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Job Safety Analysis – Lidmen

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Contents

Abnormal Charging and Lidding (1976, J. Caturano)	3
Dampering Off Problem Ovens (1975, J.O. Moragne)	4
Dampering Off Doors (1975, C. Kozar).....	5
Reaming Steam Jets (1975, J. Garzella).....	6
Replacing Lids, Sweeping in Coal (1976, J. Garzella).....	7
Souping Lids (1976, J. Garzella).....	8
Standard Charging and Lidding (1976, J. Caturano).....	9
Discing (Sizing) Gooseneck (1984, DJ Podgorny)	10
Making Soup for Lids (1976, J. Garzella)	11

JOB SAFETY ANALYSIS <small>15-5808</small>		No. 2-B	
PLANT COKE		JOB OPERATION TITLE CHARGING OVEN AND LIDDING	
DEPARTMENT OVEN		POSITION TITLE OF MAN (MEN) WHO DOES (DO) THE JOB LIDMAN	
SUPERVISOR J. CATURANO			
REQUIRED AND/OR RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT		OBJECTS ON JOB CAPABLE OF INFLECTING INJURY	
1. Hard hat	5. Safety shoes	1. Larry car	5. Steam lines
2. Safety glasses	6. Good gloves	2. Lid bar	6. Open charge holes
3. Face shield	7. Fire retardant clothes	3. Broom	7. ¹⁰
4. Respirator	8. ¹¹	4. Rails	8. ¹²
SEQUENCE OF BASIC JOB STEPS	POTENTIAL HAZARDS	RECOMMENDED SAFE JOB PROCEDURE	REMAINING HAZARDS
ABNORMAL PROCEDURE OVEN OUT-OF-STEP			
Personally notify Lidmen, in advance, which out-of-step man is to be charged.		Follow from Procedure #4 on J.S.A. 2-A, since Oven was already dampered off. Again, watch out for the Larry Car. Use the Buddy System. Watch out for each other.	
APPROVED BY-GEN. FOREMAN	DATE	SUPERINTENDENT	DATE
		R.A. Nagan	2/16/76
		John Caturano	2/20/76
		SIGNATURE AND TITLE OF PERSON MAKING J.S.A. #45 L. Ward - #322 J. Penner (Lidmen)	

JOB SAFETY ANALYSIS No. 6-5808

PLANT
COKE
DEPARTMENT
OVENS
SUPERVISOR
J. MORAGNE

JOB OPERATION TITLE
DAMPERING OFF PROBLEM OVENS
POSITION TITLE OF MAN (MEN) WHO DOES (DO) THE JOB
LIDMAN

REQUIRED AND/OR RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT		OBJECTS ON JOB CAPABLE OF INFLECTING INJURY	
1. Hard Hat	5. Hot Mill Gloves	1. Lid Bar	9.
2. Safety Glasses	6. Respirator	2. Larry Car	10.
3. Safety Shoes	7. Lidman Shoes	3. Traction rails	11.
4. Face Shield	8.	4. Charging holes	12.
SEQUENCE OF BASIC JOB STEPS	POTENTIAL HAZARDS	RECOMMENDED SAFE JOB PROCEDURE	REMAINING HAZARDS
Turn on aspiration steam	SB - CBY - CW	Stand up wind and to one side - use lid bar to turn on steam - be aware of lid of adjacent oven.	Travel of Larry Car.
Cross to west lid	SB - CB - FS	Be alert for Larry Car travel, do not cross in immediate area of problem oven.	
Crack west lid slightly Do not remove	CBY - CW - FS - SB - SA	Stand upwind and away from lid, use lid bar hooked on logs of lid to loosen lid, be alert for Larry Car travel and traction rails.	
Crack center lid - do not remove.	CBY - CW - FS	Same as west lid	
Turn off steam and close Pulman Damper.	SB - CW - CB - FS	Be alert for Larry Car travel - Be aware of closeness of stand pipes - Use end of lid bar to pull damper.	
Raise stand pipe cap	SB - CBY - CW - FS - CB - SA	Face shield in place - Stand upwind and to one side - Use lid bar to raise cap. Be alert for possible flame from stand pipe.	
Cross to west lid and ease lid off charging hole.	SB - CBY - CW - FS	Be alert for adjacent charging holes, watch pressure on charging hole, remove lid when pressure subsides.	
APPROVED BY SEN. FOREMAN DATE	SAFETY COORDINATOR	SUPERINTENDENT	DATE
		B. A. Kegan	7/3/75
		SIGNATURE AND TITLE OF PERSON MAKING JS J. O. Moragne	

