-1	Tank	DS
IF1-6-2	Dryer	DS
IF1-6-3	Dryer	DS
IF1-6-4	Condenser	DS
IF1-6-5	Tank	DS
IF1-6-6	Latex separator	DS
IF1-6-7	Shafting	DS
IF1-7	Autoclave	AU,RCA
IF1-7-1	Tank	AU
IF1-7-2	Dryer	DS
IF1-7-3	Dryer	DS
IF1-7-4	Condenser	DS
IF1-7-5	Tank	DS
IF1-7-6	Latex separator	DS
IF1-8	Autoclave	AU
IF1-8-1	Motor	AU
IF1-9	Autoclave	AU
IF1-9-1	Motor	AU
IF2-1	Motor	DS
IF2-1-1	Tank	AU
IF2-1-2	Tank	AU

Inventory No.	Name of Equipment	Status
IF2-1-3	Tank	AU
IF2-1-4	Tank	AU
IF2-1-5	Tank	AU
IF2-1-6	Motor	AU
IF2-1-7	Centrifugal pump	AU
IF2-1-8	Motor	AU
IF2-1-9	Shafting	AU
IF2-1-10	Shafting	DS
IF3-1	Finishing roll	DS
IF3-1-1	Reducing gear	DS
IF3-1-2	Shafting	DS
IF3-1-3	Motor	DS
IF3-2	Finishing roll	DS
IF4-1	Dryer	AU
IF4-1-1	Blower	AU
IF4-2	Dryer	AU
IF4-3	Dryer	AU
IF4-3-1	Blower	AU
IF4-4	Dryer	AU
IF4-5	Dryer	AU,RCA
IF4-6	Dryer	AU,RCA
IF4-7	Dryer	AU,RCA

Inventory No.	Name of Equipment	Status
IF4-7-1	Blower	AU,RCA
IF4-8	Dryer	AU,RCA
IF4-8-1	Blower	AU,RCA
IG1-1	Preparator	DS
IG1-1-1	Motor	DS
IG2-1	Reaction kettle	DS
IG2-1-1	Motor	AU
IG2-1-2	Safety tank	AU
IG2-1-3	Accumulator	DS
IG2-1-4	Gas flow meter	RMS
IG2-1-5	Gas flow meter	RMS
IG2-1-6	Separator	AU
IG2-1-7	Tank	DS
IG2-1-8	Tank	DS
IG2-1-9	Heat exchanger	DS
IG2-1-10	Feeder	DS
IG2-1-11	Feeder	DS
IG2-1-12	Heater	RMS
IG2-1-13	Shafting	AU,RCA
IG3-1	Cooler	DS
IG3-1-1	Cooler	DS
IG4-1	Reservoir	DS

Inventory No.	Name of Equipment	Status
IG4-2	Reservoir	RMS
IG4-3	Reservoir	RMS
IG4-4	Reservoir	AU
IG5-1	Reservoir	AU
IG5-1-1	Centrifugal pump	AU,RCA
IG5-1-2	Washing tower	AU
IG5-1-3	Dryer	DS
IG5-1-4	Dryer	DS
IG5-1-5	Deep cooler	DS
IG5-1-6	Reservoir	DS
IG5-1-7	Reservoir	DS
IG5-1-8	Cooler	DS
IG5-1-9	Vaporizer	AU,RCA
IG5-1-10	Reflux tower	DS
IG5-1-11	Drying tower	DS
IG5-1-12	Cooler	AU
(2t)	Piping	AU
II1-1	Ammonia compressor	AU,RCA
II1-1-1	Motor	DS
II1-1-2	Oil separator	AU
II1-1-3	Cooler	AU,RCA
II1-1-4	Receiver	AU,RCA

Inventory No.	Name of Equipment	Status
II1-1-5	Tank	DS
II1-1-6	Cooler	AU,RCA
II1-1-7	Turbine pump	DS
II1-1-8	Motor	AU,RCA
II1-1-9	Turbine pump	AU,RCA
II1-1-10	Motor	AU,RCA
II1-2	Ammonia compressor	AU,RCA
II1-2-1	Motor	DS
II1-2-2	Oil separator	AU,RCA
II1-2-3	Cooler	AU,RCA
II1-2-4	Receiver	DS
II1-2-5	Cooler	DS
II1-2-6	Brine tank	AU,RCA
II1-2-7	Turbine pump	AU,RCA
II1-2-8	Motor	AU,RCA
II1-2-9	Tank	RMS
II1-2-10	Tank	DS
II1-2-11	Tank	DS
II1-3	Ammonia compressor	AU,RCA
II1-3-1	Motor	AU,RCA
II1-3-2	Oil separator	AU,RCA
II1-3-3	Condenser	AU,RCA

Inventory No.	Name of Equipment	Status
III-3-4	Reservoir	AU,RCA
III-3-5	Tank	DS
III-3-6	Cooler	AU,RCA
III-3-7	Turbine pump	DS
III-3-8	Motor	AU,RCA
III-3-9	Turbine pump	AU,RCA
III-3-10	Motor	AU,RCA
III-4	Ammonia compressor	AU
III-4-1	Motor	AU
III-4-2	Oil separator	AU
III-4-3	Cooler	AU
III-4-4	Receiver	AU
III-4-5	Tank	AU
III-4-6	Cooler	AU
III-4-7	Turbine pump	DS
III-4-8	Motor	AU,RCA
III-4-9	Turbine pump	DS
III-4-10	Motor	AU,RCA
III-4-11	Turbine pump	DS
III-4-12	Motor	AU,RCA
III-4-13	Centrifugal pump	DS
III-4-14	Motor	AU,RCA

Inventory No.	Name of Equipment	Status
III-5	Ammonia compressor	AU,RCA
III-5-1	Motor	AU,RCA
III-5-2	Cooler	AU,RCA
III-5-3	Oil separator	AU,RCA
III-5-4	Reservoir	AU,RCA
III-5-5	Tank	AU,RCA
III-5-6	Cooler	AU,RCA
III-5-7	Turbine pump	AU,RCA
III-5-8	Motor	AU,RCA
III-5-9	Turbine pump	AU,RCA
III-5-10	Motor	AU,RCA
III-6	Ammonia compressor	AU,RCA
III-6-1	Motor	AU,RCA
III-6-2	Oil separator	AU,RCA
III-6-3	Condenser	AU,RCA
III-6-4	Receiver	AU,RCA
III-7	Ammonia compressor	AU,RCA
III-7-1	Motor	AU,RCA
III-7-2	Oil separator	AU,RCA
III-7-3	Condenser	AU,RCA
III-7-4	Condenser	AU,RCA
III-7-5	Tank	DS

Inventory No.	Name of Equipment	Status
III-7-6	Cooler	AU,RCA
III-7-7	Turbine pump	AU
III-7-8	Motor	AU,RCA
III-7-9	Turbine pump	DS
III-7-10	Motor	DS
III-8	Ammonia compressor	AU,RCA
III-8-1	Motor	DS
II2-1	Compressor	AU,RCA
II2-1-1	Motor	AU,RCA
II2-1-2	Accumlator	AU,RCA
II2-2	Compressor	AU,RCA
II2-2-1	Motor	DS
(36t)	Piping	DS
II2-3	Compressor	DS
II2-3-1	Motor	AU,RCA
II2-3-2	Accumlator	DS
(5t)	Piping	DS
II2-4	Compressor	AU,RCA
II2-4-1	Motor	AU,RCA
II2-4-2	Accumlator	AU,RCA
II2-5	Compressor	AU,RCA
II2-5-1	Motor	AU,RCA

Inventory No.	Name of Equipment	Status
II2-5-2	Accumlator	AU,RCA
II3-1	Centrifugal pump	AU,RCA
II3-1-1	Motor	AU,RCA
II3-2	Centrifugal pump	DS
II3-2-1	Motor	DS
II3-3	Centrifugal pump	DS
II3-3-1	Motor	DS
II3-4	Centrifugal pump	DS
II3-4-1	Motor	DS
II3-5	Centrifugal pump	DS
II3-5-1	Motor	DS
II3-5-2	Tank	AU,RCA
II3-5-3	Cooling tower	DS
II3-5-4	Cooling tower	DS
II3-6	Centrifugal pump	DS
II3-6-1	Motor	DS
II3-6-2	Tank	AU,RCA
II4-1	Boiler	DS
II4-1-1	Stoker	DS
II4-1-2	Furnace	DS
II4-1-3	Worthington pump	AU,RCA
II4-1-4	Turbine pump	AU,RCA

