DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

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

Description of contents

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Reparation Policy

(3) Date: Aug. 1947 - Oct. 1949

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Osaka

(6) Reproduction: (Yes) No

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DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Rep. Policy

RAS/lmp

HEADQUARTERS
OSAKA CIVIL AFFAIRS TEAM
APO 25

31 October 1949

MEMORANDUM FOR: Osaka Prefectural Government

THROUGH: Kinki Liaison Office

SUBJECT: Applications for Use of Reparations Equipment

1. Effective immediately, all applications regarding use, dispersal or disposition of reparations equipment will no longer be submitted to this headquarters, but will be submitted directly to GHQ-SCAP through Japanese Government channels.

2. Applications for release of land and buildings under reparations custody, and for former Japanese military supplies and equipment not under reparations custody, will continue to be submitted directly to this headquarters.

3. Criteria cite paragraph 1 above applies to all unanswered applications of a pertinent nature which have already been submitted to this headquarters.

FOR THE CHIEF:

FRED N. ALEXANDER
WOJG USA
Asst Adjutant

OSAKA M.G
REC'D-COM-IND
FILE 1-7662

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

file
Reparations
Policy General

RAS/lmp

HEADQUARTERS
OSAKA CIVIL AFFAIRS TEAM
APO 25

27 October 1949

MEMORANDUM FOR: Osaka Prefectural Government

THROUGH: Kinki Liaison Office

SUBJECT: Use of Cutting Tools and Accessories in Reparations Installations

1. Refer to the following memorandums from this headquarters:

a. Subject: "Custody and Maintenance of Reparations Installations", datod 23 November 1948.

b. Subject: "Use of Machine Tool Accessories, Cutting Tools and Precision Measuring Instruments", dated 21 March 1949.

2. Paragraph 1g of memorandum reference paragraph 1a above is rescinded.

3. Memorandum paragraph 1b above is rescinded.

4. Effective immediately, stocks of cutting tools, machine tool accessories, precision measuring instruments and other expendable items in reparations installations may be used as necessary to support permitted operations.

FOR THE CHIEF:

FRED N. ALEXANDER
WOJG USA
Asst Adjutant

OSAKA M.G
RES. COM. IND
FILE 0-265P

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

file
Reparations
Policy

Additional Inventory and Marking of
Reparation Items

11 May 1949

All items of equipment in evaluated and non-evaluated integrated and pool item facilities will be identified with an inventory code number.

All equipment in a plant will be maintained regardless of status or commission from inventory with exception of EX equipment.

Installations are considered as a whole and not on a basis of individual items of equipment.

1. Inventory and Marking.

a. Integrated Facilities.

(1) All items, including EX equipment, in integrated facilities will be marked in a manner as to establish the identity and status of the equipment.

(2) Equipment in integrated facilities covered in the inventory instructions will be provided for in that section to which they belong and the equipment will be marked in red with a white underline.

(3) Equipment not provided for in the inventory instruction will be listed in a section to be added from the next to the last of a series of section numbers. This section will be called the miscellaneous section and will be devided into subsections A and B. Items directly connected with production process will be placed under subsection A followed by item number beginning with 1 and followed with sequence thereof. Items which are not directly connected with production will be placed under subsection B and numbered accordingly.

(4) All motors will bear an inventory number, including motors attached to machines. Motors attached to machines will be marked with the same number given to the main machine, plus a parenthetical (a). In case more than one motor is involved in one particular machine the number will be followed by a parenthetical (a1) (a2) (a3) etc. In all cases parenthetical (a) will be reserved for motors.

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(5) Detachable accessories which are integral with a machine will be marked with numbers similar to that of attached motors but beginning with the parenthetical (b) (c) (d) etc.

(6) Accessories which are detachable and numerous in number will be arranged in a box at the machine. The box will bear the same number as that of the parent machine, plus a description of its content. The accessories, however, will be marked if practical.

(7) A main shaft is considered accessory to the main motor and therefore will be numbered accordingly with the motor number, plus a parenthetical number.

(8) Accessories which are not integral with a machine will be inventoried separately under the section to be added to the last of a series of section numbers.

(9) Determination whether an accessory is integral to the machine or not is left to the judgement of technicians of the plant.

(10) The inventory form for integrated facilities will also have an added section to provide for motors less than 5 HP. The inventory form presently provides for motors over 5 HP. Equipment in shipyards, that type which are required for reparations inventory but which were purchased for and will be used for installation of shipping construction will be tagged for identification.

b. Pool Item Facilities

(1) In non-evaluated plants the original inventory code number will be applied to the appropriate machine.

(2) In evaluated plants, the same number as was used in the evaluation report will be used in marking the machine.

(3) In ~~the inventorying~~ SELECTING ITEMS FOR ADDITIONAL INVENTORY of equipment not listed in OD 5/4 and OD 5/11, previous evaluation experience will be used as a guide in determining which item will be marked with an inventory code number.

(4) Items included in OD 5/4 and OD 5/11 which for any reason were omitted from original inventory will be marked with a red code number underlined with a white line. Equipment not included in OD5/4 and OD 5/11 but which will probably be evaluated will be marked with a red code number only.

(5) White underlining will apply only to those plants which have not yet been evaluated.

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(6) The white underline will be erased at the time the item is evaluated.

(7) All equipment in non-evaluated plants will be marked with a number following the last number on the original inventory. This same number will be used in the evaluation report.