JOB SAFETY ANALYSIS
18-5808 No. 2

PLANT
CHICAGO
DEPARTMENT
OVENS
SUPERVISOR
GARZELLA

JOB OPERATION TITLE
REAMING STEAM JETS
POSITION TITLE OF MAN (MEN) WHO DOES (DO) THE JOB
LIDMAN

- REQUIRED AND/OR RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT
1. Safety glasses
 2. Hard hat
 3. Safety shoes
 4. Respirator
 5. Gloves - good condition
 6. Face shield
 7. Snood
 8. Wristlets, Lidman shoes

- OBJECTS ON JOB CAPABLE OF INFLECTING INJURY
1. Broom
 2. Lidman tool
 3. Steam
 4. Standpipes
 5. Larry car traction rails
 6. Steampipe
 7. Charging holes
 - 8.
 - 10.
 - 11.
 - 12.

SEQUENCE OF BASIC JOB STEPS	POTENTIAL HAZARDS	RECOMMENDED SAFE JOB PROCEDURE	REMAINING HAZARDS
1) Turn off aspiration steam.	SB, CBY, CW.	Stand upwind and to one side. Face shield and respirator in place.	Travel of Larry Car.
2) Use wrench to remove plug.	CBY, SA.	Plug is hot. Pinch point - standpipe shield. Do not hold plug - set it in a safe place.	Hot standpipes.
Insert reamer and turn as reamer advances and remove reamer.	CBY, SA.	Standpipe hot - reamer will become hot. Beware of pinchpoint as reamer advances.	Same as above.
Replace plug and turn aspiration on and off.	SB, CBY, CW.	Stand upwind and to one side.	Same as above.
	Do not place plug - wrench - reamer on your person - May be hot - causing serious burn or damage to your clothes.		

APPROVED BY - GEN. FOREMAN DATE
E. Moragne

DATE
8/30/75

INTENDENT
A.N. 9/5/75

DATE
8/30/75

SIGNATURE AND TITLE OF PERSON MAKING JS
#103 J. Foote
J. Garzella, Oven Foreman

JOB SAFETY ANALYSIS No. A-6		PLANT COKE		JOB OPERATION TITLE REPLACING LIDS - SWEEPING IN COAL	
		DEPARTMENT OVENS		POSITION TITLE OF MAN (MEN) WHO DOES (DO) THE JOB LIDMAN	
		SUPERVISOR JACK GARZELLA			
REQUIRED AND/OR RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT			OBJECTS ON JOB CAPABLE OF INFLECTING INJURY		
Safety glasses Hard hat Safety shoes Respirator			1. Steam 2. Broom 3. Lidman tool 4. Larry car 5. Snood 6. Gloves in good condition 7. Face shield 8. Wristlets 9. Traction rails 10. Flames 11. Stand pipes 12. Steam lines		
SEQUENCE OF BASIC JOB STEPS	POTENTIAL HAZARDS	RECOMMENDED SAFE JOB PROCEDURE	REMAINING HAZARDS		
1) Cross to east lid.	CB, CBY, FS, SB.	Beware of traction rails. Beware of open lids on ovens.	Travel of larry car.		
2) Sweep coal into charging hole east and seat lid.	CBY, CB, FS, E, SB.	Face shield in place. Stand upwind. Watch footing.	Use Buddy system. Use all safety equipment.		
3) Cross to center charging hole.	CW, CBY, FS, SB.	Beware of traction rails. Beware of open lids on ovens.	Use all safety equipment		
4) Sweep coal into charging hole center and seat lids.	CBY, CB, FS, E, SB.	Face shield in place. Stand upwind.	" " "		
5) Cross to west charging hole.	SB, CBY, CW, FS.	Beware of traction rails. Beware of open lids on ovens.	" " "		
6) Sweep coal into charging hole west and seat lid.	CBY, CB, FS, E, SB.	Face shield in place. Stand upwind. Do not seat west lid until oven has been leveled and is drawing.	" " "		
7) Soup lids.	SB, CW, CB, FS, E.	Beware of traction rails. Beware of open lids on ovens. Stand upwind.	" " "		
8) Remove aspiration steam.	SB, CW, CB, FS.	Stand upwind. Face shield in place.	" " "		
(CONTINUED)					
APPROVED BY-GEN. FOREMAN DATE	SAFETY COORINATOR	DATE	SUPERINTENDENT	DATE	SIGNATURE AND TITLE OF PERSON MAKING J.S.A.
			R.A. Nagan	3/10/76	J. Garzella, Oven Foreman