Inventory No.	Name of Equipment	Status
II4-1-5	Motor	AU,RCA
II4-2	Boiler	DS
II4-2-1	Stoker	DS
II4-2-2	Worthington pump	AU,RCA
(105t)	Outdoor piping	AU
(52t)	Outdoor piping	DS
II5-13	Auto-transformer	DS
II5-14	Auto-transformer	DS
III2-1	Transformer	DS
III2-2	Transformer	AU,RCA
III2-3	Transformer	AU,RCA
III3-1	Switch board	AU,RCA
III3-2	Switch board	AU,RCA
III3-3	Switch board	AU,RCA
III3-4	Switch board	DS
III3-5	Switch board	DS
III3-6	Switch board	AU,RCA
III4-12	Switch	AU
III4-13	Switch	AU
III4-14	Switch	AU
III4-15	Switch	AU
(3t)	Piping	AU

Plant Accountability

Name of Plant: Nipponkasei Chemical Industries Limited, Kurosaki Factory, Synthetic Rubber Plant

Code No.: 07-50

Location: 2447-1 Gotanshinkai, Fujita, Yahata-shi, Fukuoka-ken

Reporter: Shukichi Shibata Date: 25 November 1950

Alcohol Process Synthetic Rubber Plant:

Inventory No.	Name of Equipment	Status
ID1-1	Wooden tub	AU,RCA
ID1-1-1	Worthington pump	DS
ID1-1-2	Filter press	AU,RCA
ID1-1-3	Filter press	AU,RCA
ID1-1-4	Worthington pump	DS
ID1-1-5	Kneader	AU
ID1-1-6	Kneader	AU,RCA
ID1-1-7	Electric motor	AU
ID1-2	Wooden tub	AU,RCA
ID1-2-1	Filter press	AU,RCA
ID1-2-2	Worthington pump	DS
ID1-3	Wooden tub	AU,RCA
ID1-3-1	Filter press	AU,RCA
ID1-3-2	Worthington pump	DS

Inventory No.	Name of Equipment	Status
ID1-4	Wooden tub	AU
ID1-4-1	Filter press	AU,RCA
ID1-4-2	Worthington pump	AU,RCA
ID1-5	Wooden tub	AU
ID1-5-1	Filter press	AU,RCA
ID1-6	Wooden tub	AU
ID1-6-1	Filter press	AU
ID1-7	Wooden tub	AU
ID1-7-1	Filter press	AU,RCA
ID2-1	Vacuum drier	AU,RCA
ID2-2	Vacuum drier	AU,RCA
ID2-3	Vacuum drier	AU,RCA
ID2-4	Vacuum drier	AU,RCA
ID2-4-1	Drain tank	AU,RCA
ID2-5	Drier	AU,RCA
ID2-6	Drier	AU,RCA
ID2-7	Drier	AU,RCA
ID2-8	Drier	AU
ID2-9	Drier	AU
ID2-9-1	Blower	AU
ID3-1	Synthesizing tower	DS
ID3-1-1	Reservoir	AU,RCA

Inventory No.	Name of Equipment	Status
ID3-1-2	Worthington pump	AU,RCA
ID3-1-3	Reservoir	AU
ID3-1-4	Worthington pump	AU,RCA
ID3-1-5	Reservoir	DS
ID3-1-6	Reservoir	DS
ID3-1-7	Worthington pump	DS
ID3-1-8	Tank	AU,RCA
ID3-1-9	Evaporator	DS
ID3-1-10	Pre-heater	DS
ID3-1-11	Origin pump	DS
ID3-1-12	Motor	AU
ID3-1-13	Oil separator	DS
ID3-1-14	Drain tank	RMS
ID3-1-15	Oil separator	DS
ID3-1-16	Drain tank	RMS
ID3-2	Synthesizing tower	DS
ID3-2-1	Reservoir	AU
ID3-2-2	Reservoir	AU,RCA
ID3-2-3	Worthington pump	AU
ID3-2-4	Reservoir	DS
ID3-2-5	Reservoir	DS
ID3-2-6	Worthington pump	AU,RCA

Inventory No.	Name of Equipment	Status
ID3-2-7	Head tank	DS
ID3-2-8	Pre-heater	DS
ID3-3	Synthesizing tower	DS
ID3-3-1	Reservoir	DS
ID3-3-2	Reservoir	DS
ID3-3-3	Pre-heater	DS
ID4-1	Distillation tower	DS
ID4-1-1	Condenser	DS
ID4-1-2	Condenser	DS
ID4-1-3	Reservoir	AU,RCA
ID4-1-4	Reservoir	DS
ID4-1-5	Worthington pump	AU,RCA
ID4-1-6	Worthington pump	DS
ID4-1-7	Pre-heater	DS
ID4-1-8	Condenser	DS
ID4-1-9	Cooler	DS
ID4-1-10	Cooler	DS
ID4-1-11	Reservoir	DS
ID4-2	Distillation tower	DS
ID4-2-1	Head tank	DS
ID4-2-2	Heat exchanger	DS
ID4-2-3	Pre-heater	DS

Inventory No.	Name of Equipment	Status
ID4-2-4	Condenser	DS
ID4-2-5	Condenser	DS
ID4-2-6	Condenser	DS
ID4-2-7	Tank	DS
ID4-2-8	Tank	DS
ID4-2-9	Worthington pump	AU,RCA
ID4-3	Distillation tower	DS
ID4-3-1	Heat exchanger	DS
ID4-3-2	Pre-heater	DS
ID4-3-3	Condenser	DS
ID4-3-4	Condenser	DS
ID4-3-5	Condenser	DS
ID4-3-6	Condenser	AU,RCA
ID4-3-7	Reservoir	AU,RCA
ID4-3-8	Reservoir	AU,RCA
ID4-4	Distillation tower	DS
ID4-4-1	Condenser	DS
ID4-4-2	Condenser	DS
ID4-4-3	Reservoir	DS
ID4-4-4	Reservoir	DS
ID4-4-5	Worthington pump	AU,RCA
ID4-4-6	Pre-heater	DS

Inventory No.	Name of Equipment	Status
ID4-4-7	Condenser	DS
ID4-4-8	Reservoir	DS
ID4-4-9	Reservoir	DS
ID4-4-10	Worthington pump	AU,RCA
ID4-4-11	Distillation tower	DS
ID4-5	Head tank	DS
ID4-5-1	Pre-heater	DS
ID4-5-2	Condenser	DS
ID4-5-3	Cooler	DS
ID4-5-4	Reservoir	DS
ID4-5-5	Reservoir	DS
ID4-5-6	Worthington pump	DS
ID4-5-7	Gas separator	DS
ID5-1	Gas holder	AU,RCA
ID5-1-1	Gas meter	RMS
ID5-1-2	Accumulator	DS
ID5-1-3	Compressor	DS
ID5-1-4	Cooler	DS
ID5-1-5	Oil separator	DS
ID5-1-6	Gas drier	DS
ID5-1-7	Gas drier	DS
ID5-1-8		

Inventory No.	Name of Equipment	Status
ID5-1-9	Gas drier	DS
ID5-1-10	Gas drier	DS
ID5-1-11	Cooler	DS
ID5-1-12	Gas separator	DS
ID5-1-13	Cooler	DS
ID5-1-14	Gas separator	DS
ID5-1-15	Gas separator	DS
ID5-1-16	Accumlator	DS
ID5-1-17	Compressor	DS
ID5-1-18	Motor	DS
ID5-1-19	Cooler	DS
ID5-1-20	Oil separator	DS
ID5-1-21	Cooler	DS
ID5-1-22	Oil separator	DS
ID5-1-23	Cooler	DS
ID5-1-24	Oil separator	DS
ID5-1-25	Gas drier	DS
ID5-1- 26	Gas drier	DS
ID5-1-27	Gas drier	DS
ID5-1-28	Gas drier	DS
ID5-1-29	Gas drier	DS
ID5-1-30	Oil collector	DS

