

Acme Coke
11236 S. Torrence Ave.
Chicago IL 60617



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Job Safety Analysis (Other)

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SAFETY ANALYSIS No. 94 <small>5868A</small>		PLANT Chicago Coke Plant	JOB OPERATION TITLE Operating Mobile Lifts on Battery	
		DIVISION Ovens	POSITION TITLE OF EMPLOYEE(S) WHO DOES (DO THE JOB) Patchers & Door Repairman	
		SUPERVISOR H. Thomas	#6 F. Brassel #1760 H. Carter	
REQUIRED AND/OR RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT		OBJECTS ON JOB CAPABLE OF INFLECTING INJURY		
1. Hard Hat 2. Safety Glasses 3. Safety Shoes 4. Gloves	5. Respirator 6. Flame Retardant Clothing 7. Face Shield 8. Wristlets, Snoods, Harness	1. Pusher 2. Door Machine 3. Quench Car 4. Pinch Points	5. 6. 7. 8.	9. 10. 11. 12.
SEQUENCE OF BASIC JOB STEPS	POTENTIAL HAZARDS	RECOMMENDED SAFE JOB PROCEDURE		REMAINING HAZARDS
1. Notify operators and Foreman of intent to use lift on bench.	SB, CBY, SA, CW, SB, FB, FS	1. Make supervisors and operators aware of intent to use mobile lifts on bench. Do not check lift for proper operation on bench.		Lift may get struck by pusher or door machine if checked on bench.
2. Check forks or platform lift for proper operation.	SB, CBY, SA, CW, CB, FB, FS	2a. Check for smooth forward and backward motion, for smooth up and down and tilt operation. b. Check platform hand railing and safety chain. c. Check horns. d. Check platform floor for damage and any tripping and slipping hazards. e. Check forks for bends and alignment.		
3. Check fork lift cage.	SB, CBY, SA, CW, CB, FB, FS	3a. Check hand railing, floor safety, and check safety on chain across doorway. b. Check cage for dents, broken supports.		
4. Couple cage to fork-lift.	SB, CBY, SA, CW, CB, FB, FS	4a. Align forks and cage, advance lift forward slowly until cage is coupled. b. Attach shackle from cage to lift. Raise cage and check under side of cage for proper coupling and condition of under side of cage.		
5. Travel lift to assigned area.		5a. Obtain pushing schedule to coordinate time. b. Place safety harness on. c. Make certain bench is clear or pusher or door machine are not moving past.		
DEVELOPED BY H. Thomas	DATE 3-11-94	APPROVED BY - AREA MANAGER P. Bridgeman	DATE 3-11-94	SAFETY REPRESENTATIVE <i>Zak...</i>
				DATE 3/31/94
				DIVISION MANAGER <i>...</i>
				DATE <i>...</i>

Repair Quench Valve (1989, unsigned)

JOB SAFETY ANALYSIS
15-3608

No. 32

PLANT
CHICAGO COKE PLANT
DEPARTMENT
MAINTENANCE
SUPERVISOR

JOB OPERATION TITLE
REPAIR QUENCH VALVE
POSITION TITLE OF MAN (MEN) WHO DOES (DO) THE JOB

MECHANICAL TECH.

REQUIRED AND/OR RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT		OBJECTS ON JOB CAPABLE OF INFLICTING INJURY		
1. Hard Hat	5. Safety Lock	1. Hot Water	5.	9.
2. Safety Shoes	6.	2. Hammer	6.	10.
3. Safety Glasses	7.	3. Wrenches	7.	11.
4. Gloves	8.	4.	8.	12.

SEQUENCE OF BASIC JOB STEPS	POTENTIAL HAZARDS	RECOMMENDED SAFE JOB PROCEDURE	REMAINING HAZARDS
NOTIFY OVEN FOREMAN JOB IS TO START			
1. Isolate valve.		1. Close inlet valve to quench pump.	
2. Shut off pump.		2.a. Mechanical Tech. to install safety lock. b. Open quench valve to empty tank.	
3. Remove packing gland.	Valve could be hot.	3. Wear gloves.	
4. Remove packing.	Packing could be hard to pull. Packing hook could slip.	4. Clear floor area around valve. Use caution on proper footing.	
5. Install new packing.	Pinch points.	5. Press in packing with gland. Use caution when striking gland with hammer.	
6. Tighten gland.	Pinch points.	6. Adjust wrench to proper size to avoid slipping.	
7. Remove safety lock		7. Notify oven personnel.	
8. Start pump.		8. Start east or west pump.	

