

Appendix—Schedules

The information contained in the statistics for mines and quarries for 1929 was collected by means of a general schedule for mines and quarries; an abbreviated or "short-form" schedule for enterprises whose value of products was less than \$20,000; and a special schedule for sand and gravel enterprises. In addition to these schedules there was a special "Administrative and general office" schedule. This schedule was used in all cases where a number of mines or quarries were managed from a central office, usually at some distance

from the mine, as in New York, Philadelphia, or Chicago, and on it were reported the persons employed in these offices together with their salaries, which could not be distributed among the different plants.

The general schedule used in reporting mines and quarries, the special schedule used for reporting sand and gravel enterprises, the abbreviated or "short-form" schedule, and the administrative and general office schedule are reproduced on the following pages.

	CONFIDENTIAL GOVERNMENT REPORT	Tile No
	Form 100-MQ	
POR OFFICE USE ONLY	_	The law makes it still-
(Buets and County)	DEPARTMENT OF COMMERCE	gatery upon every mining establishment to furnish conseq data. All answers
	BUREAU OF THE GENSUS	vill be held in strict con-
(lodatry Nepher)	WASHINGTON	fidence.
		h
	OF MINES AND QUARI	
	GENERAL SCHEDULE	
NOTE - A word in the sele	e not a scorn employee of the Bureau of the Census will be redeement by the most by the Bureau of the Census to any redee of in private life, which would disclose, exactly or appre- cible, the word "plant" signifies whoe, quary, so mill, or finishing dressing, or	ather presents on selection and .
GENERAL INSTRUCTIONS during all or part of the period co- tony be made for two or more plants	Reports are required for all plants that were in operation, for elither producered. (See Inquiry 3.) Separate reports are required for plants located in diffusional in the same county. Name and location of each plant must be specified.	cilon or decelopment surposes, send counties, but a combined report
1. DESCRIPTION OF PL	ANT:	
d. NAME OF PLANT		
b. NAME OF OWNER OF	B OPERATOR	
le this owner or ope	rater an incorporated concern?	Nai
	LOCATION OF PLANT	
	d. Citt, town, or villing	
	J. Poer office appairs	
g. Post-office address	S OF GENERAL OFFICE	
A. IS PLANT LOCATED Y	WITHIN BOUNDAINES OF CITY, TOWN, OR VILLAGE AS INCORPORATE	ini If not,
name the townshi	p, borough, or other civil division in which located	1 182 10 202)
6. Do you operate he	THAT THAN ONE PLANT? If was give name and near	
(See General Insti	OVER THE OPERATIONS OF MORE THAN ONE PLANT?	. It has state nomen
2. CHARACTER OF INDI	uerev.	
	STONE, OR ORE PROPECED.	
	n quanting (Specify whether underground or open-cut, tode or i	
	YINISHING, DRESSING, OR OTHER PROCESSING OR REDUCTION WOR	
	DARAY	
	·····	
	This report should relate preferably to the calendar year 1929; i year ending within the period from April 1, 1929, to March 31, 16 reations if the plant was active during the entire year.	but it may be made to cover 330. It should, in either case
The fiscal year or pe		
	AND HOURS OF LABOR:	
a. Number of bays 7 (Office the number of day be included. Denote (In approximate a	HE FLANT WAS OFERATED DURING THE PERIOD COVERED. To be placed, or any important part of it, was in operation. Dary when shull identify include gondays and boundays unless plant was in actual operation. and during figures beaution practice followed during the page.	er topelin so for other manges should not
	and d, give figures based on practice followed during the year, it lake note of s. r nouse plant was orkhatzo; Pen day	
D. MORNAL HOMBER O		
c. NUMBER OF SHIFTS	Normally operated per day (1, 2, or 3)	
	(Observed during the year, total	
	W HOUSE PER WEEK FOR THE INDIVIDUAL WAGE EARNER.	
	-day, a 5)4-day, or a 5-day week, or to some other heals (specify)	
	ED PERIODS THE PLANT WORKED PART TIME (part of the normal wife per day) GIVE REASONS AND APPROXIMATE DAYES	others days but week or Dari
DI LIIU NOTATAL BOU	Put maj j with READONS AND AFFROZIMATE DATES	