(8) Equipment in evaluated plants will be marked with a number following the last number on the evaluation report.

(9) Hand tools will not be marked with an inventory code number. Hand tools not in use will be stored together and numbers will be assigned to groups of hand tools similar to the manner in which they were recorded to the evaluation inventory except that power driven hand tools will be marked with individual code numbers.

(10) These rules will be followed in plants which have not been evaluated. In already evaluated plants, numbering will follow the evaluation plan. Accessories in already evaluated plants will be marked in accordance with the evaluation report.

2. EX Status

a. Items will not be identified with EX markings unless specifically authorized in writing by this headquarters.

b. Prior to transmittal of list of EX equipment recognized by this headquarters, EX markings presently on machines will remain.

c. EX equipment not recognized by this headquarters will be deleted from the EX list and made available for reparations removal except that equipment in shipyards obtained from the Maritime Bureau will be marked EX without reference to this headquarters but a list of those items and supporting documents will be maintained by the plant so as to be available for inspection at any time.

3. Marking of Exempt Items

a. Exempt items in evaluated plants will bear the same item number as shown in the evaluation report. Items which were evaluated as exempt but which subsequently are not recognized by this headquarters, then EX will be deleted. In such cases, the appropriate Japanese agency will submit a corrected report through Japanese channel, your reason will be Military Government has so directed.

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b. Items which were brought into the plant subsequent to evaluation will be numbered with the first number following the last number used on the evaluation. After list of items recognized by this headquarters as EX are transmitted to the plant, the plants will report the number which the items were assigned. Items subsequently authorized to be brought into a plant will bear numbers assigned by this headquarters.

c. Items which were brought into non-evaluated plants subsequent to original inventory will be marked with a code number presently not used in the plant.

4. Reports to be submitted to this headquarters.

a. Items of equipment included in the original inventory instruction but which were not inventoried.

b. List of accessories both integral and non-integral.

c. The above reports will be submitted to this headquarters within a period of 60 days.

5. Misc.

a. Sub-station equipment which is a property of Kansai Haiden but used in connection with the plant's wartime production will be inventoried and marked. A special project will be undertaken by OPG to clarify all sub-station equipment in all plants with a view to having all sub-station equipment as available or not available for reparation removal.

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11 May 1949

1. Inventory of Marking

a. Shipyards

(1) All equipment in shipyards will be identified with inventory code number.

(2) Shipyard equipment will be identified as either available for allocation or not available by reason of EX status.

(2) Equipment in shipyard not covered in inventory instructions will be provided for in a Section IV to be added to the inventory form.

(4) All equipment not provided will be inventoried thereunder with a IV followed by item number beginning with 1 and followed with sequence thereof.

b. Accessories

(1) Accessories which are integral with machines or other item of equipment will be placed in a box at the machine or item of equipment and a box will be marked with the item number.

(2) Accessories which are not integral with a machine will be inventoried separately under Section IV.

c. EX Status

(1) Item will not be identified EX markings unless specifically authorized in writing by this headquarters.

(2) Prior to transmittal of list of EX equipment recognized by this headquarters, EX markings presently on machines will remain.

(3) EX markings on equipment not provided therein will be deleted and all the equipment thereof will be deleted, except that equipment in shipyard obtained from the Maritime Bureau will be marked EX without reference to this headquarters but a list of those item and supporting documents will be maintained by the plant so as to be available for inspection at any time.

(4) All motors in shipyard will contain inventory number

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

including motors attached to machines.

(5) Detachable accessories which are integral with a machine will be marked with number similar to that of attached motor.

(6) The inventory form for shipyard will be supplied to the Maritime Bureau. The Maritime Bureau will prepare the form for all shipyards to include the added Section IV and to provide for all item not previously reported.

(7) The inventory form will also have an added section to provide for motor less than 5 HP. The inventory form presently provides for motor over 5 HP. Equipment in shipyard, what types required for reparations inventory but which were purchased for and will be used for installation of shipping construction will be tagged for identification.

(8) All equipment in a plant will be maintained regardless of status or omission from inventory with exception of EX equipment.

(9) Installations are considered as a whole and not on a basis of individual item of equipment.

2. Pool Item Facilities

a. All major items of equipment in pooled item facilities will be marked with inventory code number.

b. Regarding equipment not listed in OD 5/4 and OD 5/11, previous evaluation experience will be used as a guide in determining which items will be marked with inventory code number.

c. Items included in OD 5/4 and OD 5/11 which for any reason were omitted from original inventory will be marked with red code number underlined with a white line. Equipment not included in OD 5/4 but which will probably be evaluated will be marked with red code number.

d. White underlining will apply only to those plants which have not been yet been evaluated.

e. The white underline will be erased at the time of the item is evaluated.

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f. In evaluated plants, the same number as was used in evaluation report will be applied to the appropriate item.

g. In non-evaluated plants, the item number will follow the sequence of numbers not used by that plant. This same number will be used in the evaluation report.

h. Hand tools will not be marked with inventory code number. Hand tools not in use will be stored together and numbers will be assigned to groups of hand tools similar to the matter in which they were recorded to the evaluation inventory except that power driven hand tools will be marked with individual code number.

i. These rules will be followed in plants which has not been evaluated. In already evaluated plants, numbering will follow the evaluation plants. Accessories in already evaluated plants will be marked in accordance with the evaluation report.