APPROVED BY: GEN. FOREMAN DATE: *Zaludac 7/8/89*
 SAFETY COORDINATOR DATE: *[Signature]*
 SUPERINTENDENT DATE: *7-6-89*
 SIGNATURE AND TITLE OF PE: *Revised 5-26-89*

JOB SAFETY ANALYSIS No. 103
15-5908

PLANT Chicago Coke Plant	JOB OPERATION TITLE Sandblasting
DEPARTMENT Ovens	POSITION TITLE OF MAN (MEN) WHO DOES (DO) THE JOB Door Repairman
SUPERVISOR Thomas	

REQUIRED AND/OR RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT		OBJECTS ON JOB CAPABLE OF INFLICTING INJURY		
1. Fire Retardent Clothing	5. Gloves	1. Sand Blaster	5. Oven Doors	9. Sand Bags
2. Safety Shoes	6. Respirator	2. Sand	6. Hoses	10.
3. Safety Glasses	7. Snood	3. Air	7. Locking Bars	11.
4. Hard Hat	8. <i>Safety Harness</i>	4. Loose Carbon	8. Mibile Equipment	12.

SEQUENCE OF BASIC JOB STEPS	POTENTIAL HAZARDS	RECOMMENDED SAFE JOB PROCEDURE	REMAINING HAZARDS
1. Position sand blaster	CB, O, FS	1A) Make sure area is free from debris 1B) Set machine on firm and smooth surface. 1C) When blasting in confined space be constantly aware of pinch points. 1D) If machine is fully loaded with sand, have someone help reposition or move machine.	Bumping into something and tripping.
2. Connect air hose.	SA, SB, CBY	2A) Do not turn air on until you check and make sure fittings are secure. 2B) To insure additional safety, use safety clamp on the two (2) Chicago fittings to prevent from coming apart.	Ruptured air hose. Dust in eyes.
3. Load blaster with sand.	CW, SB, FS, O, SA	3A) Remove top from blasting unit. 3B) Lift bag of sand and place on blaster hopper. 3C) Use knife or sharp object to open one end of bag. 3D) Empty sand into hopper. 3E) Make sure no paper from bags got into hopper.	Sprained muscle, hit hand on rim of hopper
4. Place protective hood cover on head and check fresh air supply.	CA, CBY	4A) Blow air line out before turning air on to hood. 4B) Pull protective head cover over your head - notice fresh air supply. (see back side)	Scratch or irritate face or next

APPROVED BY: GEN. FOREMAN /s/ P. Bridgemen	DATE 4-13-89	SAFETY COORDINATOR <i>T. Zillman</i>	DATE 5/18/89	SUPERINTENDENT <i>Ray</i>	DATE 5/18/89	SIGNATURE AND TITLE OF PERSON MAKING J.S.A. <i>George Thomas</i>
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SAFETY ANALYSIS No. 5

PLANT COKE	JOB OPERATION TITLE SPOONING COLLECTOR MAIN
DEPARTMENT OVENS	POSITION TITLE OF MAN (MEN) WHO DOES (DO) THE JOB SPRAY MAN
SUPERVISOR J. MORAGNE	

REQUIRED AND/OR RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT		OBJECTS ON JOB CAPABLE OF INFLECTING INJURY	
1. Hard hat	5. Respirator	1. Spooning tool	5. Hook for removing plugs.
Safety glasses	6. Good-condition clothing	2. Air hose	6. 10.
Safety shoes	7.	3. Liquor lines	7. 11.
Hot mill gloves	8.	4. Escaping gases	8. 12.

SEQUENCE OF BASIC JOB STEPS	POTENTIAL HAZARDS	RECOMMENDED SAFE JOB PROCEDURE	REMAINING HAZARDS
1) Secure air hose and take to top of collector main and hook up.	CB, FS, FB, SB.	Make sure hose is well rolled up and tied so as not to cause a tripping hazard. Watch footing when climbing steps leading to top of collector main. Be alert for larry car movement.	Passing quench car may have green push - flames may cause burns.
2) Carry spooning tool to area where work is to begin.	FS, CB, CW.	Be alert for liquor lines as a tripping hazard; also air hose.	
3) Stretch air hose out so that discharge end of hose is at the spooning hole you are to begin spooning.	FS, CW, CB.	Be alert for liquor lines as a tripping hazard.	
4) Turn on air with just a minute pressure so that hose does not whip around to blow escaping gases from spooning hole away from you.	SB.	Anchor or secure hose to liquor line into main with wire to prevent hose from whipping around.	Green push in passing quench car may cause burns.

(OVER)

GEN. FOREMAN DATE	SAFETY COORDINATOR	DATE	SUPERINTENDENT	DATE	SIGNATURE AND TITLE OF PERSON MAKING JSA
			R.C. Rankin	4/30/76	J. E. Moragne
				5/5/76	John L. Dunn