J. P. FLAHERTY
PRESIDENT AND TREASURER

E. M. FLAHERTY
VICE PRESIDENT AND SECRETARY

Johnson Bronze Company

BEARINGS BUSHINGS -BRONZE- PRODUCTS

WORKS AND GENERAL OFFICES
New Castle, Pa.

June 9, 1944

BABBITT LINED BEARINGS

SHEET BRONZE BUSHINGS

ELECTRICAL BUSHINGS

JOHNSON
UNIVERSAL MACHINED BARS
SOLID AND CORED

INDUSTRIAL BEARINGS

PRODUCTS OF
JOHNSON BRONZE

Plain Cast Bronze Bushings
Cast Bronze Graphited Bushings
Bronze Backed Babbitt Lined Bearings
Locomotive and Mill Bronzes
Machined Solid and Cored Bars
Plain Sheet Bronze Bushings
Steel Backed Babbitt Lined Bearings
Sheet Bronze Graphited Bushings
Car Brasses, Miscellaneous Bronze and Brass Castings, Ledaloy Self-Lubricating Bearings
Bronze on Steel Bearings

Dr. Robert A. Kehoe
College of Medicine
Eden Avenue
Cincinnati 19, Ohio

SUBJECT: Spot tests.

Dear Dr. Kehoe:

We are enclosing herewith a synopsis of cases reported to us in which lead poison was claimed so you may have a rough idea of the number of tests and their results. We wish now to proceed with spot tests throughout the foundry.

At the present time we have about fifteen furnace tenders, five of which have already made spot tests. Do you think that if we furnish spot tests of five men ranging from one year's service to seventeen this should cover this unit? 2 invalid 3

We have about seventeen shake out men, upon which we have had four tests. Will five additional tests be sufficient? 1 invalid 4

We have twenty-six pourers, ten of which have already submitted spot tests. Will an additional ten be a sufficient number to give us a picture of this unit? 10

We have about forty-four molders, upon which you have made seven tests. What number do you suggest we take tests from now? 1 invalid 6

We have about thirty laborers, upon which we have run tests on three. How many additional men should we run tests on? We have five men employed in sand operation. You have a test on one and found that your analysis showed 0.26. Do you think it would be best to run the other four? 7 / invalid

KE 0013918

N16615

When these tests are made do you want a man's employment history to accompany the tests, also, a report of the man's physical condition made by Dr. Perry?

We just had the Industrial Hygiene Foundation run a dust count which is naturally too high. We are having outside engineers planning on further ventilation. We are now making a survey of industries engaged in like production to ascertain their methods in releaving the atmosphere of dust and fumes. We have contacted by correspondence the American Brake Shoe, Ampco, Lead Industries Associates, Walworth Manufacturing Company, St. Joseph Lead; if you have any to add to this list, we will appreciate it if you will get in touch with us at once. We believe at least one of these manufacturers is using a self-skimming covered ladle. We are trying to get more information on it.

Yesterday we purchased a sufficient number of the latest improved respirators that we are going to insist be used by our pourers, furnace tenders, and shake out men. We, also, bought a fume and dust sampler.

We will appreciate your usual prompt reply.