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1. Exempt Items in Evaluated Plants

a. Exempt item in evaluated plants will bear the same item number as shown in the evaluatinn reports. Items which were evaluated as exempt but which subsequently are not recognized by this headquarters, then EX will be deleted. In such cases, the appropriate Japanese agency will submit a corrected report through Japanese channel, your reason will be Military Government has so directed.

b. Items which were brought into the plants subsequent to evaluation will be numbered with the first number following the last number used on the evaluation. After list of item recognized by this headquarters as EX are transmitted to the plant, the plants will be reported the number which were assigned. Items subsequently authorized to be brought into a plant will bear number assigned by this headquarters authorizing numbers.

2. Reports will be limited to those items of equipment included in the original inventory instruction but which were not inventoried. Also sub-stations equipment which is a property of Kansai Haiden which was used in connection with the plant's wartime production will be inventoried and marked. A special project will be undertaken by OPG to clarify all sub-station equipment in all plants, with a view to having all sub-station equipment as available or not available.

3. List of accessories both integral and non-integral will be reported to this headquarters.

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C O P Y

HEADQUARTERS
KINKI MIL GOVT REGION
APO 25 (Osaka, Honshu)

JCG/sy

387.6

21 February 1949

SUBJECT: Scrap Machinery and Equipment Located in Arsenals, Aircraft and Private Munitions Plants

TO: See Distribution

1. Recently, the Hyogo Military Government Team requested authority to release machines and equipment inventoried as 3rd class items but subsequently reclassified as scrap on the evaluation report. The request was for permission to release the items from reparations custody and control. In the 3rd indorsement to this request, SCAP made the following reply, which is forwarded for your information:

"1. Machinery and equipment located in arsenals, aircraft and private munitions plants in Hyogo Prefecture, which is listed in inclosure to basic communication and which was classified by evaluation committee as scrap, may be released from reparations custody provided such machinery and equipment is actually used as a melt-down scrap.

"2. The instructions furnished to the evaluation committees stated that all machinery and equipment with a salvage value were to be included in the evaluation report as such equipment could be rebuilt. If, however, the machinery in question could be used only as melt-down scrap or the equivalent in wood or brick, it was to be omitted from the inventory and evaluation reports."

2. In the 4th indorsement by Headquarters Eighth Army, the following instructions were given:

"Surveillance will be exercised to assure that released machines are actually used as scrap and not salvaged in whole or in part. It will be ample if such disposition is assured by irreparable damage to various component parts at the time of release. This headquarters will be advised upon the completion of tha action."

BY ORDER OF COLONEL O'MOHUNDRO:

/s/t/ GEORGE MINARIK
Captain CE
Adjutant

DISTRIBUTION:
1 - Ea Team, Kinki Region (Except Hyogo)
2 - File

C O P Y

OSAKA M.G
RES-COM-IND
FILE 1-4761

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

pubs

HCK/rae/jt

HEADQUARTERS
OSAKA MILITARY GOVERNMENT TEAM
APO 25

4 June 1949

MEMORANDUM FOR: Kinki Liaison Office

SUBJECT: Removal of Materials from Reparations Plants

1. Attention invited to the inclosed application from the Osaka Seisa Zoki K.K., requesting permission to remove 300 tons of steel shavings from their Tokushu reparations factory area.

2. Effective immediately, metal shavings resulting from production operations, and any other raw material not included in current lists of critical materials as published by the Japanese Government, may be removed from any reparations installation without reference to this headquarters.

FOR THE COMMANDING OFFICER:

3 Incls:
1-Ltr, KLO, file KALCO
No. 465 NR, dtd 26 May 49
2-Ltr, Rep Sec, OPG,
dtd 23 May 49
3-Application, Osaka Seisa
Zoki K.K., dtd 28 Apr 49

THEODORE J COOK
Major, Infantry
Adjutant

OSAKA M.G
REC'D COM-IND
FILE 0-248K

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

KINKI

OSAKA LIAISON & COORDINATION OFFICE

Prefectural Building
OSAKA

TS/ts

KKLCO No. 465 ER 26 May, 1949

TO : Commanding Officer,
Osaka Military Government Team

SUBJECT: Petition for Removal of Scrap
Osaka Seisa Zoki K.K. Tokushu Plant (32-69)

For your approval.

IN THE ABSENCE OF DIRECTOR:

T. Suzuki
T. Suzuki
Liaison Officer

Incl: Letter from Osaka Prefectural Government,
23 May, 1949, subject as stated above.

5/1077

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

OSAKA PREFECTURAL GOVERNMENT
REPARATIONS SECTION

23 May 1949

SUBJECT: Petition for Removal of Scrap
Osaka Seisa Zoki K.K., Tokushu Plant (32-69)

TO : Hq Osaka Mil Gov't Team
ATTN: Economics Section

THRU : Kinki Liaison & Coordination Office

1. Attached herewith is a petition submitted by Osaka Seisa Zoki K.K., Tokushu Plant (32-69) requesting your permission to take out 300 tons of steel scrap (twining) from the above subject plant. The scrap in question being non-Critical Material and rather be preferred to be removed to keep the plant's compound clean.

2. Forwarded for your approval.

FOR THE GOVERNOR OF OSAKA PREFECTURE:

for TOKIO SANO
Head of Reparations Sec,
Osaka Prefectural Gov't.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Date: 28 April, 1949.

