



# AFLOAT Damage Control Checklist

UPDATED July 2025

**SAFETY REVIEW ITEMS - DAMAGE CONTROL  
FIXED CO2 FLOODING SYSTEMS GENERAL**

IS THE GLASS INSTALLED IN PULL BOXES VICE PLEXIGLASS? IS HAMMER WITH CHAIN FASTENED TO PULL BOX?

REF: PMS MIP 5553 Series

DO EXHAUST VENTILATION TERMINALS EXTEND DOWN TO 9 INCHES FROM THE DECK? ARE VENTILATION INLET TERMINALS FREE OF OBSTRUCTIONS?

REF: GSO 512 E

IS RELEASE MECHANISM PROTECTED TO PREVENT ACCIDENTAL RELEASE?

REF: PMS MIP 5553 Series

ARE CO2 POWER ON LIGHTS OPERATIONAL?

REF: PMS MIP 5553 Series

ARE DISCHARGE NOZZLES MISSING OR BLOCKED TO HINDER PROPER DISCHARGE?

REF: PMS MIP 5553 Series

ARE FLEXIBLE HOSE ASSEMBLIES FREE FROM CORROSION, KINKING AND EXCESSIVE BROKEN WIRES AND EQUIPPED WITH INSTALLATION DATA TAGS?

REF: PMS MIP 5553 Series

**AFFF STATIONS/SYSTEM GENERAL**

ARE ALL HOSES WITHIN PERIODICITY AND LABELED AS TO WHEN LAST HYDRO TESTED? IS ANTI-CRIMP STRAP INSTALLED WITH PROPER MATERIAL?

REF: PMS MIP 5551 Series

ARE AFFF CONCENTRATE TANKS FILLED TO A MINIMUM OF 95%?

REF: PMS MIP 5551 Series

DOES THE INJECTION PUMP CONTROLLER HAVE A WHITE LIGHT TO INDICATE POWER AVAILABLE? IS THE SYSTEM DIAGRAM POSTED AND LEGIBLE?

REF: PMS MIP 5551 Series

DO THE SOLENOID OPERATED PILOT VALVES (SOPV'S) LEAK? ARE COVERS INSTALLED CORRECTLY? ARE THE SOPV BASE PLATE ELECTRICAL CONNECTIONS INTACT? ARE TAMPER SEALS INSTALLED ON COVER ACCESS?

REF: PMS MIP 5551 Series

HAS AFFF CONCENTRATE RELIEF VALVE BEEN TESTED AND TAGGED? DO GAGES HAVE CURRENT CALIBRATION?

REF: PMS MIP 5551 Series

ARE VALVE HAND WHEELS PAINTED THE CORRECT COLOR (STRIPED RED/DARK GREEN), LABEL PLATE AND CLASSIFICATION PLATES INSTALLED?

REF: NSTM 505 TABLE 505-7-1

#### **HALON/HFP SYSTEMS GENERAL**

ARE ACTUATOR CONTROL LEVERS SEALED WITH PIN AND TAMPER SEAL? IS POWER AVAILABLE LIGHT ILLUMINATED?

REF: PMS MIP 5553 Series

ARE FLEXIBLE HOSE ASSEMBLIES FREE FROM CORROSION/BULGING/DEFORMATION AND EQUIPPED WITH INSTALLATION DATA TAGS?

REF: PMS MIP 5553 Series

ARE INDIVIDUAL CYLINDER SECURING COLLARS INSTALLED AND FREE FROM EXCESSIVE CORROSION?

REF: NAVSHIPS DWG 803-5959326 & PMS MIP 5553 Series

ARE SUPPLY AND EXHAUST VENTILATION SYSTEMS RUNNING?

REF: PMS MIP 5553 Series

ARE WARNING AND EVACUATION SIGNS POSTED?

REF: NSTM 555 Paragraph 8.11.2.8

ARE CO2 ACTUATOR PIPING FITTINGS LOOSE? AND IS THE 5 LB CO2 ACTUATOR WITHIN PMS REQUIREMENTS?

REF: PMS MIP 5553 Series

#### **FRESH WATER FIRE FIGHTING SYSTEM**

IS POWER AVAILABLE LIGHT ILLUMINATED AT PUMP CONTROLLER? IS THERE EVIDENCE OF LEAKAGE AT THE PUMP, HOSE REEL, PRESSURE GAUGE(S) OR VALVES?

REF: PMS MIP 5555 Series

ARE HOSES HYDROSTATIC TESTS WITHIN PERIODICITY?

REF: PMS MIP 5555 Series

#### **GENERAL WORKSHOP**

ARE OPERATING AND SAFETY PRECAUTIONS POSTED FOR EACH PIECE OF INDUSTRIAL MACHINERY? [NOTE: INSTRUCTIONS AND SAFETY PRECAUTIONS CAN BE EITHER STANDARD STOCK PLATES OR EXCERPTS FROM TECHNICAL MANUALS.]