Yours very truly,

JOHNSON BRONZE COMPANY

Harry R. Bryant

Harry R. Bryant
Insurance Manager

HRB/imc

Enc

REPORTED LEAD POISONING CASES--

	Claim No.	Employee		Race	Age	Occupation	Employed
			7-43		35	P	8y3m
	7		7-8-43		32	SO	8y
	008				28	P	1y
	022				45	P	7y
	025				35	P	2y
	030				47	FT	14m
	031				33	P	2y
	035				44	SO	7m
	044				59	M	20y
	062			N	47	M	1y10m
P	073		5/30/44, 11/22/43	N	33	P	1y
SO	076		7/5/43, 10/30/43, 3/27/44	N	32	M	2y
FT	084		12/15/43, 5/17/44	N	37	FT	2y
P	086		12/20/43	N	45	P	10y
	088		1/3/44	W	54	Lab	9m
P	089		1/3/44 - 3/20/44	N	31	P	1y
FR	090		1/5/44	W	45	BL	11m
FR	092		1/5/44, 3/23/44	W	49	FT	11y
P	093		1/10/44	N	25	P	4m
P	095		1/17/44	N	38	P	5m
M	096		2/17/44	N	28	M	4m
P	097		1/44	N	35	P	1y4m
P	098		1/5/44, 3/4/44	N	25	P	1y2m
SO	104		1/31/44	N	34	Lag	7y
SC	108		2/24/44		24	Con	3y
M	109		2/4/44		28	M	6y
P	110		2/8/44, 5/30/44		28	P	5m
P	115		1/8/44		24	P	3y
	118		3/[illegible]/44		47	Fore	20y
FT	119		1/3/43, 11/22/44		46	P	8y
P/T	121		1/6/44		29	Ft	2y
	122		1-44		35	P	2y

JULY 1, 1943 to JUNE 10, 1944

Normal
Urine 010
Blood 007

N16615.01

Days Lost	Comp. Paid	Tests	Exposure		Remarks	
5					Terminated	
7					5/11/44	
0					7/27/43	
19	30.86					
0					8/9/43	
23	41.14					
14	17.97				Onleave	
7						
25	46.29					
0						
19	30.86	① 0.65 U ② 0.19 U				
39	82.28	~~0.06~~ 0.11	No	0.075 U - 0.085 ②	5/11/44	
65	167.14	0.13 and		0.19 U ①		
14	18.00	026	Do			
		011	No			
16	23.14	035	3t	0.13 U.	4/8/44	
35	72.00	0.05	No		3/8/44	
0	② 0.07.	035	3t			
19	30.86	~~030~~	3t	0.16	2/16/44	
2		~~045~~	4t	0.045	KEY	3/1/44
			4t			5/18/44
21	36.00	~~024~~	6t	N-Negro		
1	② 0.41	025	2t	W-White		
6	② 0.1	066	0.29 6t	P-Pourer		
		026	2t	SO-Shake out		
18	23.29	056	5t	FT-Furnace		
	① 0.35	044	4t	0.205 0.185 Tender		
9	7.71	060	6t	M-Molder		
16		035	3t	Lab-Laborer		
43	92.57	~~075~~ 0.17	7t	BL-Bricklayer	{0.27 0.23 U - [illegible]	
0		066	6t	Con-Conveyor		
9	5.14	064	6t	Fore-Foreman		
				SM-Sand Mixer		

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Claim No.	Employee	Name Correct	Race	Age	Occupation	Employed	Days Lost	Comp. Paid	Tests	Exposure
? 123	[redacted]	2nd/44		35	P	11m	14	16.00	004	6t
125				33	P	1ly	69	56.67	019	2t
126				00	Lab	1y4m	0			
127				32	SO	5y	0		006	No
FT 128				31	FT	3y	0	1.22	003 0.138	6t
139				31	FT	3y	1		(3) 026	2t
141				28	P	1y	21	30.00	041	4t
SO 143		3/11/44		54	SO	11m	6		6.03	No
M 144		3/15/44		41	FT	5y	42	20.00	034	3t 0.2
Labw 146		3/15/44	W	37	Lab	7y	33		0.05, 0.178	2t
146				35	SO	8ly	0			
148				31	P	1y6m	16		015	N11d
F 150				49	P	11y	69	161.37	07	No
F.R. 152		3/6/44		43	M	4m			010	No
153				33	Lab	3y			0.078	No
155		4/5/44	W	40	SM	2y0m	0		011 0.125	No
156		4/5/44	W	33	M	7y	0		011 0.098	No
160		4/8/44		31	P	8y	10		0.03 0.16	No
162		4/12/44	W	33	P	8ly	35	54.00	012 0.136	No
163		4/20/44	W	31	P	7y	0	0.54, 0.114	026 0.128	2t
164		4/27/44		29	P	8y10m	0		026 0.09	2t
		4/17/44		32	Lab	10m			008	No
		4/29/44		34	Lab	6m	6		020	2t
		4/[illegible]/44	I	40	M	4ly	0	0.22	028 0.14	2t
		5/5/44		43	BL	1y0m	8		011	No
8				37	FT	8ly	10	7.71		
		5/10/44		40	M	8ly	0		0.18 u - 0.03 Bl	
				22	P	6m				