 DEVELOPMENT WORK.—Give total minount charged it directly by regular employees or oil contract. All or a consist reported under liquities 7 and 8, but the cost of directlepar- called for checkness in this report. c. Character of work. 			during stabould l clude cert	the yea be include ain other	r, whether can a the amo	done unte i sot
b. Postage of development work				**********		
				•		
e, Cost of development work			**********	0.		
 PRODUCTS.—Report the selling value f. o. b. at the point of period covered, whether disposed of or not. Include the operating. 	-	*************				the din
PRODUCTS (report third products apparately)	1 Dan o	PERSONA] dar	HUTT	Value	
Alineral fore, concentrates, coal, sinue, etc.), anecify:						
C				·····	6.,	
b					8	
					3	
Other products (specify)	1		(S	
(Include receipts for power generated and sold.) Amount received for work, if any, performed for other establishming, shop work, mining, custom milling, and salling			, holating	, pump-	5	
Total value of all products				احسنسيت	D,	*****
Figurely the time of nee, scone, etc.						
 POWER EQUIPMENT.—Give figures for equipment as of the Nort.—III "Interrect" appliance is impose that which is explained being the series equipment or at stated stars intervals when on exceptional load occurs, classed on active. 	Equipment w	period e	overed by spout which arly used, by	this repo is used soly it not usual	ort. In case of breaks you full time, ab	items of Puld be
	,				Total hors	
	Number	Total ho	nt selecats	Number	torio	C bratt
d. Paime Movens-total, active and emergency: Steam engines						
Steam turbines	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		,	* * * * 7	EXXX	
Internal-combustion engines (oil, gas, gasoline, etc.)				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	***	
Water wheels and turbines				XXXX	XXXX	IXX
Total of above						
Rated horsepower of above equipment which is not ordinarily active (included in "Total of above")	****			***	• }	*******
b. Electric morons oriven by purchased cunnent—total, octive and emergency		<u> </u>				
C. ELECTRIC MOTORS DRIVEN BY CURRENT DENEBATED IN PLANT—	1	1			. 1	
total, active and emergency			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1-20		
d. Electric generators dutes by prime movers in the plant (do not include rotary converters or motor-generator sets)—total, active and ducegency	Number	Total kilo	TALL PARING	***		
	,		***************************************		-	
Rated capacity of generators which and not ordinarily						
Rated enpacity of generators which are not ordinarily active (included in "total, active and emergency")	[* * * * *	x x x x	* * *
Rated capacity of generators which and not ordinarily active (included in "total, active and emergency")	l		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
Rated capacity of generators which and not ordinarily active (included in "total, active and emergency")	l	for driving or	otale equips			
Rated expansity of generators which and not ordinarily active (technical in "total, active and emergency") [ptors, cle., used igo joponiusiyes			prot, such sa loss es on ar	appearing and	dehiners; Manica.
Rated capacity of generators which and not ordinarily active (tebulated in "total, active and emergency"). I tenorymeter "Mohie" the number and the total beresponer (Filage et enco. In leading mechanic, druit, perable primine, bears and rate; portable conveyers; and in	plants under	r the same o, but do	ownershi	post, such sa resister own: [1] during I fuel used	observation mand by radical con the period on I salely for high	ochines; ipanics. overed hting.
Rated capacity of generators which are not certificately active the foundation with a state and not certificately active and merepency". Introduction with the number of this deal forespower relacent removements and the problem of	plants under	r the same o, but do	ownershi	post, such sa resister own: [1] during I fuel used	undercutting mand by rankroad con	ochines; ipanics. overed hting.
Rated connectly of generators which are not ordinarily active the Chebuilden in 1001a, active and Energency Longituden 11th the Theorem 11th the Chebuilden in 1001a active and the Chebuilden in 1001a active the 1001a activ	plants under	r the same	ownershi not repor	eret, ruth se legites owar ip) during t fuel uses	Observation of the period of t	ochines; ipanics. overed hting.
Rated connectly of generators which and not ordinarily active the (behalind in "tolds, active and management"). Lating the control of the co	plants under	r the same	ownershi not report Unit or qu Long ton.	prot, such as equiver owner of the control of the c	Observation of the period of the period of the period of the telephone of telephone of the telephone of telephone	ochines; ipanics. overed hting.
Rated capacity of generators which and not ordinarily active the Chebuilde in "tolds, neitive and meregenes", ladding medical tracking and another politic and trace powerful generating of the continuous politic medical production and trace position description to the continuous politic medical production and trace position description to the continuous politic medical production of the continuous politic medical production of the continuous politics, acid, or by this report. Include fuel used for power, heat, drysing Coal, anthractic. Coal, anthractic.	plants under	r the same	ownershil not repor Unit or ou Long ion.	ip) during	Obdercating made by ranked con the period of the period of takely for high	ochiers; Panics. Overed hting,
Rated connectly of generators which and not ordinarily active the thousand in violation, active and management " Language under "shahe" the another politic tell to propose the transfer management to the content management	plants under	r the same	ownershi net report Uniter ou Long ion. Short ton.	ip) during	Observating many depression of the period of tabely for high	ochiers; Panics. Overed hting,
Rated capacity of generators which and not ordinarily active the Chebuilde in "tolds, neitive and meregenes", ladding medical tracking and another politic and trace powerful generating of the continuous politic medical production and trace position description to the continuous politic medical production and trace position description to the continuous politic medical production of the continuous politic medical production of the continuous politics, acid, or by this report. Include fuel used for power, heat, drysing Coal, anthractic. Coal, anthractic.	plants under	r the same	ownershil not repor Unit or ou Long ion.	ip) during	Observating many depression of the period of tabely for high	ochiers; Panics. Overed hting,
Rated connectly of generators which and not ordinarily active the thousand in violation, active and management " Language under "shahe" the another politic tell to propose the transfer management to the content management	plants under	r the same	ownershi net report Uniter ou Long ion. Short ton.	prost, such sa optives own: ip) during t fuel uses	Observating many depression of the period of a solely for high	ochiers; Panics. Overed hting,
Rated capacity of generators which and not ordinarily active the Chebuilde in "tolds, neitive and meregenes", Lading under "this," the analysis points and man postation descriptions, and the postation description of the control property of the second including that transferred from ninear, sells, or by this report. Include fired used for power, head, drying Coal, anthraedic. Coal, anthraedic. Coal, intiminous	plants under	r the same	ownershil net report Unit or qu Long ion. Short ton. Short ton. Jallon	prot, nuch sill nucl use of the control of fuel uses	Observating many depression of the period of a solely for high	ochiers; Panics. Overed hting,