REF: GSO 602 H

IS NON-SKID DECKING MATERIAL (NON-SKID PAINT OR ADHESIVE NONSKID STRIPS) INSTALLED IN MACHINERY OPERATOR WORKING AREAS? [NOTE: OPERATOR WORK AREAS - THE AREA AT THE MACHINE WHERE THE OPERATOR NORMALLY STANDS WHILE USING THE MACHINE IS MARKED TO ALERT PERSONNEL TO NOT ENTER THAT OPERATOR AREA.]

REF: GSO 634 E

ARE HAZARDOUS MATERIALS, IN EXCESS OF THAT REQUIRED FOR NORMAL WORK, STOWED WITHIN THE SHOP?

REF: NSTM 670-2.1

ARE SAFETY GUARDS INSTALLED AND PROPERLY ADJUSTED IAW PMS ON SHOP BENCH, PEDESTAL GRINDERS, AND DRILL PRESSES? [NOTE: TOOL REST CLEARANCE <1/8 INCH; TONGUE GUARD CLEARANCE <1/4 INCH.] DO THE GRINDING WHEELS HAVE IMBEDDED NON-FERROUS MATERIAL OR ARE THEY ROUNDED/WORN OUT?

REF: PMS MIP 6603 Series

ARE WORK SHOP DECK AREAS MARKED WITH 3 INCH YELLOW AND BLACK STRIPPED LINES TO MARK EYE HAZARD AREAS? IS THAT AREA OR MACHINE LABELED WITH A "CAUTION - EYE HAZARD" SIGN IN YELLOW AND BLACK?

REF: GSO 665 C

ARE ALL BRAZING AND WELDING AREAS PROVIDED WITH LOCAL EXHAUST VENTILATION? [NOTE: EXHAUST INTAKE (DUCT OPENING OR HOOD) ABLE TO BE POSITIONED 6-10 INCHES FROM WORK WHICH GENERATES CONTAMINANTS]

REF: NSTM 074-10-10.3 & 10-10.4

ARE ALL WELDING OPERATIONS PROPERLY SCREENED WITH MATERIAL MEETING MIL-C-24576 AND ARE SURROUNDING BULKHEADS PAINTED BLACK AND OVERHEADS PAINTED WHITE? [NOTE: MIL-C-24576 = CLOTH, SILICA GLASS; CLOTH, COATED, GLASS, SILICONE RUBBER COATED]

REF: NSTM 631 TABLE 631-8-11

#### **COMPRESSED GAS CYLINDERS**

ARE GAS CYLINDERS INDEPENDENTLY SECURED IN THE UPRIGHT POSITION BY METAL COLLARS? ARE VALVE PROTECTION CAPS INSTALLED? [NOTE: CYLINDER STOWAGE SHALL MEET GRADE "B" SHOCK REQUIREMENTS PREVENTING LATERAL AND VERTICAL MOVEMENT]

REF: GSO 671 C & NAVSEA DWG 5184287 REV A

ARE FLAMMABLE AND EXPLOSIVE GAS CYLINDERS STOWED ON THE WEATHER DECK PROTECTED FROM DIRECT EXPOSURE TO THE SUN, OR IN FLAMMABLE COMPRESSED GAS CYLINDER STOREROOMS? ARE OXIDIZING GASES STOWED 20 FT OR MORE FROM FUEL GASES? [NOTE: TYPICAL OXIDIZING GASES ARE OXYGEN AND CHLORINE]

REF: GSO 671 C

ARE COMPRESSED GAS CYLINDERS OR STOWAGE RACKS CORRODED, PITTED, DENTED, BULGED OR DAMAGED? ARE CYLINDER VALVES OR CAPS CORRODED OR DAMAGED? CAN CYLINDER CONTENTS BE POSITIVELY IDENTIFIED?

REF: PMS MIP 6630 Series

### **GAS FREE ENGINEERING**

ARE GAS FREE ENGINEERING PERSONNEL (GFEP) DESIGNATED IN WRITING? DOES THE GFE'S LETTER OF DESIGNATION REFLECT THE 40-HOUR OJT REQUIREMENT? (COMPLETED OR WAIVED) HAVE ALL GFEP COMPLETED AN OFFICIAL TRAINING COURSE AND REQUIRED PQS? [NOTE: THE CO MAY WAIVE THE 40-HOUR OJT REQUIREMENT PROVIDED THE CANDIDATE HAS GRADUATED FROM AN APPROVED GFE TRAINING SITE WITHIN THE LAST 36 MONTHS AND THE UNIT DOES NOT HAVE A QUALIFIED GFE ONBOARD.]