JOB SAFETY ANALYSIS
15-5804

No. A-6

PLANT CHICAGO	JOB OPERATION TITLE SOUPING LIDS
DEPARTMENT OVENS	POSITION TITLE OF MAN (MEN) WHO DOES (DO) THE JOB LIDMAN
SUPERVISOR GARZELLA	

REQUIRED AND/OR RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT	OBJECTS ON JOB CAPABLE OF INFLICTING INJURY
1. Safety glasses	1. Broom
2. Hard hat	2. Lidman tool
3. Safety shoes	3. Steam
4. Respirator	4. Stand pipes
5. Gloves - good condition	5. L.C. Traction rail
6. Face shield	6. Lids
7. Snood	7. Charging hole
8. Wristlets Lidman shoes	8.

SEQUENCE OF BASIC JOB STEPS	POTENTIAL HAZARDS	RECOMMENDED SAFE JOB PROCEDURE	REMAINING HAZARDS
1. Carry soup bucket to east charging hole.	SB, SA, FS, E, CB, O, CBY	Step over traction rails. Do not touch lid or casting. Wear all safety equipment. Do not place head over lid. All equipment is hot. Do not step on lids. Use Buddy system with larry car operator. Beware of adjacent ovens.	Inspect tool. Larry Car travel. Use dipper only. Poor visibility in rainy weather conditions. Very hot in summer time.
2. Enter and charging hole.	SB, SA, FS, E, CB, O, CBY	Same as above.	Same as above.
3. Inspiration	SB, CBY, O	Stand upwind and to one side. Remove slowly. Beware of adjacent ovens.	Same as above.

APPROVED BY-GEN. FOREMAN	DATE	SAFETY COORDINATOR	DATE	SUPERINTENDENT	DATE	SIGNATURE AND TITLE OF PERSON MAKING JSA
				R.C. Rankin	4/3/76	J. Garzella, Oven Foreman

JOB SAFETY ANALYSIS No. 2-A
18-3808

PLANT COKE	JOB OPERATION TITLE CHARGING OVEN AND LIDDING
DEPARTMENT OVEN	STANDARD PROCEDURE
SUPERVISOR J. CATURANO	POSITION TITLE OF MAN (MEN) WHO DOES (DO) THE JOB LIDMAN

REQUIRED AND/OR RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT		OBJECTS ON JOB CAPABLE OF INFLICTING INJURY	
1. Hard hat	5. Safety shoes	1. Larry car	5. Steam lines
2. Safety glasses	6. Good gloves	2. Lid bar	6. Open charging holes
3. Face shield	7. Fire retardant clothes	3. Broom	7. holes
4. Respirator	8.	4. Traction rails	8.

SEQUENCE OF BASIC JOB STEPS	POTENTIAL HAZARDS	RECOMMENDED SAFE JOB PROCEDURE	REMAINING HAZARDS
1) Take Oven off main by closing Pullman damper.	FS.	1) Pull damper closed with lug on lidbar. watch footing to prevent falling.	Watch for Larry Car.
2) Raise stand pipe cap.	FS, E.	2) With Lidbar, crack cap slightly to relieve pressure before opening. Face shield in place.	Watch wind direction for fire. Loose carbon particles from gooseneck.
Remove charging hole lids.	FS, E.	3a) Crack each lid slightly to relieve pressure before opening. 3b) Watch footing to prevent falling. 3c) Watch for fire from charging holes.	Traction rails - Tripping hazard.
4) Lid and soup after charge.	SB, FS, E.	4a) After larry car has charged oven and departed for coal bins, cross over rails and sweep excess coal into east charging hole. Place and seat lid. 4b) Proceed to center and repeat.	Step over rails - not on top. Do not step on lids of adjacent ovens.