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6. PERS	ons en resentativ	GAGEAL,—	data for	the marest	4, 1939, a represent	a per pay r attve or no	oll, ir ti rmal day,	is was not stating her dings.	6	(Data mare)	
Wh	st date is	uscit. Da	not count	the same p	erson twic	e under diff	ereni hez	dings.	A1	112	PENALE
	nonatran	OR FIRST	reunes.	fact antiles	ble to le	ernorstud :	compenie	.			
		employees as		time obline		or possica .	· · · · · · · · · · · · · · · · · · ·	,			
	b. Principal oppicities of componentions (Do not include directors united holding									i	
c. M	ANAGERR	SUCCEDINTE	NDENTS,	AND OTHER	RESPONS	BEG AUVIN	ISTRATIVE	EMPLOYER	87		
	TECHNICAL EMPLOYETS, MINING ENGINEERS, AND CHEMISTS; CLERKS, STENGGRAFHERS, BOOKKECCERS, AND OTHER CLERICAL EMPLOYEES ON SALART,									<u></u>	
Ĩ	Total asturied employees (sum of b and c)										
d. V	d. Wage banners, including Employers paid by the ton, car, tard, or Gymer Unit and										
MIMERA AND OTHERA COMPENSATES BY MARK OF PRODUCT. Report the number of ALL laborers (including stationary and locomotive engineers, track- men, machinists, carpenters, cic.) actually employed directly by the operator in con-										,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
										- 1	
	or the nea	test represe	intative d	ate. DO N	OT inclui	le persons t	ylus scora	act employe	d j.	1	
						1.11					
								out the plan			
6. WAG	EARNE	RS EMPLO	YED, BY	MONTHS.	- Give at	mber on pa	y roll for	week which justructions year 1929, is in 1928	included	lölli day ol	month.
ars.	to be incl	uded) Fig	ntes Siver	give number in this ing	niry alicul	d relate to	entendar	year 1929.	If remain	der of repo	ri refere
10 10	ama atha 930 which	r period, gr Llali within	that peri	od. (See I:	(p. 4) fig squiry 3.)	ures for the	ira mouti	is in 1958			
-		DYE GEORYD O						EVERBOYOUNG			*****
<u> </u>										Manage	Numer
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Feb		June		Och		Feb	1	June		Oct	1
Mar		July		Nov		Mar		July		New	1
				***************************************				Aug		Dec	1
<u> </u>	************	A11g		Deg		Apr					
7. SALAI	c bobuses	GES, AND or percents	CUNTR ges of pro	ACT WOR	K.—Amor sid either	ints paid (to officers a	luring th ul salaric	e period co Lemployees	or to tag	c earness.	Report
		e amount p									
								Inquiry 5-8			
ł.	BERATIVE	EMPLOYEE	TECHNI	CAL EMPLOY	EES. MINS	SO MNOINED	RS, CHUMI	RESCUVEIN	, STENDO	• .	
•								Inquiry 5-			
	FOR EXPL	OSIVES AND	GYILDR 6	GEPLIES AND	NED ENDÉ D BERVICE	B INCOINT	ው-4, አፍተደ ው 8¥ ችዘር	DEOUCTING COMPANY 1	D MENER		
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	TEST HALL	S. ETC., DUD	INC THE P	ERIOD COVE	ECH AS TO	NEELING, BI	PLOTEES .	ING, PÜMPIN WHONG COM	O, BOMING		
	B REPORT	ED UNDER I	TEST 6	*********			· · · · · · · · · · · · · · · · · · ·			R	*********
8. SUPPI	IES, FU	EL AND	ELECTR	ic curri	NT -Th	e tiems er	tered he	re signald	relato to	the arm	ants of
in o	uncetion	with the de	tion and c relepment	of the open	dretrie en Irian of th	e plant; he	til it is i	ning the per apractically	i to tebut	t pupplies a	nd tuel
bere	whether	enter the co costs given	are for "t	sed " or for	micyenen e	ed"	eriod. 1	ring the per approximable whole freigh	IL and Ra	mage conta	DIA16
	ST 02 LT	MINER AND	TIMBER D	SED FOR B	CPATHER, M	NE ECPPOR	TS. AND T	SACK TEES.	AND FOR		
	OTHER	PURFOSES:	IKUN AND	BTEEL FO	I BLACKS	KERRING AN	D FOR BA	tonis; Ex	LEEPERS,		
	AND OH	ERY SUPPLE	CTLT OR C	SOLD TO EMI	LOTEES;	VATER FOR	BOILERS A	NO OTHER P	URPOBER;	8	
		L YUEL FOR			D DUVING	see Inautes	12-a)			S	
		RCHARED EL							***********	5	
					-					***************************************	entranta.
	Tota	i post of sug	splies, (ue	il, and elect	rie curreni	(MICH Of a,	b, and c).			3	*******

