



AFLOAT
Electrical
(3EE)
Checklist

UPDATED April 2016

SAFETY REVIEW ITEMS - Electrical

01. Electrical Safety Admin

1. (A1C0) DOES THE COMMANDING OFFICER AUTHORIZE ANY DISASSEMBLY OR MAINTENANCE ON ENERGIZED EQUIPMENT?

REF: NSTM 300 -2.4.3.1.g
NSTM 300 -2.5.4.3.3
OPNAVINST 5100.19 Series B0702a
OPNAVINST 5100.19 Series B0705a
NSTM 300 -2.4.1.1.e
EDORM 3303 A.4.A
NSTM 300 -2.4.1.2.c

C R NA UA
 Repeat
 Significant
 PMS

2. (A1D0) IS SHIP COMPLYING WITH ALL SAFETY PROCEDURES REQUIRED FOR WORKING ON ENERGIZED EQUIPMENT?

REF: NSTM 300 -2.3
NSTM 300 -2.4

C R NA UA
 Repeat
 Significant
 PMS

3. (A1E0) DOES THE ELECTRICAL SAFETY OFFICER ENSURE ELECTRICAL/ELECTRONIC INDOCTRINATION TRAINING IS PROVIDED UPON REPORTING AND ANNUALLY THEREAFTER FOR ALL PERSONNEL?

REF: NSTM 300 -2.9.5.a
OPNAVINST 5100.19 Series B0702b
OPNAVINST 5100.19 Series B0708a
OPNAVINST 3120.32 Series 305.9B(1) and (2)

C R NA UA
 Repeat
 Significant
 PMS

4. (A1F0) HAVE TOOL ISSUE PERSONNEL COMPLETED PQS ELECTRICAL TOOL ISSUE ROOM WATCHSTATION 313 IN THE ENGINEERING COLLATERALS AND QUALIFICATIONS PQS NAVEDTRA 43704? (PREVIOUSLY WATCHSTATION 302 IN SAFETY PROGRAMS AFLOAT)

REF: OPNAVINST 5100.19 Series B0708c
NAVEDTRA 43704

C R NA UA
 Repeat
 Significant
 PMS

5. (A1G0) DOES THE SHIP HAVE A CERTIFIED AMERICAN RED CROSS/AMERICAN HEART ASSOCIATION CPR INSTRUCTOR ONBOARD?

REF: NSTM 300 -2.9.5.b

OPNAVINST 5100.19 Series B0708b

C R NA UA

Repeat

Significant

PMS

6. (A1G1) ARE AT LEAST 50 PERCENT OF ALL ELECTRICAL/ELECTRONICS ASSOCIATED RATINGS CERTIFIED IN BASIC LIFE SUPPORT AT A MINIMUM OF EVERY TWO YEARS?

REF: NSTM 300 -2.9.5.c

OPNAVINST 5100.19 Series B0708b

C R NA UA

Repeat

Significant

PMS

7. (A1H0) HAS THE ELECTRICAL SAFETY OFFICER COMPLETED WATCHSTATION 304 OF THE SAFETY PROGRAMS AFLOAT PQS (NAVEDTRA 43460-4A) WITHIN 16 WEEKS OF ASSIGNMENT?

REF: OPNAVINST 5100.19 Series B0708d

C R NA UA

Repeat

Significant

PMS

8. (A1I0) DOES THE SHIP HAVE A CENTRALIZED PORTABLE TOOL ISSUE ROOM? ARE UNSAFE ELECTRIC TOOLS MARKED OOC AND KEPT IN LOCKED STORAGE SEPARATE FROM OTHER TOOLS?

REF: OPNAVINST 5100.19 Series B0707a

OPNAVINST 5100.19 Series B0707f

C R NA UA

Repeat

Significant

PMS

9. (A1J0) DOES THE SHIP HAVE MOST CURRENT SAFETY ADVISORIES?

REF: SAFETY ADVISORY Waste Disposal -ADVISORY 05-14

SAFETY ADVISORY Electrical Safety PMS - ADVISORY 04-14

SAFETY ADVISORY Elec_IET MEGOHMMTERS_ADV 2-15

C R NA UA

Repeat

Significant

PMS

02. Hazardous Materials

10. (A2A0) ARE ALL HAZARDOUS MATERIALS CONTAINERS AND STORAGE LOCATIONS IN THE WORK CENTER PROPERLY MARKED OR LABELED?

REF: OPNAVINST 5100.19 Series B0302a12f
OPNAVINST 5100.19 Series C2302d & e
OPNAVINST 5100.28 Series

C R NA UA
 Repeat
 Significant
 PMS

11. (A2B0) ARE SHOP PERSONNEL FAMILIAR WITH THE HAZARDS, PRECAUTIONS AND PROTECTIVE EQUIPMENT REQUIRED FOR HAZARDOUS MATERIALS HANDLED IN THE WORKCENTER AND THE ASSOCIATED MSDS?