Inventory No.	Name of Equipment	Status
ID5-1-31	Collecting tank	DS
ID5-1-32	Gas heater	DS
ID5-1-33	Heat exchanger	DS
ID5-1-34	Gas meter	DS
ID5-1-35	Gas meter	DS
ID5-1-36	Collecting tank	AU,RCA
ID5-1-37	Tank	AU,RCA
ID5-1-38	Separating tank	DS
ID5-1-39	Cooler	DS
ID5-1-40	Condenser	DS
ID5-1-41	Tank	AU,RCA
ID5-1-42	Reservoir	DS
ID5-1-43	Reservoir	DS
ID5-1-44	Reservoir	DS
ID5-1-45	Reservoir	DS
ID5-1-46	Reservoir	DS
ID5-1-47	Reservoir	DS
ID5-1-48	Rotary compressor	DS
ID5-1-49	Oil separator	DS
ID5-1-50	Gas holder	DS
ID5-1-51	Gas holder	AU,RCA
ID5-1-52	Tank	DS

Inventory No.	Name of Equipment	Status
ID5-1-53	Gas holder	AU,RCA
ID5-1-54	Gas holder	DS
ID5-1-55	Washer	DS
ID5-1-56	Vaporizer	DS
ID6-1	Distillator	DS
ID6-1-1	Condenser	DS
ID6-1-2	Washing tower	DS
ID6-1-3	Washing tower	DS
ID6-1-4	Washing tower	DS
ID6-1-5	Drying tower	DS
ID6-1-6	Drying tower	DS
ID6-1-7	Condenser	AU,RCA
ID6-1-8	Cooler	AU,RCA
ID6-1-9	Tank	DS
ID6-1-10	Worthington pump	DS
ID6-1-11	Centrifugal pump	DS
ID6-1-12	Centrifugal pump	AU,RCA
ID6-1-13	Motor	AU
ID6-1-14	Centrifugal pump	AU
ID6-1-15	Centrifugal pump	AU,RCA
ID6-1-16	Centrifugal pump	AU,RCA
ID6-1-17	Motor	AU

Inventory No.	Name of Equipment	Status
ID6-2	Distillator	DS
ID6-2-1	Condenser	DS
ID6-2-2	Washing tower	DS
ID6-2-3	Washing tower	DS
ID6-2-4	Drying tower	DS
ID6-2-5	Drying tower	DS
ID6-2-6	Condenser	DS
ID6-2-7	Cooler	DS
ID6-2-8	Turbine pump	AU,RCA
ID6-3	Distillator	DS
ID6-3-1	Condenser	DS
ID6-3-2	Condenser	DS
ID6-3-3	Condenser	DS
ID6-3-4	Centrifugal pump	AU,RCA
ID6-3-5	Centrifugal pump	DS
ID7-1	Purifier	RMS
ID7-1-1	Drying tower	RMS
ID7-1-2	Condenser	DS
ID7-1-3	Condenser	DS
ID7-1-4	Turbine pump	DS
ID7-1-5	Separator	AU
ID7-1-6	Motor	AU,RCA

Inventory No.	Name of Equipment	Status
ID7-2	Purifier	RMS
ID7-2-1	Condenser	DS
ID7-2-2	Cooler	DS
ID7-3	Purifier	RMS
ID7-3-1	Drying tower	DS
ID7-3-2	Condenser	DS
ID7-3-3	Cooler	DS
ID7-3-4	Gas holder	AU
ID7-4	Purifier	RMS
ID7-5	Purifier	RMS
ID7-6	Purifier	DS
ID7-6-1	Separating tower	DS
ID7-6-2	Reaction kettle	DS
ID7-6-3	Cooler	AU,RCA
ID7-6-4	Cooler	AU,RCA
ID7-6-5	Cooler	DS
ID7-6-6	Tank	AU
ID7-6-7	Tank	AU
ID8-1	Reservoir	DS
ID8-1-1	Worthington pump	DS
ID8-2	Reservoir	DS
ID8-3	Reservoir	DS

Inventory No.	Name of Equipment	Status
ID8-4	Reservoir	DS
ID8-5	Reservoir	AU, RCA
ID8-6	Reservoir	DS
ID8-7	Reservoir	AU, RCA
ID8-8	Reservoir	AU, RCA
ID8-9	Reservoir	AU, RCA
ID8-10	Reservoir	DS
ID8-11	Reservoir	DS
ID8-12	Reservoir	DS
ID8-13	Reservoir	DS
ID8-14	Reservoir	DS
ID8-15	Reservoir	DS
ID8-16	Reservoir	DS
ID8-17	Reservoir	DS
ID8-18	Reservoir	DS
ID8-19	Reservoir	DS
ID8-20	Reservoir	DS
ID8-21	Reservoir	DS
ID8-22	Reservoir	DS
IE1-3	Ethylene generator	AU
IE1-3-1	Tank	DS
IE1-3-2	Worthington pump	AU

Inventory No.	Name of Equipment	Status
IE1-3-3	Worthington pump	DS
IE1-3-4	Tank	AU
IE1-3-5	Evaporator	AU
IE1-3-6	Condenser	AU
IE1-3-7	Condenser	AU
IE1-3-8	Condenser	DS
IE1-3-9	Receiver	AU
IE1-3-10	Water seal	AU
IE1-3-11	Chimney	AU
IE1-3-12	Gas holder	DS
IE1-3-13	Gas holder	AU,RCA
IE1-3-14	Gas holder	AU
IE1-3-15	Reaction kettle	RMS
IE1-3-16	Reaction kettle	RMS
IE1-3-17	Reaction kettle	RMS
IE1-3-18	Reaction kettle	RMS
IE1-3-19	Reaction kettle	RMS
IE1-3-20	Reaction kettle	RMS
IE1-4	Ethylene generator	DS
IE1-5	Ethylene generator	AU
IE1-5-1	Evaporator	AU
IE1-6	Reaction kettle	DS

Inventory No.	Name of equipment	Status
IE1-6-1	Inner cylinder	DS
IE1-7	Reaction kettle	DS
IE1-7-1	Inner cylinder	DS
IE1-8	Reaction kettle	DS
IE1-8-1	Inner cylinder	DS
IE2-3	Reaction tower	AU
IE2-3-1	Motor	DS
IE2-3-2	Acid egg	AU,RCA
IE2-3-3	Tank	AU
IE2-3-4	Nash pump	DS
IE2-3-5	Motor	AU
IE2-3-6	Separator	AU,RCA
IE2-3-7	Accumlator	AU
IE2-3-8	Nash pump	AU,RCA
IE2-3-9	Motor	AU
IE2-3-10	Accumlator	AU
IE2-3-11	Centrifugal pump	AU
IE2-3-12	Motor	AU
IE2-3-13	Compressor	DS
IE2-3-14	Agitator	AU,RCA
IE2-3-15	Agitator	DS
IE2-3-16	Agitator	DS

Inventory No.	Name of Equipment	Status
IE2-3-17	Agitator	DS
IE2-3-18	Tub	AU,RCA
IE2-3-19	Tub	AU,RCA
IE2-4	Reaction tower	AU
IE2-4-1	Motor	DS
IE2-4-2	Rotary pump	DS
IE2-4-3	Motor	DS
IE2-4-4	Separator	AU,RCA
IE2-4-5	Tub	AU,RCA
IE2-4-6	Tank	AU
IE2-4-7	Nash pump	AU,RCA
IE2-4-8	Motor	AU
IE2-4-9	Tank	AU
IE2-5	Reaction tower	DS
IE2-5-1	Motor	AU
IE2-5-2	Centrifugal pump	AU
IE2-5-3	Tank	RMS
IE2-5-4	Tank	AU
IE2-5-5	Turbine pump	AU
IE2-5-6	Motor	AU
IE2-5-7	Absorbing tower	RMS
IE2-5-8	Reservoir	AU

Inventory No.	Name of Equipment	Status
IE2-5-9	Reservoir	AU
IE2-5-10	Motor	AU
IE2-5-11	Centrifugal pump	DS
IE2-5-12	Motor	AU
IE2-5-13	Centrifugal pump	AU
IE2-5-14	Motor	AU
IE2-5-15	Tank	AU, RCA
IE2-5-16	Cooling tower	DS
IE2-5-17	Cooling tower	DS
IE2-5-18	Cooling tower	DS
IE2-5-19	Cooling tower	DS
IE2-5-20	Cooling tower	DS
IE2-5-21	Cooling tower	DS
IE2-5-22	Cooling tower	DS
IE2-5-23	Cooling tower	DS
IE2-5-24	Cooling tower	DS
IE2-5-25	Cooling tower	DS
IE2-5-26	Centrifugal pump	DS
IE2-5-27	Centrifugal pump	DS
IE2-5-28	Centrifugal pump	DS
IE2-5-29	Centrifugal pump	DS
IE2-5-30	Planger pump	RMS