b. Electric current. (Report current generated or purchased during the year for for lighting only should not report it.)	Kalewatt Bours	Corr
Denerated in the plant.		*******
Purchased		1 Kameran (1997)
B. EQUIPMENT PURCHASED:		
Report the total cost of machinery and other equipment purchased during	the year. (Do no	e lucinese intratrario
expenses)		- 3
b) DEFINIBITION OF SALES—To, the sinch a special Custon of Distribution Distribution forcing a sill be supplied for the use of all censualsyl locary departments of mining companies having apparaths locations and operated. The following questions apply to the channels introgel which the product loss in the proper spaces, the values (act. o. b. mine, mill, or querry prices) of product occurred. If exact heaver as me as switching price the best product as pyroxim.	ibution in 1930, orated sales compa- tal distinct merchan- ves the mining com- acts shipped or deliv- ations. See accom-	A special Wholesa nies and of all sellin dising establishment pany. Report belovered during the period panying instructions
	TONS .	VALUE
COAL:		
	<u>.</u>	
ownership, and sales to affiliated consumers. b. Sales direct to other consumers (including retailers) involted by main office.		
of the mining company		S.,,,
of the mining company Sales arranged and involced by scharate or branch sales offices of the mining company (which offices will make separate reports on the Wholesale Dis	!! .	i
tribution schedule)		\$
d. Sales through a separately incorporated seiling company owned by the same	·	S
interests as the mining company. c. Sales to independent wholesalers or jobbers, and sales through nonaffiliate.	1	1.
agents on commission,		
f. Other sales (specify type of outlet)		n same
Total		
NONMETALLIC MINERAL PRODUCTS:	, I·	I .
manufacturers, not affiliated with your company. (See instructions)		3
A. Transfers to processing and manufacturing plants owned by or affiliate	1	1.
(Sales through branch houses or subsidiary sales organizations of thi		
NOMETABLE MINERAL PRODUCTS: 9. Salts direct to concentration, incatenet, and questy-needucts plants, any 9. Salts direct to concentration, trustment, and property in the control of the		S
f. Sales to wholesslers and Jobbers (including expecting houses)		
k. Sales through agents, brokers, and other dealers, on a commission basis		
 Soles direct (not included in sales through channels listed above) to— Government agencies (Federal, State, and local)	1.	
		. S
Contractors (for Government construction)		\$
Contractors (for private construction)		\$
Railmads		. S
Public utilities	4-	\$
Other sales, not included above (specify)		S
Total		5
METALLIC MINERAL PRODUCTS:	1	1
m. Sales direct to blast furnaces, concentration plants, amelters (including sale on custom basis), refineries, and manufacturing plants. (See instructions m. Transfers to swence or affiliated concentration plants, blast furnaces, amelters.	1	1.
n. Transfers to owned or affiliated concentrating plants, blast furnaces, amelters		
refineries, and manufacturing plants. (See instructions)		8
refineries, and manufacturing plants. (See instructions). o. Sales through branch houses and subsidiary of saint ations (sales companies which are copulated as identical methandising catabilishments		1.
p. Sales to wholesalers and lobbers (including exporting houses)		-
e. Sales through mine agents, brokers, and other sleaters, on a commission bas		***************************************
Total		4
This to to Centry that the information contained in this report is correct a and belief, and covers the period from	nd complete to the	beat of my knowled
Reserved Market	M of Person furnishing ()	erretterverse grown
	·- e- fatton teterrojus ()	a mina (METIOD)
(Nationalists of Countylator)	LA ddi-rain	

