

SAFETY INSPECTION CHECK LIST FOR CONSTRUCTION EQUIPMENT U. S. Army Engineer Division, Mississippi Valley		Date of Inspection		
Contractor or Unit		Contract Number - Job Description		
Type of Equipment & Boom Length		Make, Model No., Identification		
Inspected by (Signature)		Approved by (Signature)		
Equipment Inspected:				
<b>DRAGLINES</b>				
NOTE: Corps of Engineers General Safety Requirements (EM 385-1-1) references are shown in parentheses.		Yes	No	Not App
1. Is a list of the required clearances from overhead power lines posted? If necessary to work near power lines, boom shall have insulating cage guard and load line shall have insulating link. (11.E.04, 11.E.07)				
2. Does the unit have a suitable fire extinguisher? (16.A.26)				
3. Are moving parts, gears, drums, shafts, belts adequately screened or guarded? (16.B.03)				
4. Is there adequate protection from hot pipes, etc? (16.B.03)				
5. Are steps, ladders, guardrails, provided for safe footing and access? (16.B.03)				
6. Can lubrication and greasing be done safely? (16.A.08, 16.B.13)				
7. Is the cab equipped with unbroken safety glass? (16.B.10)(18.A.07)				
8. Is the fuel tank located so that overflow and spills will not run into cab or come in contact with exhaust? (16.B.04)				
9. Is the unit shut down for fueling, servicing, etc? (16.A.14)				
10. Is wire rope being inspected by a competent person frequently? (Daily to Monthly) (15.A.02)				
11. When wedge socket type fasteners are used, has the dead end been made secure against loosening? (15.B.04)				
12. Have the air tanks been tested and certified? (20.A.02,20.A.03)				
13. Are test records kept available as part of the official project file? (16.A.01)				
14. Is there evidence of deformed, cracked, or corroded members in the crane structure or boom?				
15. Do the drums have proper pawls or positive locking devices? (16.B.14)				
16. Is there sufficient cable available so as to allow three full wraps on the drum at all working positions? (16.C.09)				
17. Are daily inspections being made of all control mechanisms to assure that there is no maladjustment interfering with proper operation? (16.A.01,.02,.05)				
18. Are inspections being made, at least monthly, of control mechanisms for excessive wear of components, and contamination by lubricants, or other foreign matter? (16.A.01,.02,.05)				
19. Are frequent (daily to monthly) inspections being made of all safety devices? (16.A.01,.02,.05)				
20. Are daily inspections for deterioration, or leakage in air or hydraulic systems being made? (16.A.01,.02,.05)				
21. Is there evidence of loose bolts or rivets?				
22. Is there evidence of cracked or worn sheaves or drums?				
23. Are parts such as pins, bearings, shafts, gears, rollers, and locking devices worn, cracked, or distorted?				
24. Is there evidence of excessive wear on brake and clutch system parts?				
25. Is there evidence of excessively worn or damaged tires?				
26. Is the power plant in good mechanical condition?				
27. Is there evidence that the operator(s) are physically and emotionally qualified? (01.C.01)				
28. REMARKS:				