TO : Headquarters,
Osaka Military Government Team.

THROUGH: Osaka Prefectural Government Office.

SUBJECT: Petition for Removal of Steel Scrap from the Designated Reparations Plant.

FROM: TOKUSHU PLANT, Osaka Seisa Zoki K.K.
Code No. 32 - 59.

1. Name and Location of Plant:

a) Name: TOKUSHU PLANT, Osaka Seisa Zoki K.K.
b) Location: No. 210, Shimohozumi, Ibaraki City, Osaka Pref.

2. Nature and Quantity of Scrap:

Twining - approximately 300 tons.

3. Owner of Scrap:

Keiji Fujii, Proprietor of Fuji Shokai,
Ohno-cho, Fukushima-ku, Osaka.

4. Desired Period of Removal:

For three (3) months after the date of permission, (subject to available freight train).

5. Reason necessitating the Removal:

With reference to our petition dated 11 Feb 1949 for the same subject as above, the permission granted by your headquarters on 11 Mar 1949 for 150 tons of Scrap removal.

Having sold the remaining 300 tons of Scrap to Nippon Soda K.K., Iwase Plant, in Toyama, the owner, Keiji Fujii now wishes to take delivery of the remaining lot.

The removal of the remaining Scrap is expected to take considerably a long time, however, we will take utmost care for the administration and maintenance of the reparations machines especially during the period of removal.

TOKUSHU PLANT,
Osaka Seisa Zoki K.K.

Y. Ishii
Y. Ishii,
Plant Custodian.

Annex:
1 Copy of
Previous Permit.

REPARATIONS SECTION RECD

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Copy.

HEADQUARTERS
OSAKA MILITARY GOVERNMENT TEAM

HCK/ras/jt

11 March 1949

MEMORANDUM FOR: Osaka Prefectural Government

THROUGH: Kinki Liaison Office.

SUBJECT: Removal of Steel Scrap from Osaka Seisazoki K.K. Tokushu Plant, Reparations Plant 32-69

1. The inclosed application from the Osaka Seisazoki K.K., requesting permission to remove approximately 150 tons of Steel Shavings from their Tokushu reparations factory area, is approved.

2. This removal permit expires on 11 May 1949.

3. The authorization contained herein is only for the removal of above cited materials from subject plant, and does not exempt the materials from the requirements of existing regulations governing the transportation and/or disposition of critical materials, or transactions by restricted concerns.

FOR THE COMMANDING OFFICER:

HAROLD G. DOTY
Lt Col, Infantry
Adjutant

3 Incls:
1-Application, Osaka Seisazoki K.K.
2-Dtr, Rep Sec, OPG, dtd 22 Feb 49
3-Ltr, KLO, File KKLCo No. 178 ER.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

COPY

HEADQUARTERS
OSAKA MILITARY GOVERNMENT TEAM
APO 25

CJM/kn

14 August 1947

SUBJECT: Inventory of Additional Machinery in Army and Navy Arsenals

TO : Osaka Liaison Office

1. Attached is a list of machinery and equipment which will be inventoried by custodians of Army and Navy Arsenals located in Osaka Prefecture. These items, where available, will be inventoried and marked in the same manner as were other pooled items located in the arsenals. Supplies of inventory sheets may be secured from the Osaka Mil Govt Team.

2. Items of machinery and equipment which are to be inventoried as part of integrated facilities need not be inventoried under this instruction.

3. Inventory code numbers of itemsof eequipment previously inventoried separately, but which are an integral part of piece of equipment being inventoried under this directive, will be entered on Line M of the inventory sheet.

4. Inventory code numbers assigned under this instruction will continue the numerical sequences assigned to equipment previously inventoried in the arsenals.

5. Additional data on Power Source, as indicated below, will be entered on Line K of the inventory sheet using the following nemenclature:

Name	Type	Specification
Electric Motor	AC or DC	HP: voltage, frequency phase
Internal Combusion Eng.	Spark or compression	HP: rmp: kind fuel
Steam Engine	Condensing or non-condensing single or compound	HP: rmp: *wsp (Kg/cm2)
Other prime mover (state)	State type	HP: rmp: other speacs
Non-mechanical power source	Penumatic, Hydraulic, steam, or other (state)	Working pressure (Kg/cm2)

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Name	Type	Specification
Prime mover missing	Direct, belt, chain Required belt, or other coupling	HP: rpm

Note: Prime mover driving main line-shaft of countershaft system should be inventoried as separate item.

*wsp - working steam pressure

6. Authorized use of items inventoried under this directive will be indicated by checking Yes or No on the following statement located at the top of the inventory sheet:

"Authorized for operation as of 30 June 1947. Yes__ No __"

7. Supplementary cover sheets will be submitted in the manner directed for initial inventories. These sheets will be marked "Supplementary - OD 5/10" following the subject: "Plant Cover Sheet and Inventory Verification Report". These sheets will included only items inventoried under this directive.

8. In appraising the condition of electrical machinery and apparatus and of general purpose industrial machinery and equipment, only two classes of conditions will be considered, namely Class 1 and Class 3. The standard for Class 1 will be that the inventory item can be removed to another location and be put into operation subject only to minor replacement parts. All other items will be placed in Class 3.

9. Upon completion of this inventory, inventory sheets and plant cover sheets will be submitted in the usual manner to this headquarters.