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(c) Dry	Cashing of	perations	O Cover the
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(c) Dry	0000	0 0	0 0
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b. Type of esexuating equipment (indicate by check): (1) Nurvel. (2) Descriptor.	0		
(b) Dry		- 0	0
(b) Dry	éteam		
(b) Dr5		Interest nausurlates	E leutz
		POSSESS BY-	
(c) Wet (d) Lake			
(2) Pit			
(1) Hank			
a. Type of operation (indicate by check in proper squares):			
2. CHARACTER OF INDUSTRY:			
 Does this report cover the operations of More than one plant? (See General Instructions, above.) 	H proje	tate munher	
6. Do you openate some than one flast?	carest per	riemee sed	ress of
township, burough, or other civil division in which incated			
A. In PLANT LODATED WITHIN HOUNDAMES OF CITY, TOWN, OR VILLAGE AS INCORPORATE 12.	Varia Nei	. If not, no	nto the
g. POSP-OFFICE ADDRESS OF GENERAL OFFICE.			
4: COUNTY			
4 CITT, TOWN, OR VICLAGE	·		
Coner N	o)	ar maga	147.4
. Name of owner or operator			
a. Naus Cr flast			
1. DESCRIPTION OF PLANT:		*** * *** ***	
in the same county. Name and location of each plant must be exceibed.			
GENERAL INSTRUCTIONS.—Reports are required for all plants that were in operation during all or go Inquiry 2.) Separate reports are required for plants located in different country, but a combined tryoit may be made in the lame country. Name and location of such plant match be specified.	at of the	period covered	. (See
Note.—As used in this schedule, the word "plant" rignifics bank, pit, and marine of and according operations.			
th gate tepare.			
Under the law, no one not a sworn employee of the Burvau of the Centus will be permit and no information can or will be given out by the Burvau of the Conus to any person out in Government service or in private life, which could disclose, exactly or approximately,	telde that	Hureau, wh	iether laures
	ted to exa	milne unur r	epart.
SAND AND GRAVEL			
REQUIRED BY ACT OF CONGRESS APPROVED JUNE 18, 102		240	
CENSUS OF MINES AND OUARRIE	Q 10	220	
	fiden	th:	
Calcar Musball WASHINGTON	will 1	r upon exery i infument to i is data. All as a held in atric	t con-
(00)	e el als	upon every i	mining umlih
BUREAU OF THE CENSUS		oe daw makes i	t shii-
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DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS	F 70	• No	

