

INSURV Mine Warfare Inspection Guide (MHC)

Updated: 1-Dec-03

Destructor Handling Equipment

Reference: NAVSEA SW023-AF-WHS-010

NAVSEA OP 4, Rev 7, Ammunition and Explosives Safety Afloat

NSTM 700, Shipboard Ammunition Handling and Stowage

Current PMS: MIP 7922/411, Special Weapons Handling

MIP 7922/412, Special Weapons Handling

EQUIPMENT		REMARKS / DISCREPANCIES
BRIDGE FRAME/BY-RAIL AND HOIST ASSEMBLY		Ref: 7922/411 M-1, A-1 , 48M-1R, 7922/412 Q-3, Q-5, A-2, NSTM 700
(1) Did bridge frame and bi-rail have current weight test labels installed?	YES / NO	
(2) Were all stowage pins located in equipment?	YES / NO	
(3) Was equipment free of corrosion / excessive dirt and oil?	YES / NO	
(4) Did all equipment operate through full range?	YES / NO	
(5) Did equipment brakes operate correctly?	YES / NO	
(6) Did all limit switches operate correctly?	YES / NO	
(7) Did bi-rail hoist operate through full range?	YES / NO	
(8) Did bi-rail hoist brake operate correctly?	YES / NO	
(9) Did lift plate stop when it reaches the spring stop?	YES / NO	
(10) Was bi-rail hoist chain in good condition?	YES / NO	
(11) Was pneumatic operator, including air hoses, in good condition?	YES / NO	
LIFT PLATFORM		Ref: 7922/411 M-1, 48M-1R, 7922/412 Q-3, Q-5, 48M-1R
(1) Did the lift platform have current weight test label installed?	YES / NO	
(2) Were stowage pins installed in equipment?	YES / NO	

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(3) Did turntable operate smoothly and secure with locking device?	YES / NO	
(4) With lift platform rotated to the “decanning” position, did safety switch inhibit movement of lift platform?	YES / NO	
(5) With Bi-rail assembly limit switch depressed, was lift platform movement inhibited?	YES / NO	
(6) Were lift platform and attached securing straps in good condition?	YES / NO	
(7) Were lift assembly rails in good condition?	YES / NO	
(8) Were all fasteners installed and secure?	YES / NO	
(9) Was pneumatic operator, including air hoses, in good condition?	YES / NO	
SCISSOR LIFT		Ref: 7922/411 Q-3, 7922/412 Q-2, Q-4
(1) Was portable hand crank available?	YES / NO	
(2) Did scissor lift operate freely through full range?	YES / NO	
(3) Did scissor lift clean, free of corrosion and have all fasteners installed?	YES / NO	
(4) Were scissor drive shaft and turntable shafts lubricated?	YES / NO	
SLIDING HATCH		Ref: 7922/411 S-1
(1) Was sliding hatch in good condition, preserved and free of corrosion?	YES / NO	
(2) Did sliding hatch open and close smoothly?	YES / NO	
(3) Were roller tracks free of dirt, corrosion and paint?	YES / NO	
(4) Was automatic latch operable?	YES / NO	
(5) Was gasket in good condition?	YES / NO	
(6) Did hatch gasket provide a watertight seal?	YES / NO	
(7) Was knife edge free of paint?	YES / NO	
(8) Was all hardware installed correctly and functional?	YES / NO	

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AIR MOTORS		Ref: 7922/411 Q-1
(1) Did manual release levers operate freely?	YES / NO	
(2) Did hand crank drive shaft spin freely?	YES / NO	
(3) Was equipment free of damage, corrosion or excessive dirt and oil?	YES / NO	
(4) Were all fasteners installed and secure?	YES / NO	
(5) Did lift operate correctly using manual control?	YES / NO	
DESTRUCTOR HANDLING DEMONSTRATION		
(1) Did equipment operate correctly during up-load and download of an inert destructor?	YES / NO	