FOR THE COMMANDING OFFICER:

(Signed)
EDWARD B. MILLETT
Major, F.A.
Adjutant

2 Incls:
1 - List of Machines to be inventoried (8)
2 - Inventory sheets (8)

T. Miwa : Res Com Ind Sect.
Osaka Mil Government Team

SUPPLEMENTARY CLASSIFICATION OF REPARATIONS EQUIPMENT

(MACHINERY AND EQUIPMENT NOT PREVIOUSLY INVENTORIED UNDER OD 5/4
AND NOT A PART OF AN INTEGRATED FACILITY)

CONVEYERS AND CONVEYING SYSTEMS
NOT INCLUDED AS A PART OF A MANUFACTURING UNIT

TYPE	SUB-TYPE	PRINCIPAL OPERATING DIMENSIONS			
LINE "C"	LINE "C"	LINE "J1"	LINE "J2"	LINE "J3"	LINE "J4
BELT CONVEYERS					
Bulk-material type		Rated carrying cap(ton/hr)	Width (cm)	Lgth (m)	Speed (m/min)
Packaged-material type		"	"	"	"
Steel and woven wire type		"	"	"	"
ELEVATERS (ELEVATER CONVEYERS) POWER OPERATED					
Bucket-type elevators		Rated lifting cap (ton/hr)	Sz of bucket (cu cm)	Height of travel (m)	Travel speed (m/min)
Arm and tray-type elevators		"	Sz of tray (m)	"	"
Skip hoists		"	Sz of skip (ton)	"	"
SCREW CONVEYERS, SPIRAL		"	Dia (cm)	Lgth of travel (m)	Material handled
CHAIN CONVEYERS					
Apron type		Rated carrying cap(ton/hr)	Length (m)	Speed (m/min)	-------
Flight type (scraper)		"	"	"	
Drag type		"	"	"	-------
Pivoted bucket-carrier type		"	"	"	-------
V-bucket type		"	"	"	-------
Car hauls		"	"	"	-------
Capacity-flow type		"	"	"	-------

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ROLLER CONVEYERS				
Live-roller type	Rated carrying cap(ton/hr)	Width (cm)	Light of travel (m)	Height of travel (m)
Gravity-roller type	"	"	"	"
Gravity skate-wheel type	"	"	"	"
OVERHEAD CONVEYERS				
Trolley type	"	Travel lgth (m)	Travel speed (m/min)	--------
Aerial tramways	"	"	"	--------
Tramrail systems (monorail systems)	"	"	"	--------
PEUMATIC CONVEYERS				
Package type	"	Length (m)	Dia (m)	Material Handled
Bulk-material type	"	"	"	
CABLE CONVEYERS				
Rope-and-button type	"	"	Travel Speed (m/min)	--------
MISCELLANEOUS CONVEYERS AND CONVEYING EQUIPMENT				
Vibarating conveyers	"	Width (m)	Lgth (m)	--------
Shaker conveyers	"	--------	"	--------
Portable conveyers bulk type	"	--------	"	--------
Conveyer feeders Prg handle type bucket loaders	"	--------	"	--------

RAILROAD TRANSPORTATION EQUIPMENT LOCOMOTIVES

TYPE	SUB-TYPE	PRINCIPAL OPERATING DIMENSIONS			
LINE "C"	LINE "C"	LINE "J1"	LINE "J2"	LINE "J3"	LINE "J4"
STEAM					
Including tenders		Total Wt (ton)	Wheel arrangement	Tractive force (ton)	Gauge of track and min rad curvature (m)

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STEAM - Cont'd.

Tankers	Total Wt (ton)	Wheel arrangement	Tractive force (ton)	Gauge of track and min rad curvature (m)
ELECTRIC				
Straight	"	"	Linevoltage & tractive force (v) (ton)	"
DIESEL				
Electric	"	"	Tractive force (ton)	"
Mechanical	"	"	"	"
GASOLINE				
Electric	"	"	"	"
Mechanical	"	"	"	"

CARS

TYPE	SUB-TYPE	PRINCIPAL OPERARING DIMENSIONS			
LINE "C"	LINE "C"	LINE "J1"	LINE "J2"	LINE "J3"	LINE "J4"
CARS, SELF-PROPELLED					
Electric	Straight	Body Construction mat & wheel arrangement	Line voltage & hp(v)(hp) Horse power	Cap(seating: load carrying)(ton)	Cauge of track & min rad of curvature (m)
Diesel	Electric	"	"	"	"
	Mechanical	"	"	"	"
Gasoline	Electric	"	"	"	"
	Mechanical	"	------	"	"

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CARS, EXCEPT SELF-PROPELLED

Freight	Box cars	Body Construction mat & wheel arrangement	------	Cap(seating: load carrying) (ton)	Gauge of track & min rad of curvature (m)
	Cabooses	"	------	"	"
	Flat	"	------	"	"
	Open top	"	------	"	"
	a) Gondola	"	------	"	"
	b) Hopper	"	------	"	"
	Refrigerator	"	Line voltage & hp(v)(hp) Horse power	"	"
	Tank	"	"	"	"
	Snow plough	"	"	"	"

INDUSTRIAL TRACKAGE

Straight trackage	Gauge of track (m)	Wt of rail (kg per meter)	Lgth (m)	--------
Point or crossing	"	"	"	No of frog (arctangent of frog angle