(OVER)

BY GEN. FOREMAN DATE	SAFETY COORINATOR DATE	DATE	SIGNATURE AND TITLE OF PERSON MAKING J.S.A.
		2/20/76	John Caturano

Discing (Sizing) Gooseneck (1984, DJ Podgorny)

JOB SAFETY ANALYSIS <small>18-5808</small>		No. _____	
PLANT Chicago - Coke		JOB OPERATION TITLE DISCING(SIZING) GOOSENECK	
DEPARTMENT Ovens		POSITION TITLE OF MAN (MEN) WHO DOES (DO) THE JOB Lidman	
SUPERVISOR _____		_____	
REQUIRED AND/OR RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT		OBJECTS ON JOB CAPABLE OF INFLECTING INJURY	
1. safety shoes 2. flame retardant clothing 3. gloves 4. hard hat	5. face shield 6. eye glasses 7. snood 8. wristlets	1. disc 2. hot steam pipes 3. flames 4. hot liquor	5. hot carbon sparks 6. _____ 7. _____ 8. _____ 9. _____ 10. _____ 11. _____ 12. _____
SEQUENCE OF BASIC JOB STEPS	POTENTIAL HAZARDS	RECOMMENDED SAFE JOB PROCEDURE	REMAINING HAZARDS
1. Lift disc into gooseneck opening.	1. SB - CBY - SA - CW - O	1. Use both hands and proper lifting technique.	1. Flying sparks 1a. Hot liquor splash back.
2. Firmly grip disc handle and move disc towards back of gooseneck.	2. CBY - SA - CW - E	2. Disc should move without much resistance - if it does not, then gooseneck needs to be cleaned before sizing.	2. Same as above
3. Pull disc back towards you	3. SB - CBY - CW	3. Firmly grip with both hands & pull back towards yourself. Be sure of firm footing.	3. Do not step of lid
4. Turn disc 1/2 turn and repeat steps 2 & 3	4. Same		
5. Turn disc 1/2 turn and repeat steps 2 & 3.	5. Same		
6. Remove disc from gooseneck & place on battery.	6. SB - CBY - CW - E	6. Disc is hot. Place between uptakes to avoid tripping hazard.	
APPROVE	COORDINATOR	DATE	SUPERINTENDENT
<i>[Signature]</i>	<i>[Signature]</i>	5/28/84	5/28/84
			DATE
			SIGNATURE AND TITLE OF PERSON MAKING S.S.A.
			<i>[Signature]</i>

Making Soup for Lids (1976, J. Garzella)

REQUIRED AND/OR RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT		OBJECTS ON JOB CAPABLE OF INFLECTING INJURY	
1. Safety glasses	5. Gloves - good condition	1. Broom	5. Larry car traction rails
2. Hard hat	6. Face shield	2. Lidman tool	6. Steam pipes 10.
3. Safety shoes	7. Snood	3. Steam	7. Charging holes 11.
4. Respirator	8. Wristlets - lidman shoes	4. Standpipes	8. 12.
SEQUENCE OF BASIC JOB STEPS	POTENTIAL HAZARDS	RECOMMENDED SAFE JOB PROCEDURE	REMAINING HAZARDS
1. Lifting clay bags on pallet and placing on larry car.	CBY, CW, CB, FS, O.	Keep arms in front of you. Keep your back straight. Lift with arms and legs.	Larry car traction rails.
2. a. b.		Beware of strapping - sharp. Beware of pinch points. Larry car may be hot from a charge.	Beware of larry car movement. Weather conditions.
3. Removing clay bags and placing them in soup tank.	CBY, CW, CB, FS, O, SA.	Same as above. Top of tank is sharp. Steam pipe is hot. Steam may blow soup in air. Open slowly. Ladder to coal scale. Slipping hazard around tank. Poor lighting at night.	Larry car rails. Larry car movement.
4. Add steam and water for soup mixing.	CBY, CW, CB, FS, O, SA.	Stand upwind. Same as above.	Same as above.
5. Fill soup bucket and place it near first oven to be charged.	Same as above.	Same as above.	Same as above.
APPROVED BY - GEN. FOREMAN	SAFETY COORDINATOR	DATE	SIGNATURE AND TITLE OF PERSON MAKING J.S.A.
			R. C. Rankin 6/1/76 J. Garzella, Oven Foreman

JOB SAFETY ANALYSIS
15-3808

No. A-9

PLANT

CHICAGO

DEPARTMENT

OVENS

SUPERVISOR

J. GARZELLA

JOB OPERATION TITLE

MIXING SOUP FOR LIDS

obso.

POSITION TITLE OF MAN (MEN) WHO DOES (DO) THE JOB

LIDMAN