Weight per cubic yard: Sand					pound	i the total selling for nearest point you should also i estimates mag s.
the sure to indicate below whether unit of measure	o in report is "	short tous"	ar "gyble y	ards."		
to set and a total or a set of	Wajii	10 4%P 600 EE	ttp .	,	Of WALTED	and party and
Kind of marphiat	Short tons or cu Fards Indicate which		Value	Sant lo	rist other	Value I. n. b. shipping po
Sano: Glass sand (far melting only). Molding sand (including pig-bed sand, steel,		s		APPLICATE A	Mc1,,	8
brass, from, core, etc.) Structural [ored in contracts and morter, for buildings, bridges, calverts, etc.) Paying amb toad making (concrete and other).						
Cutting and grinding sand.						
Fire or furnice sand		,,,,,,				
Piter sand. Railroad bellast (rand) Other sand (specify man)					***********	
GRAVEL: Structural (used in concrete, for buildings, bridges, universe, etc.)				************	***********	
Paying and road making (concrete and other) Railroad ballast (gravel)					•••••	
Alther gravel (specify use)				***********	••••••	
Other gravel (specify use) Total Cravel Grand Total Sand and Gravel						
TOTAL CHAVEL	nment as of th	e and of the	medad save	and buil	h	Catego broskdown o
GRAND TOTAL, SAND AND GRAVEL	nment as of th	e end of the	medad save	and buil	his report	o cate of breakdown o
TOTAL GRAVEL GRAN TOTAL SAND AND GRAVEL 1. POWER EQUIPMENT.— Give figures for equi More—by—company confident is much list to be the classed disperse. 1. The classed disperse is a second disperse of the classed disperse.	nment as of th	e end of the	period cave elica promptir i which is requir	ted by the true which he is marely to	his report	o cate of broat down o
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Total Cravel Grave Total Sain And Grave I. FOWER EQUIPALENT.—Clive figure for each Note-Type receptory "excellenteed that his baseling subment of a transmission which a con- money of the company of the company of the active subment of a transmission which when more served subment of transmission which a company of the company of the company Seam tenfore Total of above. Total of above. Total of above. Total of above.	pment as of the class of the cl	e end of the experience of the	period cave tilso promptly i which is reputa-	ted by the transfer to the tra	his report sured caly that usually Newtor	Cate of break down o
Total, Gravel. Grave Total, Sink and Gravel. 1. FOWER EQUIPMENT.— Clive figures for equilibrium of the control of the contro	punent as of the control of the cont	e end of the experience of the	period cave tilso promptly i which is repular tanguage	red by the street by used by the street by used by the street by used	his report	Canado basekdoza o pen full time, storel. Monings Total horseponer saring
Total, Gravel. Grave Total, Sake and Gravel. 1. FOWER EQUIPMENT—These figures for equilibrium of the control	pronot as of the property of t	e cod of the code	period coverage and period coverage and period coverage and period separate and period	ned by the state of the state o	his report used only it had sandh Number	Canado basekdoza o pen full time, storel. Monings Total horseponer saring
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4. TIME IN OPER	ATION AND HOU	RS OF LABOR:				
a. Namber of	DATS THE PLANT W	AS OPERATED DURIN	o thu peniod covers min operation. Days when we in actual operation.]	D		
Lo laziaded.	Do not epethol frunden	and bolidays unios plant	was to setual operation.]		berta itt jot nydet Ce	They begond Bot
(fn quatrer	ing h, e, and d, give j	paures based on pract	ice followed during the	year, termous o	mempiting to In-	scote miner
b. Normal new	ADDR OF HOUSE PLA	NT WAS OPERATED:	PER DAT	; PER W	/EEE	
e. Number or	sauera Normally	operated per day (1,	2, or 3)			************
	Upprated a		l			
			president. WAGE EARN: or to some other basis			
			PART TIME (PART of the			
			PRORIMATE DATES			ees or pare
5. PERSONS ENGA	GEDNumber un	gaged on a normal o	representative day,	howing here		
what date is us	ed. (Do not count	the same persons tw	led under different her	adinge.)	Date	tized)
					Mate	FEHRE
)	
a. Profrietor	OR FIRM MEMBERS	(not applicable to in	orporated companies).			
b. Principal of	splayers as follows: PPICERS OF CORPOR	ATIONS (do not inc	ude directors unless b	oolding other	1	
c. Managers, (SPECIMINTENDENTS	AND OTHER RESPON:	HELE ADMINISTRATIVE	EMPLOTEES:	1	
EUPLOYEES	EMPLOYEES; CLERES ON SALARY	, STENOGRAPHERS, F	OURKEEPERS, AND OTH	IER CLERICAL		
					1	
Total	salaried employees (sum of b and c)				
					l	
d. WAGE EARNE	e number of ALL to	terers (including st	ationary and locomoti employed directly by	ve engineers.		
trackme	n, machinists, carpe	nters, etc.) actually	employed directly by	the operator	1 :	
date. D	O NOT include per	sons who are not e	mployed on manual o	r mechanical	1	
A. WAGE PARKERS	S EMPLOYED BY	MONTHS Clive &	verage number on pay	roll for most !	mblab impluded	18th day of
month, if this v	ras a normal week.	If not, give number	verage number on pay for a normal week. (ry should relate to calc . 4) figures for those i ry 3.)	Follow instru	etions under In	dalta p-4 m
refera to some	other period, give u	inder "Remarks" ([. 4) figures for those	mouths in	19. II temam	ser of report
			Apr,			10
July	Aug		Oct		De	e,
popular or hear	entages of profits wi	nen paid either to of	unts paid during the icers and salaried emp	ayces or to w	ago entriers.	Report sep-
			regular employees. OF CORPORATIONS (see			
OTREIL CPE	BICAL EMPLOYEES O	N SALARY (SCO Inqui	INS, STENGGRAPHERS	, MOOKEEPE	NS, AND	
g. Net amount	PAID TO WAGE DARP	VERB AS DEFINED ON	DER INQUIRT 5-d		\$ <u></u>	
Total a	salaries and wages (s	rum of Items 4, 5, as	d c)	•••••	\$	
d. TOTAL AMOUS	AT PASE FOR CONTRA	CT WORK, BUCH AS D	ORING TEST HOLES, ET BATION IS REPORTED	C., DUNING THE	R PERIOD	
not include	e amounts paid for a	contract hanfage) 🛶	********************		· \$,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
8. SUPPLIES, FUEL	L AND ELECTRIC	CURRENTThe	tems entered here she	uld relate to t	he amounts of	supplies of
tion with the d	on and of fuel and d	Sectric current actua	lly used during the per	lod covered, fe	or any purpose	in connec-
8. SUPPLIES, FUEL every description tion with the di- basts, enter the	costs of the amou	ints purchased durin	the period. Include	freight and	haulage coats.	State here
whether costs g	liven are for "used"	or for "purchased.	EK TIES, AND FOR OTHE		· · · · · · · · · · · · · · · · · · ·	**********
IRDY AND	STEEL TUB BLACKS!	MITRIANO, POR TRACKS	AND REPAIRS, AND FO	B RENEWALS	AND RE-	
			julry 12-a)			
			iry 12-b)			
			ent (sum of a, b, and e)			
9. EQUIPMENT PL		and and electific citts	or course of a willing to	/	***************************************	
		and other equipmen	t purchased during th	he year. (De	o pot include	Installation
					5	
17-25)						11021
			2)			