SHIPS, SMALL WATERCRAFT AND MARINE PROPULSION MACHINERY
FLOATING

TYPE	SUB-TYPE	PRINCIPAL OPERATING DIMENSIONS			
LINE "C"	LINE "C"	LINE "J1"	LINE "J2"	LINE "J3"	LINE "J4"
BOATS					
Launches		Construction(hull mat)(No of screws)	Gross tonnage(ton)	Speed(knot)	Engine(hp
Tugs		"	"	"	"
Fire boats		"	"	"	Pump cap (litress per min)Head (m)
Dredges		"	"	"	"

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BARGES AND LIGHTERS

Liquid cargo	Construction (hull mat)(No of screws)	Gross tonnage (ton)	Wpeed(knot)	Pump cap (litres per min)Head(m)
Dry cargo	"	"	"	"
Servicing	"	"	"	"

GENERAL PURPOSE INDUSTRIAL MACHINERY AND EQUIPMENT (CONT'D)
HOISTING EQUIPMENT

TYPE	SUB-TYPE	PRINCIPAL OPERATING DIMENSIONS			
LINE "C"	LINE "C"	LINE "J1"	LINE "J2"	LINE "J3"	LINE "J4"
DERRICKS (INCLUDE GALLOWS-FARMES, GIN POLES, STIFF LEGS, GUY AND SHEER LEGS, NOT INCLUDED AS A PART OF A MANUFACTURING UNIT		Rated lifting cap(ton)	Height of lift (m)	Lifting attachment type	Lgth & rad of boom (m)
HOISTING UNITS, SKID (ソリ) AND BASE MOUNTED					
Hoists (pendant type)	Air powered → ジャッキ	"	"	"	--------
	a) Lifting cyl type				
	Elec powered	"	"	"	--------
	Hand chain → chain Block	"	"	"	--------
Whirley cranes (including revolving and rotary cranes)	→ 造船所ニアル西転港ツキノ crane	"	"	"	--------
Winches	Elec motor powered	Rated cap (on sing rope ton)	Rope lgth (m)	Winding speed (m/min)	--------
	a) Sing drum				
	b) Mult drum	"	"	"	--------
	Steam engine driven				
	a) Sing drum	"	"	"	--------
	b) Mult drum	"	"	"	--------
	Gas engine powered				
	a) Sing drum	"	"	"	--------
	b) Mult drum	"	"	"	--------
	Hand operated				

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HOISTING UNITS, SKID AND BASE MOUNTED - Cont'd

Anchor windlasses	Elec. vert a) Sing drum	Rated cap (on sing rope ton)	Rope lgth (m)	Winding speed (m/min)	--------
	b) Mult drum	"	"	"	--------
	Elec. horiz a) Sing drum	"	"	"	--------
	b) Mult drum	"	"	"	--------
	Steam vert a) Sing drum	"	"	"	--------
	b) Mult drum	"	"	"	--------
	Steam, horiz a) Sing drum	"	"	"	--------
	b) Mult drum	"	"	"	--------
	Elec hyd. vert a) Sing drum	"	"	"	--------
	b) Mult drum	"	"	"	--------
	Elect hyd. horiz a) Sing drum	"	"	"	--------
	b) Mult drum	"	"	"	--------
	Hand operated	"	"	"	--------
Capstans	Elec. vert	"	"	"	--------
	Elec. horiz	"	"	"	--------
	Steam vert	"	"	"	--------
	Steam horiz	"	"	"	--------

PULMBING AND HEATING EQUIPMENT, HEATING EQUIPMENT, STEAM AND HOT WATER NOT INCLUDED AS A PART OF A MANUFACTURING UNIT
COAL HANDLING EQUIPMENT, HEAT EXCHANGES, BLOWERS, STOKERS, FILTERS, ETC., WILL BE CONSIDERED A PART OF THE INVENTORIED UNIT AND BEAR ITS MARKING

TYPE	SUB-TYPE	PRINCIPAL OPERATING DIMENSIONS			
LINE "C"	LINE "C"	LINE "J1"	LINE "J2"	LINE "J3"	LINE "J4"
BOILER, CAST IRON					
With grates, for hand fired coal	Round	Cap(Sq m EDR) EDR= Equiv Direct Radiation	Dia x lgth (m)	Grate area (sq m)	With or without trim (gauge safety valve, etc.)

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BOILER, CAST IRON - Cont'd

	Sectional push nipple type	Cap(Sq m EDR)EDR=Equiv Direct Radiation	Dia x lgth (m)	Grate area (sq m)	With or without trim(gauge safety valve, etc
	header type	"	"	"	"
	Magazine feed	"	Boiler sz(m)	"	"
	Hot water supply boilers, over 2.1 kg/sq cm working pressure	"	"	"	"
Without grates, for conversion burners	Round	"	Dia x l gth(m)	Burner sz	"
	Sectional push nipple type				
	a) Dry base	"	No of sect	"	"
	b) Wet base	"	"	"	"
	Sectional, header type	"	"	"	"
	Hot water supply boilers, over 2.1 kg/sq cm working pressure	"	Boiler sz (m)	"	"
Gas fired with integral burners		"	"	"	"
Boiler-burner units	Round	"	Dia x lgth(m)	"	"
	Sectional push nipple type	"	No of sect	"	"
	Sectional, header type	"	"	"	"
	Hot water supply Boilers, over 2.1 kg/sq cm working press	"	Boiler sz (m)	"	"