Inventory No.	Name of Equipment	Status
IE2-6	Reaction tower	DS
IE2-6-1	Centrifugal pump	DS
IE2-6-2	Motor	AU,RCA
IE2-6-3	Tank	RMS
IE2-7	Reaction tower	DS
IE2-7-1	Centrifugal pump	AU
IE2-7-2	Motor	AU
IE2-8	Reaction tower	DS
IE2-8-1	Centrifugal pump	AU
IE2-8-2	Motor	AU
IE2-8-3	Tank	DS
IE2-8-4	Origin pump	DS
IE2-8-5	Motor	AU,RCA
IE2-8-6	Accumulator	DS
IE2-8-7	Origin pump	DS
IE2-8-8	Compressor	AU
IE2-8-9	Motor	AU
IE2-8-10	Tank	AU
IE2-8-11	Motor	DS
IE2-8-12	Separator	DS
IE2-8-13	Cooler	DS
IE2-8-14	Tank	DS

Inventory No.	Name of Equipment	Status
IE3-7	Generator	AU
IE3-7-1	Acid egg	AU
IE3-7-2	Tank	DS
IE3-7-3	Acid egg	DS
IE3-7-4	Reservoir	AU
IE3-7-5	Turbine pump	AU
IE3-7-6	Motor	AU
IE3-7-7	Condenser	AU
IE3-7-8	Tank	AU
IE3-7-9	Condenser	AU
IE3-7-10	Condenser	AU
IE3-7-11	Tank	AU
IE3-7-12	Receiver	DS
IE3-7-13	Receiver	DS
IE3-7-14	Reaction kettle	RMS
IE3-8	Reaction kettle	DS
IE3-8-1	Tank	AU,RCA
IE3-8-2	Tank	DS
IE3-8-3	Motor	AU,RCA
IE3-8-4	Wooden tub	AU,RCA
IE3-8-5	Wooden tub	AU,RCA
IE3-8-6	Wooden tub	AU,RCA

Inventory No.	Name of Equipment	Status
IE3-8-7	Wooden tub	AU,RCA
IE3-8-8	Wooden tub	AU,RCA
IE3-8-9	Condenser	DS
IE3-8-10	Separator	DS
IE3-8-11	Tank	AU
IE3-8-12	Tank	AU
IE3-8-13	Tank	DS
IE3-8-14	Condenser	DS
IE3-8-15	Condenser	DS
IE3-8-16	Tank	DS
IE3-8-17	Tank	DS
IE3-8-18	Tank	DS
IE3-8-19	Tank	DS
IE3-8-20	Condenser	DS
IE3-8-21	Condenser	DS
IE3-8-22	Compressor	DS
IE3-8-23	Motor	AU,RCA
IE3-8-24	Shafting	DS
IE3-9	Reaction kettle	DS
IE3-9-1	Rectifier	DS
IE3-9-2	Tank	DS
IE3-9-3	Tank	DS

Inventory No.	Name of Equipment	Status
IE3-10	Reaction kettle	DS
IE3-10-1	Condenser	DS
IE3-10-2	Condenser	DS
IE3-10-3	Tank	DS
IE3-10-4	Tank	DS
IE3-10-5	Tank	DS
IE3-10-6	Accumlator	AU
IE3-10-7	Accumlator	AU
IE3-10-8	Accumlator	AU
IE3-10-9	Separator	AU
IE3-10-10	Condenser	DS
IE3-11	Reaction kettle	DS
IE3-11-1	Tank	DS
IE3-11-2	Condenser	DS
IE3-11-3	Accumlator	DS
IE3-11-4	Accumlator	DS
IE3-11-5	Accumlator	DS
IE3-11-6	Separator	DS
IE3-11-7	Condenser	DS
IE3-12	Reaction kettle	DS
IE3-12-1	Condenser	DS
IE4-5	Gas generator	AU

Inventory No.	Name of Equipment	Status
IE4-5B	Shafting	DS
IE4-5-1	Tank	DS
IE4-5-2	Tank	DS
IE4-5-3	Acid egg	AU,RCA
IE4-5-4	Tank	AU,RCA
IE4-5-5	Condenser	DS
IE4-5-6	Tank	AU
IE4-5-7	Blower	DS
IE4-5-8	Motor	AU
IE4-5-9	Blower tube	DS
IE4-5-10	Ventilator	DS
IE4-6	Gas generator	DS
IE4-6-1	Tank	DS
IE4-6-2	Condenser	DS
IE4-6-3	Tank	AU
IE4-7	Gas generator	DS
IE4-7-1	Tank	DS
IE4-7-2	Condenser	DS
IE4-7-3	Condenser	DS
IE4-7-4	Receiver	AU,RCA
IE5-3	Reaction kettle	AU
IE5-3-1	Tank	AU

Inventory No.	Name of Equipment	Status
IE5-3-2	Motor	AU
IE5-3-3	Wooden tub	DS
IE5-3-4	Centrifugal pump	DS
IE5-3-5	Motor	AU
IE5-3-6	Tub	AU,RCA
IE5-3-7	Centrifugal pump	DS
IE5-3-8	Motor	AU
IE5-3-9	Centrifugal pump	DS
IE5-4	Reaction kettle	AU
IE5-4-1	Tank	AU
IE5-4-2	Motor	AU
IE5-4-3	Wooden tub	AU,RCA
IE6-3	Vacuum distillator	AU
IE6-3-1	Tank	AU
IE6-3-2	Tank	AU
IE6-3-3	Tank	AU
IE6-3-4	Filter vessel	AU,RCA
IE6-3-5	Filter vessel	DS
IE6-3-6	Separator	AU
IE6-3-7	Vacuum pump	AU,RCA
IE6-3-8	Motor	AU
IE6-3-9	Vacuum pump	AU

Inventory No.	Name of Equipment	Status
IE6-3-10	Motor	AU, RCA
IE6-3-11	Vacuum pump	AU, RCA
IE6-3-12	Tank	AU
IE6-3-13	Tank	AU
IE6-3-14	Condenser	AU
IE6-3-15	Tank	AU
IE6-3-16	Tank	AU
IE6-3-17	Tank	AU
IE6-3-18	Guage board	AU
IE6-4	Vacuum distillator	AU
IE6-4-1	Tank	AU
IE6-4-2	Tank	AU
IE6-4-3	Separator	AU
IE6-4-4	Vacuum pump	AU
IE6-4-5	Motor	AU
IE6-4-6	Tank	AU
IE6-4-7	Tank	AU
IE6-4-8	Condenser	AU
IE6-4-9	Tank	AU
IE6-4-10	Tank	AU
IE6-4-11	Tank	AU
IE7-7	Electric furnace	DS

Inventory No.	Name of Equipment	Status
IE7-7-1	Tank	AU
IE7-7-2	Heat exchanger	DS
IE7-7-3	Condenser	DS
IE7-7-4	Receiver	AU
IE7-7-5	Head tank	DS
IE7-7-6	Blower	DS
IE7-7-7	Tank	DS
IE7-7-8	Compressor	AU,RCA
IE7-7-9	Motor	AU,RCA
IE7-8	Electric furnace	DS
IE7-8-1	Tank	DS
IE7-8-2	Condenser	DS
IE7-8-3	Receiver	AU
IE7-8-4	Head tank	AU
IE7-9	Electric furnace	RMS
IE7-9-1	Separator	AU
IE7-10	Dehydrator	DS
IE7-10-1	Filter vessel	DS
IE7-10-2	Reservoir	AU,RCA
IE7-10-3	Tank	AU,RCA
IE7-10-4	Chimney	RMS
IE7-10-5	Gas water seal	DS

Inventory No.	Name of Equipment	Status
IE7-10-6	Gas water seal	AU, RCA
IE7-10-7	Condenser	DS
IE7-10-8	Receiver	AU
IE7-10-9	Acid egg	AU, RCA
IE7-10-10	Tank	DS
IE7-10-11	Centrifugal pump	DS
IE7-10-12	Motor	AU, RCA
IE7-11	Dehydrator	DS
IE7-11-1	Condenser	DS
IE7-11-2	Receiver	AU
IE7-12	Dehydrator	DS
IE7-12-1	Tank	AU, RCA
IE7-12-2	Tank	DS
IE7-12-3	Chimney	DS
IE7-12-4	Gas water seal	DS
IE7-12-5	Condenser	DS
IE7-12-6	Receiver	DS
IE7-12-7	Receiver	DS
IE7-12-8	Blower	DS
IE7-13	Dehydrator	DS
IE7-13-1	Condenser	DS
IE7-13-2	Condenser	DS