REF: NSTM 074 VOL 3-18.8 & 18.9

IS THE SHIPS GAS FREE PROGRAM EVALUATED BY THE SHIPS SAFETY OFFICER ANNUALLY? DID THE EVALUATION OF THE PROGRAM INCLUDE THE RECERTIFICATION OF GFE PERSONNEL? [NOTE 1: BOTH THE SAFETY OFFICER AND THE GFE SHALL MAINTAIN COPIES OF THE EVALUATION. NOTE 2: CERTIFICATION/RECERTIFICATION LETTERS FOR ASSIGNED GFEP SHALL BE RECORDED IN THE INDIVIDUAL'S MILITARY SERVICE RECORD AND COPIES MAINTAINED IN THE GFE'S NOTEBOOK.]

REF: NSTM 074 VOL 3-18.10

IS GAS FREE FAMILIARIZATION TRAINING BEING CONDUCTED DURING SHIPBOARD INDOCTRINATION AND FOR ALL HANDS ANNUALLY?

REF: NSTM 074 VOL 3-18.9

IS REQUIRED GAS FREE TESTING EQUIPMENT AVAILABLE AND CALIBRATED? HAS CALIBRATION SPAN GAS EXPIRED?

REF: NSTM 074 VOL 3-27.3

ARE GAS FREE CERTIFICATES MAINTAINED ONBOARD FOR 12 MONTHS? WERE GFE CERTIFICATES CORRECTLY FILLED OUT?

REF: NSTM 074 VOL 3-18.16

HAVE GFE PERSONNEL MET ALL REQUIREMENTS FOR RECERTIFICATION? (ISSUED AT LEAST 10 CERTS, OR A MINIMUM OF 5 OJT EVOLUTIONS UNDER QUALIFIED GFE, OR COMPLETED PRACTICAL EXERCISE IN CONJUNCTION WITH A WRITTEN OR ORAL EXAM) COMPLETED REFRESHER TRAINING IN EMERGENCY RESCUE PROCEDURES? BLS CPR REFRESHER TRAINING WITHIN PERIODICITY?

REF: NSTM 074 V3-18.10

**GENERAL SAFETY**

ARE WARNING SIGNS POSTED ON ESCAPE TRUNKS? (WARNING ESCAPE SCUTTLE DO NOT OBSTRUCT OR BLOCK) ARE ESCAPE SCUTTLES BLOCKED OR OBSTRUCTED?

REF: GSO 602 J

ARE SAFETY NETS INSTALLED IN ACCESS TRUNKS THAT ARE PROVIDED WITH VERTICAL LADDERS THAT EXTEND LONGER THAN 17 FEET OR MORE THAN 3 DECKS? ARE NETS BEING MAINTAINED WITHIN PMS REQUIREMENTS? DO NETS HAVE WEIGHT TEST DATA TAG ATTACHED?

REF: NAVSEA DWG 804-5184163 REV (A) & PMS MIP 6122 Series

ARE EXPLOSION PROOF LIGHTING GLOBES TIGHT? ARE ALUMINUM OR PLASTIC ANTI-PILFERAGE SEALS INSTALLED ON EXPLOSION PROOF LIGHTING GLOBES? [NOTE: IF GLOBE IS NOT TIGHT CHECK RETAINING RING/GASKET INSTALLATION] ARE 120V REFLECTOR TYPE LIGHT BULBS INSTALLED IN FIXTURES?

REF: PMS MIP 3301 Series / NSN 6240-00-578-6820

ARE PHOTO LUMINESCENT MARKINGS IN THE PROPER LOCATIONS IAW NSTM 079V2?

REF: NSTM 079 VOL 2-21.7

ARE SCREENS INSTALLED ON ALL EXHAUST SYSTEM INLETS?

REF: NSTM 512-1.4 & GSO 512 D

ARE AIRFLOW ALARMS PROPERLY SET AND INDICATING NORMAL AIR FLOW? ARE THEY MONITORED LOCALLY AND REMOTELY? ARE REQUIRED LOGS MAINTAINED? ARE AIRFLOW ALARM UNIT MAINTENANCE PLACARD MISSING, INCOMPLETE OR OUT OF PERIODICITY? IS AIRFLOW ALARM SOUNDER OPERABLE? IS THERE EVIDENCE OF TAMPERING WITH AIRFLOW ALARM SOUNDER?

REF: GSO 437 D, PMS MIP 4361 Series & NAVSHIP DWG 815-1853145

ARE FLOODING ALARM SENSORS INSTALLED IN SPACES BELOW THE WATER LINE, IN BILGES, MAGAZINES, MACHINERY ROOMS, PUMP ROOMS AND OTHER SPACES SUSCEPTIBLE TO FLOODING? ARE THE SENSORS MOUNTED 2 INCHES ABOVE THE DECK (DRY SPACES) OR 6 INCHES ABOVE THE NORMAL LEVEL OF RESIDUAL WATER IN BILGES?