BOILERS, STEEL (UNDER 7 KG/SQ CM (WORKING STEAM PRESSURE)

With graters, for hand-fired coal	"	Working press (kg/cm2)	Grate area (sq m)

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BOILERS, STEEL (UNDER 7 KG/SQ CM (WORKING STEAM PRESSURE) - Cont'd

For stoker firing	Cap(Sq m EDR) EDR= Equiv Direct Radiation	Working press (kg/cm2)	Grate area (sq m)	With or without trim(gauge safety valve, etc.
For oil firing, except boiler-burner units	"	"	Burner sz (mm)	"
Boiler-burner units oil fired	"	"	"	"
Gas fired, with integral burners	"	"	"	"
For firing with gas conversion burners	"	"	"	"

SHIP, SMALL WATERCRAFT, AND MARINE PROPULSION MACHINERY FACILITY EQUIPMENT

TYPE	SUB-TYPE	PRINCIPAL OPERATING DIMENSIONS			
LINE "C"	LINE "C"	LINE "J1"	LINE "J2"	LINE "J3"	LINE "J4"
DRY DOCKS					
Floating		Gross tonnage (ton)	Overall lgth & breadth or beam (m)	Draft (loaded) (m)	Speed (knots)

ELECTRIC MACHINERY AND EQUIPMENT
ELECTRICAL ROTATING EQUIPMENT, NOT INCLUDED IN AN INVENTORIED UNIT

TYPE	SUB-TYPE	LINE "J1			
LINE "C"	LINE "C"	LINE "J1"	LINE "J2"	LINE "J3"	LINE "J4
MOTORS					
Motors, electirc fractional hp		Voltage, phase & cyc	Rated horse power (hp)	Rated rpm	Type of speed(constant varibale, etc)
Motors, electric, 1 to 5 HP		8 "	"	"	"

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METALWORKING MACHINERY

TOOL ATTACHMENTS AND ACCESSORIES FOR MACHINE TOOLS AND OTHER METALWORKING MACHINES

TYPE	SUB-TYPE	PRINCIPAL OPERATING DIMENSIONS			
LINE "C"	LINE "C"	LINE "J1"	LINE "J2"	LINE "J3"	LINE "J4"
TOOL ROOM SPECIALITIES					
Surface plate		Lgth (mm)	Width (mm)	-------	-------
Platen		"	Dia (mm)	-------	-------

GENERAL PURPOSE INDUSTRIAL MACHINERY AND EQUIPMENT (CONT'D)

INDUSTRIAL TRUCKS, TRACTORS, TRAILERS, STACKERS AND ACCESSORIES

(Used for material handling on floors and paved surface in and around industrial plants, depots, docks and terminals. Excludes highway trucks and tractors and equipment used in mining, agriculture, logging, earth-moving and petroleum development).

TYPE	SUB-TYPE	PRINCIPAL OPERATING DIMENSIONS			
LINE "C"	LINE "C"	LINE "J1"	LINE "J2"	LINE "J3"	LINE "J4"
POWERED TRUCKS, INDUSTRIAL					
Gasoline powered	Lift trucks a) Fork type lift	Rated cap (ton)(Max lifting cap or draw bar pull)	Tires(solid rubber, pneumatic or steel)	Lgth of fork (m)	Height of lift (m)
	b) Platform type lift	"	"	Lgth, width & height of platform (m)	Height of lift (meters)(hyd or mech)
	Platform trucks (non-lift)	"	"	"	-------
	Crane trucks	"	"	Typed lgth of boom (m) (Fixed or swinging)	Height of lift (m)
	Straddle trucks	"	"	Inside width (m)	Height of load space (m)

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POWERED TRUCKS, INDUSTRIAL - Cont'd

Electrical Powered	Lift trucks (motor propelled with motor-powered lift)				
	a) Fork type lift	Rated cap (ton)(Max lifting cap or draw bar pull)	Tires(solid rubber, peneumatic or steel)	Lgth of fork (m)	Height of lift (m)
	b) Platform type lift	"	"	Lgth, width & height of platform (m)	"
	Platform trucks (non-lift)	"	"	"	--------
	Crane trucks	"	"	Type & lgth of boom (m) (Fixed or swinging)	Ht of lift (m)
	Motorized hand-lift trucks (motor-propelled with hand powered hyd lift)	"	"	--------	"

TRACTORS, INDUSTRIAL

Gasoline powered		Rated cap(ton) (draw bar pull)	"	Lgth x width (m)	--------
Electric powered		"	"	"	--------

TRAILERS FOR INDUSTRIAL TRACTORS

Standard (1814 kg cap or less)	Wood-dock	Rated cap (ton)	"	"	--------
	Steel-deck	"	"	"	--------
Heavy duty (over 1814 kg cap or less)		"	"	"	--------

STACKERS (PORTABLE PLATFORM-TYPE ELEVATORS

Power lift	Lifting cap (ton)	------	"	Ht of Lift (m)
Hand lift	"	------	"	"

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MISCELLANEOUS GENERAL PURPOSE INDUSTRIAL MACHINERY AND EQUIPMENT

TYPE	SUB-TYPE	PRINCIPAL OPERATING DIMENSIONS			
LINE "C"	LINE "C"	LINE "J1"	LINE "J2"	LINE "J3"	LINE "J4"
CENTRIFUGALS AND SEPARATORS	Centrifugals with perforated baskets	Cap (litre/min)	Material treated	Dim (m) of prin parts	-------
	Centrifugals with solid bowl type baskets	"	"	"	-------
	Separators (clarification, dehydration, separation, emulsification	"	"	"	-------