Inventory No.	Name of Equipment	Status
IE7-13-3	Receiver	AU,RCA
IE7-14	Dehydrating kettle	DS
IE7-15	Dehydrating kettle	DS
IE7-16	Dehydrating kettle	DS
IE7-17	Dehydrating kettle	DS
IE8-3	Distillating tower	AU
IE8-3-1	Condenser	AU
IE8-3-2	Tank	AU
IE8-3-3	Tank	AU
IE8-3-4	Centrifugal pump	AU
IE8-3-5	Motor	AU
IE8-3-6	Distillating kettle	AU,RCA
IE8-3-7	Jacket	DS
IE8-3-8	Receiver	DS
IE8-4	Still	AU
IE8-4-1	Separator	AU
IE8-4-2	Condenser	DS
IE8-4-3	Tank	AU
IE8-4-4	Tank	AU
IF1-10	Autoclave	DS
IF1-10-1	Reservoir	DS
IF1-10-2	Reservoir	DS

Inventory No.	Name of Equipment	Status
IF1-10-3	Tank	DS
IF1-10-4	Reservoir	DS
IF1-10-5	Tank	AU,RCA
IF1-10-6	Tank	AU,RCA
IF1-10-7	Motor	AU,RCA
IF1-10-8	Separator	DS
IF1-10-9	Vacuum pump	AU,RCA
IF1-10-10	Motor	AU,RCA
IF1-10-11	Tank	AU,RCA
IF1-10-12	Tank	AU,RCA
IF1-10-13	Centrifugal pump	DS
IF1-10-14	Motor	AU,RCA
IF1-10-15	Tank	AU,RCA
IF1-10-16	Motor	AU,RCA
IF1-10-17	Wooden tub	AU,RCA
IF1-10-18	Wooden tub	AU,RCA
IF1-10-19	Wooden tub	AU,RCA
IF1-10-20	Tank	DS
IF1-10-21	Tank	DS
IF1-10-22	Worthington pump	DS
IF1-10-23	Reservoir	AU,RCA
IF1-11	Autoclave	AU,RCA

Inventory No.	Name of Equipment	Status
IF1-11-1	Reservoir	DS
IF1-11-2	Reservoir	DS
IF1-11-3	Reservoir	DS
IF1-11-4	Reservoir	DS
IF1-11-5	Tank	AU,RCA
IF1-11-6	Speed variable machine	DS
IF1-12	Autoclave	AU,RCA
IF1-12-1	Speed variable machine	DS
IF1-12-2	Motor	DS
IF1-13	Autoclave	AU,RCA
IF1-13-1	Speed variable machine	DS
IF1-14	Autoclave	AU,RCA
IF1-15	Autoclave	AU,RCA
IF2-5-1	Motor	AU,RCA
IF2-5-2	Tub	AU,RCA
IF2-5-3	Tub	AU,RCA
IF2-5-4	Tank	DS
IF2-5-5	Separator	AU,RCA
IF2-5-6	Motor	AU,RCA
IF4-9	Drier	AU
IF4-9-1	Fun	AU,RCA
IF4-9-2	Motor	AU,RCA

Inventory No.	Name of Equipment	Status
IF4-9-3	Blower	AU, RCA
IF4-9-4	Motor	AU, RCA
IF4-9-5	Fun	AU, RCA
IF4-10	Drier	AU
IF4-10-1	Fun	AU, RCA
IF4-10-2	Motor	AU, RCA
II1-9	Ammonia compressor	DS
II1-9-1	Motor	DS
II1-9-2	Condenser	DS
II1-9-3	Tank	DS
II1-9-4	Cooler	DS
II1-9-5	Tank	DS
II1-9-6	Turbine pump	DS
II1-9-7	Motor	AU, RCA
II1-9-8	Turbine pump	AU
II1-9-9	Motor	AU
II1-9-10	Accumlator	DS
II1-9-11	Accumlator	DS
II1-9-12	Switch board	DS
II1-9-13	Starting rheostat	DS
II1-10	Ammonia compressor	DS
II1-10-1	Motor	DS

Inventory No.	Name of Equipment	Status
III-10-2	Starting rheostat	DS
III-11	Ammonia compressor	AU,RCA
III-11-1	Motor	AU,RCA
III-11-2	Condenser	AU,RCA
III-11-3	Cooler	AU,RCA
III-11-4	Tank	AU,RCA
III-11-5	Tank	RMS
III-11-6	Tank	RMS
III-11-7	Turbine pump	DS
III-11-8	Motor	DS
III-11-9	Switch & Starting rheostat	AU,RCA
III-12	Ammonia compressor	DS
III-12-1	Motor	AU,RCA
III-13	Ammonia compressor	DS
III-13-1	Motor	DS
III-13-2	Tank	DS
III-13-3	Turbine pump	AU,RCA
III-13-4	Cooler	DS
III-13-5	Condenser	RMS
III-13-6	Reservoir	DS
III-14	Ammonia compressor	AU,RCA
III-14-1	Motor	AU,RCA

Inventory No.	Name of Equipment	Status
III-14-2	Oil separator	AU,RCA
III-14-3	Oil separator	AU,RCA
III-14-4	Condenser	AU,RCA
III-14-5	Condenser	AU,RCA
III-14-6	Receiver	AU,RCA
III-14-7	Cooler	AU,RCA
III-14-8	Cooler	AU,RCA
III-14-9	Tank	DS
III-14-10	Tank	DS
III-14-11	Turbine pump	AU
III-14-12	Motor	AU,RCA
III-14-13	Turbine pump	AU
III-14-14	Motor	AU,RCA
III-14-15	Turbine pump	AU
III-14-16	Motor	AU
III-14-17	Turbine pump	DS
III-14-18	Motor	AU,RCA
III-14-19	Turbine pump	AU,RCA
III-14-20	Guage board	AU,RCA
III-14-21	Accumlator	AU,RCA
III-14-22	Accumlator	DS
III-14-23	Accumlator	DS

Inventory No.	Name of Equipment	Status
III-14-24	Switch	AU, RCA
III-14-25	Tank	DS
III-15	Ammonia compressor	AU
III-15-1	Motor	AU
III-15-2	Oil separator	AU
III-15-3	Oil separator	AU
III-15-4	Condenser	AU
III-15-5	Receiver	AU
III-15-6	Cooler	AU
III-15-7	Tank	AU
III-15-8	Brine pump	AU
III-15-9	Motor	AU
III-15-10	Turbine pump	AU
III-15-11	Motor	AU
III-15-12	Turbine pump	DS
III-15-13	Oil separator	AU
III-15-14	Switch	AU, RCA
III-16	Ammonia compressor	AU
III-16-1	Motor	AU
III-16-2	Switch	AU
III-17	Ammonia compressor	AU, RCA
III-17-1	Motor	DS

Inventory No.	Name of Equipment	Status
III-17-2	Oil separator	AU,RCA
III-17-3	Oil separator	AU,RCA
III-17-4	Expansion coil	AU,RCA
III-17-5	Condenser	AU,RCA
III-17-6	Receiver	AU,RCA
III-17-7	Cooler	DS
III-17-8	Tank	DS
III-17-9	Turbine pump	DS
III-17-10	Motor	AU,RCA
III-17-11	Accumlator	DS
III-17-12	Switch	AU,RCA
III-18	Ammonia compressor	AU
III-18-1	Motor	AU
III-18-2	Inter cooler	AU
III-18-3	Receiver	AU
III-18-4	Condenser	AU
III-18-5	Expansion coil	AU
III-18-6	Oil separator	AU
III-18-7	Oil separator	AU
III-18-8	Guage board	AU
II2-6	Compressor	AU,RCA
II2-6-1	Motor	AU,RCA

Inventory No.	Name of Equipment	Status
II2-6-2	Accumulator	AU, RCA
II2-6-3	Separator	AU, RCA
II2-7	Compressor	AU, RCA
II2-7-1A	Motor	AU, RCA
II2-7-1B	Starter	AU, RCA
II2-7-1C	Switch	AU, RCA
II2-7-2	Accumulator	AU, RCA
(3 tons)	Piping	DS
II3-7	Turbine pump	AU, RCA
II3-7-1	Motor	AU, RCA
II3-8	Turbine pump	AU, RCA
II3-8-1	Motor	AU, RCA
II3-9	Turbine pump	AU, RCA
II3-9-1	Motor	AU, RCA
II3-10	Turbine pump	AU, RCA
II3-10-1	Motor	AU, RCA
II3-11	Turbine pump	AU
II3-11-1	Motor	AU
II3-12	Turbine pump	AU
II3-12-1	Motor	AU
II3-12-2	Cooling tower	AU
II3-12-3	Cooling tower	AU