REF: GSO 436 D & PMS MIP 4361 Series

**DAMAGE CONTROL PETTY OFFICER**

ARE EEBD'S PROPERLY STOWED IN CORRECT TYPE STORAGE BOXES AND TAMPER SEALS/TAMPER INDICATING BALLS INTACT?

REF: PMS MIP 6641 Series

ARE TRAINING EEBD'S STORED IN BLUE PLASTIC CASES AND LOCKED AWAY FROM OPERATIONAL EEBDS?

REF: PMS MIP 6641 Series

IS EMERGENCY EGRESS, EEBD AND SCBA/OBA TRAINING BEING CONDUCTED FOR ALL HANDS WITHIN 72 HOURS OF REPORTING ABOARD AND EVERY SIX MONTHS THEREAFTER? DOES THE CREW HAVE A COMPLETE UNDERSTANDING OF EGRESS/EEBD PROCEDURES?

REF: OPNAVINST 5100.19 & ACN-1 MSG DTG R 101355Z SEP 19

ARE SALTWATER FIRE STATIONS PROPERLY RIGGED AND HAVE ALL REQUIRED ITEMS?

REF: PMS MIP 6641 Series

IS PORTABLE CO2, AFFF AND PKP EXTINGUISHER PMS BEING ACCOMPLISHED WITHIN PERIODICITY? [NOTE: HIGH HUMIDITY AREAS ARE CONSIDERED ALL WEATHER DECKS, HELO HANGAR AREAS, ALL MAIN AND SECONDARY ENGINEERING, GALLEY/SCULLERY SPACES, LAUNDRY SPACES, OR ANY OTHER SPACES/AREAS DEEMED BY THE UNIT AS HIGH HUMIDITY.]

REF: PMS MIP 6641 Series

ARE AFFF EXTINGUISHERS FILLED TO THE CORRECT WEIGHT BETWEEN 27LBS 9OZ AND 28LBS 4OZ?

REF: PMS MIP 6641 Series

IS THE POWDER LEVEL OF THE PKP LOW? (LESS THAN 5IN FOR ANSUL 18/27 LB. AND FLAG 27 LB EXTINGUISHERS / LESS THAN 8IN FOR FLAG 18 LB EXTINGUISHERS) IS THE CO2 CARTRIDGE WEIGHT WITHIN THE ALLOWABLE PARAMETERS STAMPED ON CYLINDER?

REF: PMS MIP 6641 Series

ARE 3 NON-SKID STRIPS AT THE TOP AND BOTTOM OF LADDERS AND AT EACH SIDE OF DOORS IN HEAVY TRAFFIC AREAS?

REF: GSO 634 C

ARE LADDERS/LADDER TREADS/LADDER HAND CHAINS MISSING, DAMAGED, INCORRECTLY INSTALLED OR OTHERWISE DEGRADED?

REF: PMS MIP 6641 Series & NAVSEA DWG S1604-860040

ARE HOLD OPEN DEVICES INSTALLED AND OPERABLE ON ESCAPE SCUTTLES AND ESCAPE HATCHES AS APPLICABLE? DOES THE COUNTERBALANCE SPRING MECHANISM DEMONSTRATE

PROPER PMS ACCOMPLISHMENT? DOES THE SHIP HAVE A CALIBRATED SCALE TO CONDUCT THE PMS?

REF: PMS MIP 1671 Series

DO OVBD DISCHARGE FITTINGS SWIVEL FREE AND ARE POLLUTION ABATEMENT SIGNS POSTED BY EACH SUBMERSIBLE PUMP DISCHARGE? IS THERE A SPANNER WRENCH ON STATION? IS THE DC CLASSIFICATION PRESENT?

REF: PMS MIP 6641 Series

ARE GAS FREE CERTIFICATION LABEL PLATES POSTED BY ENTRANCES TO TANKS, VOIDS AND NON-VENTILATED SPACES STATING "DANGER DO NOT ENTER GAS FREE CERTIFICATE REQUIRED CONFINED SPACE IDLH"?

REF: NSTM 074-20.10 & APPENDIX I

ARE WATER TIGHT CLOSURES BEING MAINTAINED IAW PMS?

REF: PMS MIP 1671 Series

ARE DAMAGE CONTROL PETTY OFFICERS TRAINED AND QUALIFIED?

REF: NTPP 3-20.31-2.1.23 & 3.2.3.4

DOES ESCAPE TRUNK BALANCE JOINER DOOR HAVE TWO CLOSING SPEEDS? (DOOR SHOULD TRAVEL THROUGH INITIAL CLOSING ARC AT A REASONABLY FAST TO SLOW AT THE LAST 10 DEGREES OF CLOSING, THE CLOSING SPEED SHOULD NOT EXCEED 7 SECONDS.