Men suffering more than one attack:

[redacted]

Claim No.	Job	Period Employed
[redacted]	Lab	1/7/43
	P	5/15/43
	P	8/18/43
	M	8/9/43
	FR	7/13/43
	FR	2/5/42
	M	6/14/41
	M	3/29/37
	Lab	8/19/36
	Lab	2/21/29
	SO	4/29/43
	P	5/11/43
	SO	10/30/41
	PFT	5/23/41
	Lab	12/4/42
	FR	1/10/43
	M	3/20/36
	SC	1/23/41
	Lab	6/9/41
	P	4/26/33
	FT	6/13/41
	Lab	6/16/41
	M	10/9/39
	P	1/20/42
	M	3/16/44
	P	8/28/41
	Foro	1915
	M	2/22/37
	M	5/15/43
	Lab	4/7/43
	Ft	7/10/19
	FT	7/10/19
	P	2/3/43
	P	2/3/43
	SO	12/30/36
	FR	7/22/33
	FR	7/22/33
	P	7/18/43
	P	7/18/43

Date Reported Illness	Lost Time	Race	
5/26/44	1 4/7wks	N	
1/10/44	2 5/7wks	N	Out
1/17/44	2days	N	Out
4/24/44	6days	W	
5/5/44	2days	W	4F
1/5/44	4 wks	W	Out
7/17/43	2days	N	
3/18/44	6 wks	N	
3/15/44	5 3/7wks	W	Out
6/10/44		W	4F
3/11/44	6days	W	
4/20/44	5 wks	W	
4/22/44	4 wks	W	
1/6/44	None	W	
4/17/44	None	W	Out
3/6/44	None	W	Out
4/5/44	Able	W	
1/24/44	None	W	
4/5/44	None	N	Out
12/30/43	2 wks	N	
4/27/44	None	W	Out
12/27/43	None	W	Out
4/10/44	Able	N	
4/11/44	Able	N	
5/10/44	None	W	
1/19/44	1 3/7wks	N	
2/5/44	2 2/7wks	W	
2/4/44	1 4/7wks	N	
3/15/44	Able	N	
1/3/44	Able	W	
7/23/43	2 5/7wks	W	
1/22/44	6 1/7wks	W	
1/18/44	2days	N	
3/13/44	3 wks	N	
1/31/44	7days	N	
1/15/44	None	W	
3/23/44	2 3/7wks	W	
1/8/44	2 2/7wks	N	Out
3/11/44	2 2/7wks	N	Out

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[redacted]

FT	7/29/41
Ft	7/29/41
P	6/5/41
P	6/5/41
P	6/18/42
P	6/18/42
SC	1/22/43
SO	1/22/43
SO	1/22/43
SO	1/22/43
FT	1/29/41
FT	1/29/41

KEY

Lab - Laborer
P - Pourer
M - Holder
FR - Furnace Repairer
SO - Shake out
PFT - Pit furnace tender
FT - Furnace tender
SC - Sand Conveyor
Fore - Foreman
N - Negro
W - White
Out - Not employed now

12/13/43	10 2/7wks	N	
5/7/44	1 3/7 wks	N	
2/8/44	None	N	
5/30/44	2 3/7 wks	N	
11/22/43	2 5/7 wks	N	
2/7/44	4 1/7 wks	N	
7/3/43	7 days	N	
12/3/43	5 4/7 wks	N	
2/5/44	None	N	
3/27/44	3 wks	N	Out
1/15/44	None	N	
3/6/44	1 1/7 wks	N	