,	Unit or	Garmana
Coal, anthracite		
Coal, bitumionus.		
Coke	Short top	
Firel oils (including crude oil and gas oils).	Collon	
Gasoline and koroseno.	Callen	
Retural gas	M. cu. O	
Manufactured gas	Menthaman	
 Electric connent. (Report current generated or purchased during the current for lighting only should not report it.) 	year for all uses; bu	it a plant which b
	KROWATT ROUS	d C017
Generated in the plant	[
Purchased		
 DISTRIBUTION OF SALES.—The following questions apply to the channels and gravel company. Report below, in the proper spaces, the values (itelevered during the period covered. If exact Squres are not available, given 	hrough which the pr at f. o. h. plant) of a the best possible a	oduct leaves the s products shipped pproximations,
s. Sales direct to ready-mixed concrete companies, concrete block and an	Toxa	VALPE
Sales direct to ready-mixed concrete companies, concrete block and till manufacturers, and manufacturers of other concrete products not amiliate with your company		
Sales in ready-mixed concrete companies, concrete black and tills manufacturers of other concrete products owned by or affiliated and the control of the concrete seventh of the control of the cont	:	}.
conducted as distinct merchandising establishments.	0	3
d. Sales to wholesalers and Jobhers		3
c. Sales through agents, brokers, and other desires on a commission hads J. Sales direct (not included in sales through channels listed above) to: Givenment agencies (Federal, Sistes, and least)		\$
(b) For highways, streets, and bridges. Contractor for Government construction— (b) For seneral construction (buildings, ste.)		\$
(6) For highways, streets, and hridges. Contractors for private construction— (a) For general construction (buildings, etc.)		S
(b) For raliposit general construction, other than ballast		
Railroads, for ballast		s
Public utilities, other than railreads	1	
Other sales; not included above (specify)		
Total		***************************************
This is to charry that the information contained in this report is correct a and besief, and covers the period from	nd complete to the l	cost of my knowles
(dignate base wast complete	le of person furnishing the	(alorma lien)
(Summing of Scammenter)		
	(Address)	
REMINEA:		1 11 11 11 11