Inventory No.	Name of Equipment	Status
II3-12-4	Head tank	AU
II3-13	Turbine pump	DS
II3-13-1	Motor	DS
II5-1	Tem. regulator	DS
II5-2	Tem. regulator	DS
II5-3	Tem. regulator	DS
II5-4	Tem. regulator	DS
II5-5	Tem. regulator	DS
II5-6	Tem. regulator	DS
II5-7	Thermo meter	DS
II5-8	Thermo couple	AU
II5-9	Thermo couple	AU
II5-10	Thermo couple	DS
II5-11	Thermo couple	AU
II5-12	Thermo couple	DS
(13 tons)	Piping	AU
III2-4	Transformer	AU
III2-5	Transformer	AU
III2-6	Transformer	AU
III2-7	Transformer	AU, RCA
III2-8	Transformer	AU, RCA
III2-9	Transformer	AU

Inventory No.	Name of Equipment	Status
(15 tons)	Outdoor piping	AU
III3-7	Switch board	AU
III3-8	Switch board	AU
III3-9	Switch board	AU
III3-10	Switch board	AU
III3-11	Switch board	AU
III3-12	Switch board	AU
III3-13	Switch board	AU
III3-14	Switch board	AU
III3-15	Switch board	AU
III3-16	Switch board	AU
III3-17	Switch board	AU
III3-18	Switch board	AU
III3-19	Switch board	AU
III3-20	Switch board	AU
III3-21	Switch board	AU
III4-1	Pole switch	AU
III4-2	Pole switch	AU
III4-3	Pole switch	AU
III4-4	Pole switch	AU
III4-5	Pole switch	AU
III4-6	Pole switch	AU

Inventory No.	Name of Equipment	Status
III4-7	Pole switch	AU
III4-8	Pole switch	AU
III4-9	Pole switch	AU
III4-10	Pole switch	AU
III4-11	Pole switch	AU

Plant Accountability

Name of Plant Nipponkasei Chemical Industries Limited, Kurosaki Factory, Synthetic Rubber Plant

Code No. 07-50

Location 2447-1 Gotanshinkai, Fujita, Yahata-shi, Fukuoka-ken

Reporter Shukichi Shibata Date 25 November 1950

EX-Equipment:

Inventory No.	Name of Equipment	Status
V-1-1 EX	Reaction kettle	EX
V-1-2 EX	Reaction kettle	EX
V-1-3 EX	Reaction kettle	EX
V-1-5 EX	Acid egg	EX
V-1-6 EX	Acid egg	EX
V-1-7 EX	Acid egg	EX
V-1-8 EX	Acid egg	EX
V-1-9 EX	Measuring tank	EX
V-1-10 EX	Measuring tank	EX
V-1-11 EX	Measuring tank	EX
V-1-12 EX	Measuring tank	EX
V-1-13 EX	Cooler	EX
V-1-14 EX	Cooler	EX
V-1-15 EX	Cooler	EX

Inventory No.	Name of Equipment	Status
V-1-16 EX	Cooler	EX
V-1-19 EX	Cooler	EX
V-1-23 EX	Measuring tank	EX
V-1-24 EX	Still	EX
V-1-25 EX	Still	EX
V-1-26 EX	Cooler	EX
V-1-27 EX	Cooler	EX
V-1-28 EX	Acid egg	EX
V-1-29 EX	Acid egg	EX
V-1-30 EX	Extractor	EX
V-1-31 EX	Extractor	EX
V-1-33 EX	Acid egg	EX
V-1-34 EX	Tank	EX
V-1-35 EX	Tank	EX
V-1-36 EX	Filter	EX
V-1-37 EX	Filter	EX
V-1-38 EX	Filter	EX
V-1-39 EX	Filter	EX
V-1-40 EX	Filter	EX
V-1-41 EX	Filter	EX
V-1-42 EX	Acid egg	EX
V-1-43 EX	Acid egg	EX

Inventory No.	Name of Equipment	Status
V-1-46 EX	Acid egg	EX
V-1-47 EX	Acid egg	EX
V-1-48 EX	Crystallization tank	EX
V-1-49 EX	Crystallization tank	EX
V-1-50 EX	Crystallization tank	EX
V-1-51 EX	Crystallization tank	EX
V-1-52 EX	Crystallization tank	EX
V-1-53 EX	Crystallization tank	EX
V-1-54 EX	Crystallization tank	EX
V-1-55 EX	Crystallization tank	EX
V-1-56 EX	Crystallization tank	EX
V-1-57 EX	Crystallization tank	EX
V-1-58 EX	Acid egg	EX
V-1-59 EX	Acid egg	EX
V-1-60 EX	Acid egg	EX
V-1-61 EX	Acid egg	EX
V-1-62 EX	Tank	EX
V-1-63 EX	Tank	EX
V-1-64 EX	Filter	EX
V-1-65 EX	Filter	EX
V-1-66 EX	Filter	EX
V-1-67 EX	Filter	EX

Inventory No.	Name of Equipment	Status
V-1-68 EX	Acid egg	EX
V-1-69 EX	Acid egg	EX
V-1-70 EX	Acid egg	EX
V-1-75 EX	Reaction kettle	EX
V-1-76 EX	Still	EX
V-1-77 EX	Tank	EX
V-1-78 EX	Acid egg	EX
V-1-79 EX	Tank	EX
V-1-80 EX	Tank	EX
V-1-81 EX	Measuring tank	EX
V-1-82 EX	Measuring tank	EX
V-1-83 EX	Measuring tank	EX
V-1-84 EX	Tank	EX
V-1-86 EX	Acid egg	EX
V-1-89 EX	Pump	EX
V-1-91 EX	Pump	EX
V-1-96 EX	Electric motor	EX
V-1-97 EX	Electric motor	EX
V-1-98 EX	Electric motor	EX
V-1-99 EX	Electric motor	EX
V-1-100 EX	Electric motor	EX
V-1-102 EX	Electric motor	EX

Inventory No.	Name of Equipment	Status
V-1-106 EX	Electric motor	EX
V-1-107 EX	Electric motor	EX
V-1-108 EX	Electric motor	EX
V-1-109 EX	Electric motor	EX
V-1-110 EX	Pump	EX
V-1-111 EX	Thermocouple	EX
V-1-112 EX	Thermocouple	EX
V-1-113 EX	Dryer	EX
V-1-114 EX	Platform scale	EX
V-1-115 EX	Platform scale	EX
V-1-116 EX	Steelyard	EX
V-1-117 EX	Balance	EX
V-1-118 EX	Spring balance	EX
V-1-119 EX	Cart	EX
V-1-120 EX	Cart	EX
V-1-121 EX	Cart	EX
V-1-122 EX	Hoist	EX
V-1-126 EX	Piping	EX
V-1-127 EX	Ball mill	EX
V-1-128 EX	Shafting	EX
V-1-129 EX	Electric motor	EX
V-1-130 EX	Electric motor	EX

Inventory No.	Name of Equipment	Status
V-1-131 EX	Crusher	EX
V-1-132 EX	Filter	EX
V-1-134 EX	Acid egg	EX
V-1-135 EX	Acid egg	EX
V-1-136 EX	Tank	EX
V-1-137 EX	Tank	EX
V-1-138 EX	Measuring tank	EX
V-1-139 EX	Measuring tank	EX
V-1-141 EX	Measuring tank	EX
V-1-142 EX	Electric motor	EX
V-1-143 EX	Electric motor	EX
V-1-144 EX	Electric motor	EX
V-1-145 EX	Electric motor	EX
V-1-146 EX	Neutralization kettle	EX
V-1-147 EX	Neutralization kettle	EX
V-1-148 EX	Stand	EX
V-1-149 EX	Stand	EX
V-1-150 EX	Shafting	EX
V-1-151 EX	Electric motor	EX
V-1-152 EX	Electric motor	EX
V-1-153 EX	Pump	EX
V-1-154 EX	Pump	EX

