

SAFETY INSPECTION FOR MISCELLANEOUS EQUIPMENT U.S. Army Engineer District, Detroit		Date of Inspection:		
Contractor or Unit		Contract No. Or Activity		
Inspected by (Signature)		Witness (Signature)		
CRANE/DERRICK INSPECTION CHECKLIST		Yes	No	N/A
NOTE: Safety and Health Requirements Manual (EM385-1-1 (15 Sep 08)) references in parentheses.				
1	Are the following documents with the crane at all times? (16.G.01(a) (b) (c) (d) (e))			
1a	Operating manual from the manufacturer for the specific crane being inspected.			
	(1) Any operator aids for which the crane is equipped?			
1b	Load rating chart for the crane which shall include:			
	(1) The crane make and model, serial number, and year of manufacturer			
	(2) Load ratings for all crane operating configurations: including optional equipment			
	(3) Wire rope type, size, and reeving; line pull, line speed and drum capacity			
	(4) Operating limits in windy or cold conditions			
1c	Crane log book that shows operating hours, inspections, tests, maintenance & repair. Note 1: Has log been updated daily when crane is used and is it signed by operator & supervisor? Note 2: Mechanics shall sign after conducting maintenance or repairs.			
2	Does operator have certification that he meets operator qualification and training as stated in (16.B)?			
3	Has a hazard analysis been completed for set-up and set-down procedures (mobilization, assembly, dismantling, etc.) on Portal, Tower, & Pillar Cranes. (16.K.02(c))			
4	Are adequate clearances provided from electrical sources, fixed objects, and swing radius? (11.I.03, 16.G.09(a) 9b) and Table 16-3)			
5	Is communication provided as required? (16.G.05)			
6	Has inspection been performed in accordance with 16.A.02?			
7	Have operational and load tests been performed in accordance with (16.F.02 and Appendix I)?			
8	Are tag lines used to control loads? (16.G.07)			
9	Is critical lift plan required? (16.H.02)			
10	Are all environmental considerations of (16.I.) being met?			
11	Is crane equipped with boom angle indicator, load-indicating device, means to visually determine levelness, and anti-two block devices? (16.E.01, 16.E.02 and 16.E.03))			
12	Are cable-supported booms equipped with boom stops? (16.D.06(a))			
13	Are booms lowered to ground or secured when not in use? (16.J.05)			
14	Do all floating cranes and derricks meet the requirements of (16.L)?			
15	Are all moving parts (gears, drums, shafts, belts, etc.) and all hot surfaces (exhaust lines, pipes, etc.) guarded? (16.A.11(a)(b)(c))			
		Yes	No	N/A

CRANE/DERRICK INSPECTION CHECKLIST

NOTE: Safety and Health Requirements Manual (EM385-1-1 (Nov 03)) references in parentheses.

16	If Operator is looking into the sun, does he have appropriate Shaded Safety Glasses? (16.A.08)			
17	Does the unit have a suitable fire extinguisher? (16.A.11(i)) Note: Minimum 10 BC (Change 15 Sep 08)			
18	Is the floating crane secured to the barge and tethered? (16.L.04(c)(1)(2)(3))			
19	Are employees prohibited from riding on loads, hooks, hammers, buckets or other hoisting equipment not meant for personnel handling (16.G.06)			
20	If installed from the factory, are seat belts in working order and being worn by the operator. (18.B.09)			
21.	Are safety Shackles used during Hammering, i.e concussion or vibratory work! (1.A)			
Comments:				