REF: GSO 624 J

#### **WATER MIST SYSTEM GENERAL**

ARE MIMIC DIAGRAMS AND INSTRUCTIONS POSTED AT DC DECK REMOTE PANELS AND PUMP SKID?

REF: NSTM 555-2.13.9

ARE MOTOR CONTROLLER POWER INDICATORS ILLUMINATED?

REF: NSTM 555-2.13.11

ARE STORAGE TANKS FILLED TO CAPACITY?

REF: PMS MIP 5558 Series

ARE EMERGENCY FILL VALVE CONNECTIONS AND CAP THREADS CONTAMINATED, CORRODED OR DAMAGED? ARE CONNECTION GASKETS CUT, TORN OR DISTORTED?

REF: PMS MIP 5555 Series

DO PUMP STRAINER PRESSURE RELIEF VALVES SHOW SIGNS OF LEAKAGE, CORROSION, CRACKS OR DISTORTION? ARE RELIEF VALVES WITHIN PERIODICITY?

REF: PMS MIP 5558 Series

ARE FLEX HOSES DAMAGED, WORN, PAST THEIR HYDROSTATIC TEST PERIODICITY OR MISSING DATA TAG?

REF: PMS MIP 5558 Series & PMS MIP 5000 Series

ARE OIL LEVELS IN THE PUMP AND GEAR BOX WITHIN THE OPERATING RANGE?

REF: PMS MIP 5558 Series

ARE SYSTEM GAUGES CALIBRATED?

REF: Ship's Calibration Required List (CRL)

### **SCBA GENERAL**

ARE SCBA CYLINDERS WITHIN HYDROSTATIC TEST DATE? [NOTE: DOT-E/SP 9634/7277/8059 FIBERGLASS WRAPPED AND REQUIRE 3 YR HYDRO; #10915/10945 CARBON FIBER AND REQUIRE 5 YR HYDRO] ARE CYLINDERS FILLED TO A MINIMUM OF 4000PSI?

REF: PMS MIP 5519 Series

ARE SCBA CYLINDER PACKS STORED IAW PMS REQUIREMENTS? [NOTE: SCBA STOWAGE IS DESCRIBED IN SCBA TECH MANUAL CH 2-5] ARE FACE PIECES CRACKED OR DETERIORATED? ARE DUST COVERS INSTALLED ON QUICK-CHARGE FITTING? IS THE SECURING STRAP FASTENED AROUND SCBA ASSEMBLY? ARE SECOND STAGE REGULATOR GASKETS FREE FROM DAMAGE AND FASTENED ON HARNESS CLIP? ARE THERE ANY DENTS, GOUGES OR CUTS THAT HAVE PENETRATED THE SCBA CYLINDER'S GEL COAT?

REF: PMS MIP 5519 Series & SCBA TECHNICAL MANUAL (REV 3) 2.5

HAS A FUNCTIONAL TEST OF THE SCBA BACKPACK BEEN PERFORMED IN LAST 3 YEARS? [NOTE: FOR NEW EQUIPMENT, THE LATEST FUNCTIONAL TEST IS THE MANUFACTURE DATE FOUND ON THE PRIMARY PRESSURE REDUCER LABEL.]

REF: PMS MIP 5519 Series

HAS THE AIR QUALITY TEST BEEN PERFORMED BY THE GFE/IHO, RECORDED ON LOG SHEET AND MAINTAINED FOR 3 YEARS AS DIRECTED BY MRC ON ALL SCBA CHARGING EQUIPMENT? (HPBACS, EBAC, BACS AS APPLICABLE).

REF: PMS MIP 5519 Series

### **SCBA CHARGING SYSTEM**

ARE CORRECT DRAEGER TUBES ONBOARD TO PERFORM AIR QUALITY TEST? [NOTE: DRAEGER TUBE P/N - - WATER VAPOR (8103061), OIL (8103111), CARBON MONOXIDE (6728511) AND CARBON DIOXIDE (6728521) ARE ALSO LISTED ON THE MRC.]

REF: PMS MIP 5519 Series

HAVE THE RELIEF VALVES BEEN TESTED AND PRESSURE GAGES CALIBRATED FOR THE EBAC OR HPBAC? IS "SCBA" MARKED ON ALL RELIEF VALVES AND PRESSURE GAGES? [NOTE 1: EBAC - FINAL STAGE AND FILL HOSE VALVES; FILL HOSE PRESSURE GAGES. NOTE 2: DDG-51 FLT IIA/LPD-9 - 4TH STAGE, CONTROL PANEL AND FLASK RELIEF VALVES; 4TH STAGE AIR PRESS, OIL AND CHARGING PANEL GAGES. NOTE 3: LPD-17 CLASS - 4TH STAGE AND FLASK RELIEF VALVES; 4TH STAGE AIR PRESS, OIL AND CHARGING PANEL GAGES. NOTE 4: 1ST, 2ND AND 3RD STAGE AIR PRESSURE GAGES ARE "NCR"]