Inventory No.	Name of Equipment	Status
V-1-155 EX	Shafting	EX
V-1-156 EX	Electric motor	EX
V-1-157 EX	Electric motor	EX
V-1-158 EX	Electric motor	EX
V-1-159 EX	Electric motor	EX
V-1-160 EX	Electric motor	EX
V-1-161 EX	Filtrate tank	EX
V-1-162 EX	Filtrate tank	EX
V-1-163 EX	Pump	EX
V-1-164 EX	Pump	EX
V-1-165 EX	Washing tank	EX
V-1-166 EX	Evaporator	EX
V-1-167 EX	Evaporator	EX
V-1-168 EX	Evaporator	EX
V-1-169 EX	Evaporator	EX
V-1-170 EX	Evaporator	EX
V-1-171 EX	Evaporator	EX
V-1-172 EX	Chimney	EX
V-1-173 EX	Chimney	EX
V-1-174 EX	Chimney	EX
V-1-175 EX	Chimney	EX
V-1-176 EX	Chimney	EX

Inventory No.	Name of Equipment	Status
V-1-177 EX	Chimney	EX
V-1-178 EX	Crystallization tank	EX
V-1-179 EX	Crystallization tank	EX
V-1-180 EX	Crystallization tank	EX
V-1-181 EX	Crystallization tank	EX
V-1-182 EX	Crystallization tank	EX
V-1-183 EX	Crystallization tank	EX
V-1-184 EX	Centrifugal dehydrator	EX
V-1-185 EX	Centrifugal dehydrator	EX
V-1-186 EX	Electric motor	EX
V-1-187 EX	Electric motor	EX
V-1-189 EX	Crystallization kettle	EX
V-1-190 EX	Stand	EX
V-1-191 EX	Shafting	EX
V-1-192 EX	Centrifugal dehydrator	EX
V-1-193 EX	Electric motor	EX
V-1-194 EX	Vacuum filter	EX
V-1-196 EX	Water separator	EX
V-1-198 EX	Filter press	EX
V-1-200 EX	Electric motor	EX
V-1-202 EX	Wind pipe	EX
V-1-206 EX	Enamelled tank	EX

Inventory No.	Name of Equipment	Status
V-1-217 EX	Plates & frame for filter	EX
V-1-218 EX	Electric hoist	EX
V-1-219 EX	Charging apparatus	EX
V-1-220 EX	Charging apparatus	EX
V-1-221 EX	Stand	EX
V-1-222 EX	Stand	EX
V-1-223 EX	Esterification kettle	EX
V-1-224 EX	Reaction kettle	EX
V-1-225 EX	Condenser	EX
V-1-226 EX	Shafting	EX
V-1-232 EX	Furnance	EX
V-1-233 EX	Coal sender	EX
V-1-234 EX	Coal sender	EX
V-1-235 EX	Coal sender	EX
V-1-236 EX	Coal sender	EX
V-1-237 EX	Coal sender	EX
V-1-238 EX	Coal sender	EX
V-1-240 EX	Piping	EX
V-1-276 EX	Tank	EX
V-1-277 EX	Cooler	EX
V-1-280 EX	Wooden tub	EX
V-1-287 EX	Electric motor	EX

Inventory No.	Name of Equipment	Status
V-1-288 EX	Platform scale	EX
V-1-289 EX	Steam trap	EX
V-1-290 EX	Steam trap	EX
V-1-291 EX	Steam trap	EX
V-1-292 EX	Steam trap	EX
V-1-293 EX	Steam trap	EX
V-1-294 EX	Steam trap	EX
V-1-295 EX	Steam trap	EX
V-1-296 EX	Steam trap	EX
V-1-297 EX	Steam trap	EX
V-1-298 EX	Steam trap	EX
V-1-301 EX	Electric motor	EX
V-1-302 EX	Electric motor	EX
V-1-303 EX	Electric motor	EX
V-1-304 EX	Electric motor	EX
V-1-305 EX	Electric motor	EX
V-1-306 EX	Electric motor	EX
V-1-307 EX	Electric motor	EX
V-1-308 EX	Electric motor	EX
V-1-309 EX	Electric motor	EX
V-1-310 EX	Electric motor	EX
V-1-311 EX	Electric motor	EX

Inventory No.	Name of Equipment	Status
V-1-312 EX	Electric motor	EX
V-1-313 EX	Reaction kettle	EX
V-1-314 EX	Reaction kettle	EX
V-1-315 EX	Reaction kettle	EX
V-1-316 EX	Reaction kettle	EX
V-1-317 EX	Reaction kettle	EX
V-1-318 EX	Reaction kettle	EX
V-1-319 EX	Reaction kettle	EX
V-1-320 EX	Reaction kettle	EX
V-1-321 EX	Reaction kettle	EX
V-1-322 EX	Reaction kettle	EX
V-1-324 EX	Reaction kettle	EX
V-1-325 EX	Reaction kettle	EX
V-1-326 EX	Reaction kettle	EX
V-1-327 EX	Reaction kettle	EX
V-1-328 EX	Reaction kettle	EX
V-1-329 EX	Still	EX
V-1-330 EX	Still	EX
V-1-331 EX	Still	EX
V-1-332 EX	Still	EX
V-1-333 EX	Still	EX
V-1-334 EX	Still	EX

Inventory No.	Name of Equipment	Status
V-1-335 EX	Still	EX
V-1-336 EX	Still	EX
V-1-337 EX	Still	EX
V-1-338 EX	Still	EX
V-1-339 EX	Still	EX
V-1-340 EX	Still	EX
V-1-341 EX	Still	EX
V-1-342 EX	Still	EX
V-1-343 EX	Still	EX
V-1-344 EX	Still	EX
V-1-345 EX	Still	EX
V-1-346 EX	Condenser	EX
V-1-347 EX	Condenser	EX
V-1-348 EX	Condenser	EX
V-1-349 EX	Condenser	EX
V-1-350 EX	Condenser	EX
V-1-351 EX	Condenser	EX
V-1-352 EX	Condenser	EX
V-1-353 EX	Condenser	EX
V-1-354 EX	Condenser	EX
V-1-355 EX	Condenser	EX
V-1-356 EX	Condenser	EX

Inventory No.	Name of Equipment	Status
V-1-357 EX	Condenser	EX
V-1-358 EX	Condenser	EX
V-1-359 EX	Condenser	EX
V-1-360 EX	Condenser	EX
V-1-361 EX	Condenser	EX
V-1-362 EX	Condenser	EX
V-1-363 EX	Condenser	EX
V-1-364 EX	Condenser	EX
V-1-365 EX	Condenser	EX
V-1-366 EX	Condenser	EX
V-1-367 EX	Condenser	EX
V-1-368 EX	Condenser	EX
V-1-369 EX	Condenser	EX
V-1-370 EX	Receiver	EX
V-1-371 EX	Receiver	EX
V-1-372 EX	Receiver	EX
V-1-373 EX	Receiver	EX
V-1-374 EX	Receiver	EX
V-1-375 EX	Receiver	EX
V-1-376 EX	Receiver	EX
V-1-377 EX	Receiver	EX
V-1-378 EX	Receiver	EX

Inventory No.	Name of Equipment	Status
V-1-379 EX	Receiver	EX
V-1-380 EX	Receiver	EX
V-1-381 EX	Receiver	EX
V-1-382 EX	Receiver	EX
V-1-383 EX	Receiver	EX
V-1-384 EX	Receiver	EX
V-1-385 EX	Receiver	EX
V-1-386 EX	Receiver	EX
V-1-387 EX	Receiver	EX
V-1-388 EX	Receiver	EX
V-1-389 EX	Tank	EX
V-1-390 EX	Tank	EX
V-1-391 EX	Tank	EX
V-1-392 EX	Oil bath	EX
V-1-393 EX	Oil bath	EX
V-1-394 EX	Oil bath	EX
V-1-395 EX	Tank	EX
V-1-396 EX	Tank	EX
V-1-397 EX	Separating tank	EX
V-1-398 EX	Measuring tank	EX
V-1-399 EX	Measuring tank	EX
V-1-400 EX	Separating tank	EX

Inventory No.	Name of Equipment	Status
V-1-401 EX	Separating tank	EX
V-1-402 EX	Separating tank	EX
V-1-403 EX	Wooden tub	EX
V-1-404 EX	Separating tank	EX
V-1-405 EX	Acid egg	EX
V-1-406 EX	Wooden tub	EX
V-1-407 EX	Wooden tub	EX
V-1-408 EX	Water separator	EX
V-1-409 EX	Separating tank	EX
V-1-410 EX	Measuring tank	EX
V-1-411 EX	Measuring tank	EX
V-1-412 EX	Separating tank	EX
V-1-413 EX	Measuring tank	EX
V-1-414 EX	Measuring tank	EX
V-1-415 EX	Receiver	EX
V-1-416 EX	Solution tank	EX
V-1-417 EX	Solution tank	EX
V-1-418 EX	Measuring tank	EX
V-1-419 EX	Water tank	EX
V-1-420 EX	Water tank	EX
V-1-421 EX	Oil bath	EX
V-1-422 EX	Vacuum holder	EX

