

# U.S. Army Corps of Engineers Safety Inspection Checklist Chains/Slings

Date of Inspection

|                              |                     |
|------------------------------|---------------------|
| Location (Plant or Facility) | Contract Number     |
| Contractor Name              | Project Name        |
| Inspector Name (Print)       | Inspector Signature |

***This checklist serves as a guide only, it does not replace or eliminate the need to comply with the requirements set forth in Engineering Manual 385-1-1, Safety and Health Requirements Manual, dated 15 September 2008. The references included in this checklist correspond to the applicable sections of EM 385-1-1.***

| Item Description   | REF                   | Yes | No | N/A | Remarks (Any NO or N/A item) |
|--|-----------------------|-----|----|-----|------------------------------|
| 1. Do slings meet ASTM A391 / A391M for Grade 80 Chain and ASTM A793 / A973 / A973M for Grade 100 chain?   | 15.G                  |     |    |     |                              |
| 2. Do components meet ASTM A952 / A952M, such as hooks, links, and fasteners?  | 15.E                  |     |    |     |                              |
| 3. Do hooks meet ASME B30.10?  | 15.H.07               |     |    |     |                              |
| 4. Are all new or repaired chain and components proof tested by the manufacturer or qualified person prior to initial use?                             | 15.E                  |     |    |     |                              |
| 5. Are slings proof tested to 2x the single leg vertical hitch rated load ?  | 15.G                  |     |    |     |                              |
| 6. Are master links used for double-leg bridle and single basket and single basket slings proof tested to 4x the single leg vertical hitch rated load? | 16.T.05               |     |    |     |                              |
| 7. Is the manufacturer's sling identification and load rating legible?   | 15.G.06               |     |    |     |                              |
| 8. Are all new or repaired chains / slings inspected by a competent person prior to use?   | 15.A.01               |     |    |     |                              |
| 9. Are damaged chains / slings removed from service until approved by a competent person?  | 15.A.06               |     |    |     |                              |
| 10. Are periodic inspections (not to exceed one year) conducted by the competent person?   | 15.E.01<br>15.G.01    |     |    |     |                              |
| 11. Are chain / slings removed from service for any of the following: cracks or breaks, excessive wear, nicks, gouges, stretched, bent, or deformed?   | 15.E.01<br>Table 15-2 |     |    |     |                              |
| 12. Are chains/slings stored in a area not subjected to mechanical damage, moisture or chemically active environments?                                 | 15.A.01.d             |     |    |     |                              |
| 13. Are chains / slings suitable for the type of activity they were designed for?  | 15.A                  |     |    |     |                              |
| 14. Are slings not shortened or lengthened by knotting or twisting ?   | 15.D.07               |     |    |     |                              |

# U.S. Army Corps of Engineers Safety Inspection Checklist Rigging

Date of Inspection

| Item Description  | REF     | Yes                      | No                       | N/A                      | Remarks (Any NO or N/A item) |
|---|---------|--------------------------|--------------------------|--------------------------|------------------------------|
| 15. Are slings protected from sharp corners where damage could occur?   | 15.G.02 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                              |
| 16. When using a basket hitch, are the legs of the sling supporting the load above the center of gravity to prevent loss of control on the load?    | 15.T.05 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                              |
| 17. Are deformed (twisted or bent) links, or any chain assembly in which a link assembly does not hinge freely with the adjoining link, prohibited? | 15.E.01 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                              |

Other Remarks