

**ExxonMobil Refining & Supply - Global Remediation**  
**JOB SAFETY ANALYSIS**      Revised April 2008

COMPANY/ PROJECT NAME or ID/ LOCATION ( City, State) Former East Chicago Terminal- Building Addition	DATE 4/10/2012	<input checked="" type="checkbox"/> NEW <input type="checkbox"/> REVISED	PAGE 1 of 2
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WORK ACTIVITY (Description):

## Concrete Work

DEVELOPMENT TEAM	POSITION / TITLE	REVIEWED BY:	POSITION / TITLE

**MINIMUM REQUIRED PERSONAL PROTECTIVE EQUIPMENT ( SEE CRITICAL ACTIONS FOR TASK-SPECIFIC REQUIREMENTS)**

<input checked="" type="checkbox"/> REFLECTIVE VEST	<input type="checkbox"/> GOGGLES	<input type="checkbox"/> AIR PURIFYING RESPIRATOR	<input checked="" type="checkbox"/> GLOVES Cut-resistant
<input checked="" type="checkbox"/> HARD HAT	<input type="checkbox"/> FACE SHIELD	<input type="checkbox"/> SUPPLIED RESPIRATOR	<input type="checkbox"/> OTHER Chaps
<input type="checkbox"/> LIFELINE / HARNESS	<input type="checkbox"/> HEARING PROTECTION	<input checked="" type="checkbox"/> PPE CLOTHING	
<input checked="" type="checkbox"/> SAFETY GLASSES	<input checked="" type="checkbox"/> SAFETY SHOES		

<sup>1</sup> JOB STEPS	<sup>2</sup> POTENTIAL HAZARDS	<sup>3</sup> CRITICAL ACTIONS TO MITIGATE HAZARDS
1. Inspect all equipment being used.	Slips, trips and falls	Identify/mark slip, trip and fall hazards.
2. Install Forms, and Rebar	Heavy lifting Pinch points Sharp objects	Use legs to lift, do not bend at the waist Keep hands clear of closing objects Use cut resistant gloves
3. Cast in place concrete	Chemical/ Concrete Burns  Heavy lifting  Slips, trips and falls	Use gloves, safety glasses and wash off splattered concrete asap Use legs to lift, do not bend at the waist  Inspect work area, move material that may cause trips prior to performing work.
4. Clean up	Slips, trips and falls  Lifting	Inspect work area, move material that may cause trips prior to performing work.  Use proper lifting techniques/buddy system.
5. Secure tools.	Slips, trips and falls  Security	Inspect work/staging area.  Lock equipment. Lock away tools.
6.		
7.		
8.		

<sup>1</sup> Each Job or Operation consists of a set of steps. Be sure to list all the steps in the sequence that they are performed. Specify the equipment or other details to set the basis for the associated hazards in Column 2

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## JOB SAFETY ANALYSIS

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<sup>2</sup> A hazard is a potential danger. What can go wrong? How can someone get hurt? Consider, but do not limit, the analysis to: **Contact** - victim is struck by or strikes an object; **Caught** - victim is caught on, caught in or caught between objects; **Fall** - victim falls to ground or lower level (includes slips and trips); **Exertion** - excessive strain or stress / ergonomics / lifting techniques; **Exposure** - inhalation/skin hazards. Specify the hazards and do not limit the description to a single word such as "Caught"

<sup>3</sup> Aligning with the first two columns, describe what actions or procedures are necessary to eliminate or minimize the hazards. Be clear, concise and specific. Use objective, observable and quantified terms. Avoid subjective general statements such as, "be careful" or "use as appropriate".