Inventory No.	Name of Equipment	Status
V-1-423 EX	Vacuum holder	EX
V-1-424 EX	Vacuum holder	EX
V-1-425 EX	Vacuum holder	EX
V-1-426 EX	Compressed air holder	EX
V-1-427 EX	Deoxidizer	EX
V-1-428 EX	Deoxidizer	EX
V-1-429 EX	Deoxidizer	EX
V-1-430 EX	Deoxidizer	EX
V-1-431 EX	Porcelain pot	EX
V-1-432 EX	Porcelain pot	EX
V-1-433 EX	Porcelain pot	EX
V-1-434 EX	Porcelain pot	EX
V-1-435 EX	Porcelain pot	EX
V-1-436 EX	Porcelain pot	EX
V-1-437 EX	Porcelain pot	EX
V-1-438 EX	Porcelain pot	EX
V-1-439 EX	Porcelain pot	EX
V-1-440 EX	Porcelain pot	EX
V-1-441 EX	Porcelain pot	EX
V-1-442,EX	Porcelain pot	EX
V-1-443 EX	Porcelain pot	EX
V-1-444 EX	Porcelain pot	EX

Inventory No.	Name of Equipment	Status
V-1-445 EX	Centrifuge	EX
V-1-446 EX	Centrifuge	EX
V-1-447 EX	Cooler	EX
V-1-448 EX	Crusher	EX
V-1-449 EX	Crusher	EX
V-1-450 EX	Air compressor	EX
V-1-451 EX	Grinder	EX
V-1-452 EX	Stand	EX
V-1-453 EX	Pump	EX
V-1-454 EX	Pump	EX
V-1-455 EX	Filter	EX
V-1-456 EX	Vacuum pump	EX
V-1-457 EX	Platform scale	EX
V-1-458 EX	Platform scale	EX
V-1-459 EX	Platform scale	EX
V-1-460 EX	Platform scale	EX
V-1-461 EX	Cart	EX
V-1-462 EX	Cart	EX
V-1-464 EX	Pump	EX
V-1-465 EX	Tank	EX
V-1-466 EX	Tank	EX
V-1-467 EX	Tank	EX

Inventory No.	Name of Equipment	Status
V-1-468 EX	Tank	EX
V-1-469 EX	Tank	EX
V-1-470 EX	Tank	EX
V-1-473 EX	Furnance	EX
V-1-474 EX	Chimney	EX
V-1-475 EX	Evaporator	EX
V-1-476 EX	Evaporator	EX
V-1-477 EX	Hand pump	EX
V-1-499 EX	Tank	EX
V-1-500 EX	Electric motor	EX
V-1-501 EX	Electric motor	EX
V-1-503 EX	Cooler	EX
V-1-511 EX	Platform scale	EX
V-1-513 EX	Platform scale	EX
V-1-514 EX	Platform scale	EX
V-1-522 EX	Tank	EX
V-1-523 EX	Tank	EX
V-1-525 EX	Shafting	EX
V-1-526 EX	Compressor	EX
V-1-527 EX	Distillation water making apparatus	EX
V-1-528 EX	Boiler	EX
V-1-529 EX	Superheater	EX

Inventory No.	Name of Equipment	Status
V-1-530 EX	Tank	EX
V-1-532 EX	Reaction kettle	EX
V-1-545 EX	Pump	EX
V-1-546 EX	Electric motor	EX
V-1-547 EX	Cart	EX
V-1-548 EX	Cart	EX
V-1-549 EX	Cart	EX
V-1-553 EX	Cart	EX
V-1-554 EX	Cart	EX
V-1-556 EX	Cart	EX
V-1-557 EX	Vat	EX
V-1-558 EX	Vat	EX
V-1-559 EX	Vat	EX
V-1-560 EX	Vat	EX
V-1-562 EX	Vat	EX
V-1-563 EX	Vat	EX
V-1-564 EX	Vat	EX
V-1-565 EX	Vat	EX
V-1-566 EX	Vat	EX
V-1-567 EX	Vat	EX
V-1-568 EX	Water tank	EX
V-1-569 EX	Water tank	EX

Inventory No.	Name of Equipment	Status
V-1-570 EX	Cooling tank	EX
V-1-572 EX	Crystallization tank	EX
V-1-574 EX	Electric motor	EX
V-1-578 EX	Electric motor	EX
V-1-584 EX	Platform scale	EX
V-1-589 EX	Pump	EX
V-1-590 EX	Pump	EX
V-1-593 EX	Pump	EX
V-1-594 EX	Electric motor	EX
V-1-595 EX	Still	EX
V-1-597 EX	Electric motor	EX
V-1-598 EX	Oil switch	EX
V-1-599 EX	Crystallization tank	EX
V-1-602 EX	Oil switch	EX
V-1-603 EX	Oil switch	EX
V-1-604 EX	Oil switch	EX
V-1-605 EX	Piping	EX
V-1-606 EX	Piping	EX
V-1-607 EX	Piping	EX
V-1-608 EX	Piping	EX
V-1-609 EX	Piping	EX
V-1-610 EX	Piping	EX

Inventory No.	Name of Equipment	Status
V-1-611 EX	Piping	EX
V-1-612 EX	Condenser	EX
V-1-613 EX	Agitating apparatus	EX
V-1-614 EX	Agitating apparatus	EX
V-1-615 EX	Agitating apparatus	EX
V-1-616 EX	Agitating apparatus	EX
V-1-617 EX	Agitating apparatus	EX
V-1-618 EX	Agitating apparatus	EX
V-1-624 EX	Stand	EX
V-1-625 EX	Electric motor	EX
V-1-626 EX	Measuring tank	EX
V-1-628 EX	Grinder	EX
V-1-634 EX	Acid egg	EX
V-1-635 EX	Acid egg	EX
V-1-643 EX	Acid egg	EX
V-1-645 EX	Cooler	EX
V-1-656 EX	Ball mill	EX
V-1-657 EX	Ball Mill	EX
V-1-658 EX	Electric motor	EX
V-1-660 EX	Electric motor	EX
V-1-662 EX	Reaction kettle	EX
V-1-663 EX	Vice	EX

Inventory No.	Name of Equipment	Status
V-1-664 EX	Acid egg	EX
V-1-665 EX	Electric motor	EX
V-1-666 EX	Electric motor	EX
V-1-667 EX	Crusher	EX
V-1-668 EX	Fan	EX
V-1-669 EX	Tank	EX
V-1-670 EX	Receiver	EX
V-1-671 EX	Condenser	EX
V-1-673 EX	Crusher	EX
V-1-674 EX	Electric motor	EX
V-1-675 EX	Shafting	EX
V-1-676 EX	Oil switch	EX
V-1-677 EX	Oil switch	EX
V-1-678 EX	Electric motor	EX
V-1-679 EX	Crusher	EX
V-1-684 EX	Platform scale	EX
V-1-685 EX	Platform scale	EX
V-1-686 EX	Tank	EX
V-1-687 EX	Blower	EX
V-1-688 EX	Blower	EX
V-1-689 EX	Blower	EX
V-1-690 EX	Blower	EX

Inventory No.	Name of Equipment	Status
V-1-691 EX	Drying tower	EX
V-1-692 EX	Drying tower	EX
V-1-693 EX	Drying tower	EX
V-1-694 EX	Drying tower	EX
V-1-695 EX	Drying tower	EX
V-1-696 EX	Drying tower	EX
V-1-697 EX	Drying tower	EX
V-1-698 EX	Drying tower	EX
V-1-699 EX	Storing tank	EX
V-1-700 EX	Gas mixer	EX
V-1-701 EX	Pump	EX
V-1-702 EX	Pump	EX
V-1-703 EX	Electric motor	EX
V-1-704 EX	Electric motor	EX
V-1-705 EX	Electric motor	EX
V-1-706 EX	Electric motor	EX
V-1-707 EX	Vacuum drum	EX
V-1-708 EX	Reaction kettle	EX
V-1-709 EX	Reaction kettle	EX
V-1-710 EX	Oil heater	EX
V-1-711 EX	Oil heater	EX
V-1-712 EX	Washing vat	EX