. D E. D (Te be filled in by enum	CONFIDENTIAL GOVERNMENT REPORT	File No
FOR OFFICE USE ONLY	Form E8-100-X	
(Blate and County)	DEPARTMENT OF COMMERCE	The law makes it obli-
(City)	BUREAU OF THE CENSUS	gatory upon every manu- lecturer to furnish census data. All answers will be
(Industry Natabar)	WASHINGTON	data. All answerz will be bold in strict confidence.
CEN	SUS OF MANUFACTURES,	1929
CEN	SUS OF MINES AND QUARRIES,	1929
	REQUIRED BY ACT OF CONCRETE APPROVED HAVE AS ASSESSED.	
Under the law, report, and no infor whether in Govern figures in your repor	no one not a sworn employee of the Bureau of the Census will be permation can or will be given out by the Bureau of the Census to any persent service or in private life, which would disclose, exactly or approximation.	nitted to examine your on outside that Bureau, tely, any of the facts or
PERIOD COVERED business or fiscal ; a full year's opera	.—This report should relate preferably to the calendar year 1929; but it ms rear ending within the period from April 1, 1929, to March 31, 1939. It sho tions, unless the establishment was newly organized or went out of business	ly be made to cover the uld, in citier case, cover within the year.
	P ESTABLISHMENT	
	olishment (factory, mine, quarry, etc.)	
b. Name of owne	r or operator	
c. State	d. City, town, or village	
s. County	f. Street and number	
g. Post-office add	rese if different from location (d)	
THE AND IDECT.	INDUSTRY.—These answers should be as definite as possible in brief space, als, not broad general classes.	indicating specific prod-
a. Products	(Specify objet kinds of goods manufactured, work done, or minerals produced)	
b. Materials used	(If a manufacturing establishmens, specify principal kinds of materials or slock, in order	11
3. SCHEDULE MAIL	ED.—Has this catabilishment received a schedule by mail from the Bureau of	of Importance)
If so, has the se	hedule been filled out and returned to the Buřeau7	(Yes or No)
4. PERSONS ENGA	GED Number December 14, 1928, as per pay roll. If this was not a repres	entativo day, give data
for the nearest re proprietors; and engaged both in	ppresentative or normal dey, stating here what date is used do not include officials of corporation unless they receive salaries. For a development work and in production.	Do not include inea, report employees
Total nur	nber of employees	alca
	YAGES.—Total salaries and wages paid during period covered by this repor	t to employees reported
	\$.	
a Mareblaro pur	to a mine, give amount spent on development work	
TRIC CURREN and electric curr this basis, unter	2L, AND ELECTRIC CURBENT (FOR MINES AND QUARRIES, SUPPLI T).—The liam entered below should relate preferbily to the amounts of mate out actually used during the special covered to the it is impracticable to repe the cost of the amounts purchased during the period.	S, PUEL, AND ELEC- rials (or supplies), fuel, rt materials and fuel on
Total cost	of materials, fuel, and electric current\$	
7. PRODUCTS.— Reported (covered (covered (covered))	nort the not selling value at the factory, mine, quarry, etc., of all commodition, if more convenient, the value of sales, during the period, of commodities of correlate work and the value of work done on materials owned by others.	les produced during the f your own production).
	se of products	
vinnea for below,	ite a sawmill, a mine, or a quarry, give quantities of chief products during	
	t Shingles, thousands Heading, sets	
	Stayes, number, Other (specify	
Coal, tons	Ore or concentrates, tons Stone, slatu, co	C
B0022	(07210)	11-1010

Prime movers (steam engines, steam burbless, internal-combust or turbines). Electric motors driven by purchased current. 5. MERCHANDISING.—Does this establishment deal, as a new of the company of the	nerchant, to any important erector of the commedities so had to period covered? 3. report is correct and complet. 192, to	stent in communication in the state of the heat of the heat of the heat of the heat of the state	If my knowledge 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16
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DEPARTMEN BUREAU C	TOF COMME TOF COMME OF THE CENSUS BHINGTON		The lay make it addictory upon every commercial industrial, making or everying establishment to familish causes deta. All surveys will be held in strict 100 february.
ADMINISTRATIVE AND G	ENERAL	OFFICE S	CHEDULE
CENSUS OF MACENSUS OF MINES CENSUS OF D Required by act of Co	AND QU	ARRIES, 19: ON, 1929	29
This form is to be used in reporting officers and on with those reported for any one of the individual plants in cities, Sities, etc., where they are actually employe trative office controlling two or more factories, power is lichaments, mines, quarries, or distributing agendes (dot were in operation during any part of the year ended Decarbillahment obcated elsewhere if the employees of the	ployses of administ, The purpose of id. A report on this undries, dyeing and sales branches, is substituted in the content of	rative offices who can; his is to credit such of form is required for a cleaning plants, print liting stations, commiss for every separate offi led with those repurter	not properly he included ficers and amployees to roty separate adminis- ago r publishing estab- alon houses, etc.) which ce controlling one such I for the plante
Under the law, no one not a swern employee of report, and no information can or will be given out b whether in Government service or in private life, whi figures in your report.	the Bureau of the y the Bureau of the ch would disclose,	Census will be pern census to any perso exactly or opproximat	litted to examine your n outside that Bureau, ely, any of the facts or
1. NAME AND LOCATION OF ESTABLISHMENT: d. NAME OF ESTABLISHMENT. b. NAME OF OWNER OR OPERATOR.			
e. General office State	*******************************		******************************
2. SALARIED OFFICERS AND EMPLOYEES OF C and employees, as specified below, on the payroll or sentative date.	ENTRAL OFFICE December 14, 1929,	-Report the total nur or the nearest repro-	nbors of salaried officers NUMBER MALE FEMALE
a. Principal afficers of the corporation (do not i offices on salary)	******		
3. SALARIES.—Ropert the total amount of salaries padelines and employee reported in Inquiry 2, above a. Total salaries of principal officers of the corpora	d during 1929, or th	e period covered by th	is report, to the salaried
b. Total salaries of other central-office employees— Total		s, bookkeepers, etc	8 <u></u>
This is to centify that the information given in and bellef, and covers the period from			
	(Signature and o	Belal title of person supplying	the information)
(Signature of summerator)		(Address)	

	NAME		LOCATION	

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