REF: PMS MIP 5519 Series

HAVE THE RELIEF VALVES LOCATED ON THE HPFA AND THE ABPA BEEN TESTED, TAGGED AND SAFETY WIRED? HAVE ALL APBA GAGES BEEN CALIBRATED? ARE ALL FITTING CAPS INSTALLED? IS THE CO/MOISTURE INDICATOR SAT? (BLUE RING WITH YELLOW CENTER IS SAT, PINK & BROWN ARE UNSAT) (NOTE: HPFA, AHP-V304 IS 3300 +/-100 PSIG ~ DEPOT LEVEL MAINT ABPA, AHP-V207 IS 5300 +/-50 PSIG ~ DEPOT LEVEL MAINT ABPA, ALP-V202 IS 150 +/-3 PSIG ~ SF LEVEL MAINT)

REF: PMS MIP 5519 Series

ARE EYE HAZARD AND HAZARDOUS NOISE WARNING SIGNS OR PLACARDS POSTED IN THE VICINITY OF CHARGING STATIONS WHEN OPERATING?

REF: DoDI 6055.12 ANSI Z87.1

### **SCBA (SAR/SCBA)**

ARE SAR/SCBA CYLINDERS (PASP/RASP AND BREATHING APPARATUS) HYDROSTATIC TEST DATES WITHIN PERIODICITY? [NOTE 1: CYLINDERS MANUFACTURED AFTER 2008 ARE CARBON FIBER COMPOSITE AND REQUIRE RETESTING EVERY 5 YEARS. ALL COMPOSITE CYLINDERS MANUFACTURED BEFORE 2008 MUST BE RETESTED EVERY 3 YEARS.] ARE CYLINDERS FILLED TO CORRECT LEVELS? [ NOTE 2: PASP/RASP MUST BE GREATER THAN 4000PSI; MSA SCBA (2800-3200 PSI) ; SCOTT SCBA (4500PSI) ]

REF: PMS MIP 5519/015 Series

ARE LP AIR HOSES DAMAGED OR MISSING MANUFACTURING DATE MARKING/HOSE ASSEMBLY ID TAGS? ARE HOSES WITHIN 12 YEAR SHELF LIFE FROM DATE OF MANUFACTURE? [NOTE: HOSES ARE MARKED WITH MANUFACTURE DATE IN EITHER MM/YY, MMY, OF DDDY FORMATS. MSA HOSES 2004 AND OLDER MAY HAVE MM/YY OR MMY. MSA HOSES 2005 AND NEWER AND SCOTT HOSES ARE MARKED WITH DDDY; JULIAN DATE AND CALENDAR YEAR]

REF: PMS MIP 5519 Series

ARE PASP PRESSURE GAGES (AHP-G201/G202) CALIBRATED AND WITHIN 36 MONTH PERIODICITY? IS "SCBA" MARKED ON ALL PRESSURE GAGES?

REF: PMS MIP 5519 Series

**PORTABLE FIRE FIGHTING PUMPS/GENERATORS**

ARE FUEL CANS PROPERLY STOWED IN APPROVED WEATHER DECK LOCKERS OR JETTISON RACKS?

REF: NSTM 670 VOL II Paragraph 24.5.2.1

ARE P-100 PUMP STOWAGE COVERS MARKED WITH "WARNING JP-5/F-76 NO SMOKING" IN 2 INCH HIGH WHITE LETTERS ON A 6 INCH PURPLE BAND?

REF: NSTM 555-4.11.2.9.4

ARE WARNING SIGNS POSTED IN THE VICINITY OF THE GASOLINE JETTISON RACKS STATING "WARNING - GASOLINE HAZARD AREA - HOT WORK, SMOKING, USE OF NAKED LIGHTS, MATCHES, OR LIGHTERS, USE OF TOOLS WHICH MAY PRODUCE SPARKS, WEARING OF CLOTHING OR SHOES WITH EXPOSED METAL ATTACHMENTS, AND ANY OTHER ACTIONS LEADING TO IGNITION OF VAPORS ARE NOT PERMITTED IN THIS AREA."?

REF: NSTM 670 VOL II Fig. 24-1

IS THE INSTALLED JETTISON RACK EQUIPPED WITH A REMOTE MANUAL RELEASE HANDLE?

REF: PMS MIP 5423 Series

DOES THE SHIP HAVE THE DAMAGE CONTROL GENERATOR SET PRAMAC GENERATOR SET MODEL ES5500X AND IS THE PROPER MAINTENANCE PERFORMED?

REF: PMS MIP 6641 Series

**POLLUTION ABATEMENT**

HAS THE DCA DEVELOPED A SPILL CONTINGENCY PLAN (SCP) USING THE NAVY'S SHIPBOARD OIL AND HAZARDOUS SUBSTANCE (OHS) SPILL CONTINGENCY PLAN GUIDE?