SEPCIAL INDUSTRY MACHINERY (MACHINERY FOR SELECTED INDUSTRIES REQUIRING SPECIALIZED MACHINES

TYPE	SUB-TYPE	PRINCIPAL OPERATING DIMENSIONS			
LINE "C"	LINE "C"	LINE "J1"	LINE "J2"	LINE "J3"	LINE "J4"
FOUNDRY EQUIPMENT, EXCEPT FURNACES AND OVENS					
Die casting machines	Manual (flg) type solid sprugated	Max casting weight in one operation (kg)	Pressure (kg/cm2)	Kind of metal & alloys	Special equipment attachment & acs
	stripe "	"	"	"	"
	Pneumatic solid sprugated	"	"	"	"
	stripe "	"	"	"	"
	Hydraulic (Hydrau-Pneumatic) solid sprugated	"	"	"	"
	stripe "	"	"	"	"

SPECIAL INDUSTRIAL FURNACES, KILNS, AND OVENS, EXCEPT METALLURGICAL AND METAL MELTING

TYPE	SUB-TYPE	PRINCIPAL OPERATING DIMENSIONS			
LINE "C"	LINE "C"	LINE "J1"	LINE "J2"	LINE "J3"	LINE "J4"
Distillation ovens	Charcoal (wood) Retort Process	Rated cap (ton)	Heating range (C)	Special equipment & acs	------
	Other	"	------	"	------
	Coke Overn Solvay type	No of chamber & dim	Rated cap (tot yield of coke in ton/day)	Tot thru put of coal ton/day	Special equipment & acs
	Koppers type	"	"	"	------
	Piette type	"	"	"	------
	Otto type	"	"	"	------
	Kuroda type	"	"	"	------
	Ono(nitetu) type	"	"	"	------
	Other	"	"	"	------
Enameling, Japanning & Lacquering ovens	Electrical	Inside dim of ovens(m)	Sz of work (m)	Heating Range(C)	Special equipment & acs
	Except electrical	"	"	"	"
Sherardizing oven		"	"	How operated(gas, coke, elc)	"

SPECIAL INDUSTRY MACHINERY
MACHINERY AND EQUIPMENT ALLIED TO PRIMARY METAL FORMING MACHINES & EQUIPMENT NOT INCLUDED AS A PART OF A MANUFACTURING UNIT

TYPE	SUB-TYPE	PRINCIPAL OPERATING DIMENSIONS			
LINE "C"	LINE "C"	LINE "J1"	LINE "J2"	LINE "J3"	LINE "J4"
Tinning		Rated cap (kg/hr)	Intended use (kind of work)	Sectional dim & lgth of tank (m)	Special equipment & acs

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Galvanizing		Rated cap (kg/hr)	Intended use (kind of work)	Sectional dim & lgth of tank (m)	Special equipment & acs
Picling		"	"	"	"
Oiling		"	"	Max sz of work	"

GENERAL PURPOSE MACHINERY AND EQUIPMENT
MECHANICAL POWER-TRANSMISSION EQUIPMENT INDUSTRIAL, NOT INCLUDED AS A PART OF A MANUFACTURING UNIT

TYPE	SUB-TYPE	PRINCIPAL OPERATING DIMENSIONS			
LINE "C"	LINE "C"	LINE "J1"	LINE "J2"	LINE "J3"	LINE "J4"
SPEED CHANGERS (INCLUDE UNITS NOT INCLUDED AS A PART OF AN INVENTORIED ITEM)					
Fixed ratio speed Transmission	Worm	Rated horse power(hp) & output speed (rpm)	Dia of output & input shaft (mm)	Relative position of driving shaft to driven shaft	Speed changer (in steps or infinite
	Herical & Herringbone	"	"	"	"
	Spur	"	"	"	"
	Chain	"	"	"	"
Variable ratio speed Transmission	Belt type	Rated horse power(hp) & output speed (rpm)	Dia of output & input shaft (mm)	Relative position of driving shaft to driven shaft	Speed ratio
	Chain type	"	"	"	"
LINE SHAFTS (EXCLUSIVE OF COUNTERSHAFTS		Dia of shaft (mm)	Approx lgth of shaft (m)	--------	------

Note: Line shafts inventoried will be considered to include their pulleys, hangers, levers, belts, etc.

Only lines A, B, C, and J of the Inventory Sheet will be filled in for line shafts.

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K: POWER SOURCE - Enter description of prime mover using following nomenclature.

NAME	TYPE	SPECIFICATIONS
Electric Motor	AC or DC	HP; voltage, frequency, phase
Internal Combustion Eng.	Spark or compression	HP; rpm; kind fuel
Steam Engine	Condensing or non-condensing Single or compound	HP; rpm; *wsp (kg/cm^2)
Other prime mover (state)	State type	HP; rpm; other specs
Non-mechanical power source	Penumatic, hydraulic, steam, or other (state)	Working pressure (kg/cm^2)
Prime mover missing	Direct, belt, chain belt, or other coupling	Required HP; rpm

Note: - Prime mover driving main line-shaft of countershaft system should be inventoried as separate item.

*wsp - working steam pressure

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