

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)		
EXCAVATION AND EMBANKMENT OPERATIONS NOTE: Safety and Health Requirements Manual (EM385-1-1 (15 Sep 08)) references in parentheses.		Yes	No	N/A
1. When operations are near highways; are danger, caution, traffic control signs and/or signal lights provided? (Section 08.C)				
2. Are signal persons in High-Visibility apparel meeting ASNI/ISEA 107.2004 STD provided to direct operations? (05.F.01, 05.F.02 and 05.F.03)				
3. Does all moving equipment being operated at night have adequate head and taillights? (18.A.05 and 18.C.06)				
4. Are adequate brakes provided on mobile equipment? (18.B.04)				
5. Do hauling units have emergency braking systems, operated from operator's position, that work automatically when regular brakes fail? (18.B.04 and 18.A.05)				
6. Does maintenance or slow moving equipment have a flashing light to warn other traffic? (08.A.06(m), Figure 8-8)				
7. Where metal scaffold towers are used, are they properly secured, plumb, rigidly braced, and resting on solid foundations? (Section 22.C)				
8. Where traffic or personnel cross pits or excavations do bridges have adequate guardrails? (Section 21)				
9. Are adequate haul roads provided for hauling units? (Section 4.B)				
10. Are means used to control dust? (04.B.01(f))				
11. Are bracing, shoring, cribbing inspected daily and after rains? (25.A.02 (a))				
12. Are the sides of excavations shored up or cut to angle of repose? (25.A.03 (a)) (25.C)				
13. Is ground water and surface water adequately controlled to prevent its entering the excavation? (25.A.06(a))				
14. Is wire netting, rock bolts, fencing, etc. used to prevent rock falls? (25.A.07 (a))				
15. Have all stumps, boulders, or other materials that might slide or roll into an excavation been removed or made safe? (25.A.07(b))				
16. Is excavated material stored and retained at least 2ft. from the excavation's edge? Is it placed at a safe distance so as to prevent overloading on the face of the excavation? (25.A.07 (c))				
17. Where vehicular or equipment traffic is near excavation, are adequate stop logs provided so as to prevent equipment from falling into excavation? (25.A.08 (a))				
18. Is safe access into excavations provided? (Section 25.B.) NOTE: Ramps, stairs or mechanical man hoists shall be used for depths over 20ft. Properly placed and constructed ladders as well as ramps, stairs, or mechanical man hoists may be used up to 20ft.				
19. Are at least two means of exit provided workers in excavations? (25.B.05)				
20. Are adequate guardrails, barricades, lights and warnings provided as well as safe access? (25.B06)				