REF: OPNAVINST M-5090.1 35-3.15 C

HAS THE SHIP CONDUCTED AN OIL AND HAZARDOUS SUBSTANCE (OHS) SPILL RESPONSE DRILL FOR EACH DUTY SECTION WITHIN THE PAST YEAR? IS THERE A MINIMUM OF 1 PETTY OFFICER IN EACH DUTY SECTION QUALIFIED AS OIL SPILL CLEAN-UP SUPERVISOR? (WATCH STATION 324 OF NAVEDTRA 43704 PQS)

REF: OPNAVINST M-5090.1 35-3.15 (i)

DOES THE DCA MAINTAIN THE HAZARDOUS MATERIALS SPILL RESPONSE KIT, OIL SPILL RESPONSE KIT AND THE OTTO II FUEL SPILL RESPONSE KIT?

REF: OPNAVINST 5100.19 Series B-3

**GALLEY FIRE PROTECTION**

IS THE INSTALLED POTASSIUM CARBONATE SYSTEM PROPERLY MAINTAINED? ARE SIGNS OF CYLINDER LEAKAGE OR LOOSE FITTING/CONNECTIONS EVIDENT? IS APC CYLINDER PRESSURE WITHIN RANGE (175 +/- 25 PSIG)? IS THE NITROGEN CYLINDER PRESSURE WITHIN RANGE (300 +/- 50 PSIG)?

REF: PMS MIP 5556 Series

ARE FUSIBLE LINKS (360 DEGREES F) AND INSTALLATION IDENTIFICATION TAGS INSTALLED (EACH FUSIBLE LINK)? IS THE FUSIBLE LINK WITHIN MAINTENANCE PERIODICITY?

REF: PMS MIP 5556 Series

ARE TAMPER SEALS INSTALLED ON REMOTE MANUAL CONTROL BOXES AND RELEASE CONTROL BOXES?

REF: PMS MIP 5556 Series

ARE CO2 AND AFFF EXTINGUISHERS INSTALLED AT EACH ACCESS DOOR TO GALLEY? (IF DEEP FAT FRYER IS INSTALLED)

REF: NSTM 555-4.3.1

ARE FIRE FAIL-SAFE DAMPERS OPERATIVE ON GAYLORD HOOD? ARE GAYLORD HOODS CLEANED AND MAINTAINED IAW PMS?

REF: PMS MIP 5121 Series

#### **CHT GENERAL**

ARE REMOVABLE DRIP PANS OR COMINGS INSTALLED IN HEALTH SENSITIVE SPACES TO CATCH, CONTAIN AND DETECT POSSIBLE LEAKAGE FROM VALVES OR TAKEDOWN JOINTS? (NOTE: HEALTH SENSITIVE SPACES SUCH AS: FOOD STOREROOMS, FOOD PREP OR MESSING AREAS, SPACES WHERE UTENSILS ARE STORED OR WASHED, MEDICAL AND DENTAL SPACES, SPACES WHERE LEAKAGE CAN REACH BILGES CONTAINING POTABLE WATER TANK BOUNDARIES, IN BERTHING SPACES WHEN VALVES ARE LOCATED ABOVE OR IMMEDIATELY ADJACENT TO BUNKS)

REF: NSTM 593 Paragraph 8.3.7.4.2 (f)

ARE HEALTH WARNING PLACARDS AND OPERATING INSTRUCTIONS IDENTIFYING PROCEDURES TO BE FOLLOWED POSTED IN THE AREA OF CHT PUMP ROOMS, SEPARATE COMMUNICATOR SPACES, SEWAGE RECEIVING STATIONS AND AT DECK DISCHARGE STATIONS?

REF: NSTM 593 Paragraph 8.3.7.4.2 (i)

IS THERE A LOCKER FOR PROTECTIVE PERSONNEL GEAR INSTALLED AND PROPERLY IDENTIFIED IN THE VICINITY OF CHT PUMP ROOMS? IS SUFFICIENT PROTECTIVE GEAR STORED INSIDE?

REF: NSTM 593-4.3 (AEL 2-360044010 & 2-360044044)

ARE TWO EMERGENCY ESCAPE BREATHING DEVICES (EEBD) INSTALLED IN EACH CHT PUMP ROOM COMMUNICATOR SPACE AND RECEIVING STATION? ARE THEY READILY ACCESSIBLE?

REF: NSTM 077 SECTION 3

ARE WASH UP FACILITIES (TO INCLUDE SINK WITH POTABLE WATER, SOAP, AND HAND DRYING FACILITIES) LOCATED IN SPACES WHICH CONTAIN SEWAGE PUMPS, COMMINUTORS AND RECEIVING STATIONS?

REF: NSTM 593 Paragraph 8.3.7.4.2 (g)

IS SUPPLY AND EXHAUST VENTILATION OPERATIONAL AND RUNNING?

REF: GSO 437 D

DOES THE EXHAUST VENT OPENING EXTEND TO WITHIN 9 INCHES OF THE DECK AND IS THERE A SCREEN INSTALLED?

REF: GSO 512 D & E

IS THERE EVIDENCE OF LEAKAGE IN THE PUMP'S MECHANICAL SEALS?

REF: PMS MIP 5931 Series

ARE CHT PUMP ROOMS, COMMINUTOR SPACES AND RECEIVING STATIONS EQUIPPED WITH AN AIR FLOW ALARM CIRCUIT MONITORED FROM OUTSIDE THE SPACE? ARE LOW AIR FLOW WARNING PLACARDS POSTED ON THE EXTERIOR OF THE ACCESS DOOR? (NOTE: SIGNS/PLACARDS SHOULD READ - "WARNING - ALARM INDICATES LOW AIR FLOW IN VENTILATION SYSTEM SERVING THIS COMPARTMENT. TAKE IMMEDIATE ACTION TO RESTORE VENTILATION. DO NOT ENTER WITHOUT RESPIRATORY PROTECTION OR UNTIL VENTILATION HAS BEEN RESTORED FOR AT LEAST 15 MINUTES. EVACUATE COMPARTMENT IMMEDIATELY UPON SOUNDING OF ALARM.")

REF: GSO 512 G & GSO 437 D

ARE CHT PUMP ROOMS, COMMINUTOR SPACES AND SEWAGE RECEIVING STATIONS EQUIPPED WITH A HYDROGEN SULFIDE DETECTION ALARM? IS CALIBRATION GAS AVAILABLE AND NOT EXPIRED? [NOTE: H2S CALIBRATION KIT NSN 6665-01-416-7938; SAMPLE TEST GAS CYLINDER NSN 6665-01-415-4955]

REF: PMS MIP 4361 Series

IS A H2S DETECTOR SYSTEM LOG BOOK KEPT WITH DATES THAT H2S SENSORS WERE CALIBRATED AND NEW SENSORS WERE INSTALLED?

REF: PMS MIP 4361 Series

IS THERE EVIDENCE OF EATING, DRINKING OR SMOKING IN CHT PUMP ROOMS, COMMINUTER SPACES OR RECEIVING STATIONS?

REF: NSTM 593 Paragraph 8.3.7.2 (d)

ARE EOSS/SDOSS PROCEDURES AVAILABLE IN SEWAGE PUMP ROOMS, INCINERATOR SPACES AND RECEIVING STATIONS?

REF: EOSS BOOK 1

**COUNTERMEASURE WASHDOWN SYSTEM**

IS SOPV COVER INSTALLED TO BASEPLATE? IS THERE EVIDENCE OF LEAKAGE OF SOPV FROM TELL-TALE HOLES? ARE ELECTRICAL STUFFING TUBES OR NON-FERROUS PLUGS INSTALLED AND FREE OF DEFECT IN THE SOPV BASE PLATE?

REF: PMS MIP 5231 Series

**FIRE MARSHALL**

ARE SPACES CLEAR OF POTENTIAL FIRE HAZARDS? (SUCH AS EXCESSIVE COMBUSTIBLES, FLAMMABLES, OR HAZMAT) IS THERE A CLEAR PATH TO EGRESS/ACCESS SPACES IN THE EVENT OF AN EMERGENCY?

REF: NSTM 079 VOL II 2-23.1

ARE ENGINEERING SPACES FREE OF FIRE HAZARDS, FLAMMABLE LIQUID LEAKS, AND COMBUSTIBLES? ARE GOOD GENERAL HOUSE KEEPING STANDARDS ENFORCED IN ENGINEERING SPACES? ARE UPTAKE TRUNKS REGULARLY INSPECTED TO ENSURE THAT THERE ARE NO ITEMS STORED IN THE UPTAKES?

REF: NSTM 555-10.3

DOES THE SHIP HAVE A FIRE PREVENTION PROGRAM?

REF: NSTM 555-1.2.3

ARE TEMPORARY SERVICES HUNG PROPERLY? IS THERE ADEQUATE CLEARANCE GIVEN FOR ACCESS/PASSAGE OF PERSONNEL AS REQUIRED?

REF: NTP 8010 Paragraph 10.4.4

ARE FIRE MARSHAL DUTIES CARRIED OUT BY THE SHIP/DUTY FIRE MARSHAL IAW EDORM?

REF: COMNAVSURFORINST 3540.3

**ORM/TCRM**

IS ORM APPLIED NOT ONLY TO OPERATIONAL MISSIONS, BUT AT THE DECK PLATE LEVEL FOR DAY TO DAY WORK UNIT OPERATIONS AS WELL?

REF: OPNAVINST 3500.39