REF: OPNAVINST 5100.19 Series B0302a12 a&b

C R NA UA
 Repeat
 Significant
 PMS

03. Hearing Conservation

12. (A3A0) ARE NOISE HAZARD AREAS AND EQUIPMENT PROPERLY LABELED OR POSTED?

REF: OPNAVINST 5100.19 Series B0404c1

C R NA UA
 Repeat
 Significant
 PMS

13. (A3B0) IS HEARING PROTECTION AVAILABLE, USED AND ISSUED AS NECESSARY WITH ELECTRICAL PORTABLE TOOLS?

REF: OPNAVINST 5100.19 Series B0707c
OPNAVINST 5100.19 Series C0903a5
NSTM 300 -2.7.1.1.c

C R NA UA
 Repeat
 Significant
 PMS

04. Sight Conservation

14. (A4A0) ARE AUTHORIZED EYE WASH STATIONS AVAILABLE IN AN UNOBSTRUCTED LOCATION IN BATTERY SHOP/LOCKER THAT REQUIRE NO MORE THAN 10 SECONDS OR 100 FEET OF TRAVEL TO REACH FROM HAZARD?

REF: OPNAVINST 5100.19 Series B0508a4

GSO 644 D

NSTM 313 2.5.5.6

C R NA UA

Repeat

Significant

PMS

15. (A4A1) IS EYE PROTECTION PROVIDED WITH PORTABLE TOOLS WHEN PARTICLES MAY FLY IN EYES?

REF: OPNAVINST 5100.19 Series B0707c

OPNAVINST 5100.19 Series C0903a4

NSTM 300 -2.7.1.1.b

C R NA UA

Repeat

Significant

PMS

05. Operating/Safety Instructions

16. (A5A0) ARE EQUIPMENT OPERATING INSTRUCTIONS AND SAFETY PRECAUTIONS POSTED FOR EQUIPMENT IN ELECTRICAL SPACES?

REF: NSTM 300 -2.3.1.1.a

NSTM 300 -2.4.2.c

NSTM 300 -2.5.1.3.2.e

NSTM 300 -2.5.2.a/b

OPNAVINST 5100.19 Series C1304f

C R NA UA

Repeat

Significant

PMS

06. Tag-out Program

17. (A7A0) DOES SHIP HAVE THE MOST CURRENT REVISION OF THE TAG-OUT USER'S MANUAL? (REVISION 6/ REVISION 7)

REF: NAVSEA TECHNICAL PUBLICATION S0400-AD-URM-010/TUM

OPNAVINST 3120.32 Series 630.17A

C R NA UA

Repeat

Significant

PMS

18. (A7A1) DO ALL NEWLY REPORTED PERSONNEL RECEIVE TRAINING ON THE TAG-OUT PROGRAM? ARE TAG-OUT USER MANUAL TRAINING TOPICS INCLUDED IN THE COMMANDS CONTINUED TRAINING PROGRAM?

REF: TAG-OUT USER'S MANUAL

OPNAVINST 3120.32 Series 630.17F

C R NA UA

Repeat

Significant

PMS

19. (A7A2) ARE SECTIONS OF THE TAG-OUT LOG IN ORDER AND ARE TUM PROCEDURES CORRECTLY FOLLOWED?

REF: TAG-OUT USER'S MANUAL (TUM) 1.5.1.e

TAG-OUT USER'S MANUAL (TUM) Appendix I 5.2

OPNAVINST 3120.32 Series 630.17F

TAG-OUT USER'S MANUAL (TUM) 1.5

TAG-OUT USER'S MANUAL (TUM) 1.6

C R NA UA

Repeat

Significant

PMS

20. (A7A3) IF MAINTENANCE OR REPAIR OF EQUIPMENT IS IN PROGRESS, IS EQUIPMENT PROPERLY TAGGED OUT?

REF: NSTM 300 -G.5.3

TAG-OUT USER'S MANUAL APPENDIX F & G

OPNAVINST 5100.19 Series C1302a9

C R NA UA

Repeat

Significant

PMS

21. (A7A4) DOES THE SHIP (NON CARRIERS) MAINTAIN AN EMERGENCY DIVE BILL TO INCLUDE PRE-PREPARED TAG OUT RECORD SHEETS AND DANGER TAGS?

REF: COMNAVSURFORINST 3300.1B

C R NA UA

Repeat

Significant

PMS

07. Cables and Cableways

22. (A8A0) ARE DEAD-END CABLES PROPERLY IDENTIFIED AND ISOLATED?

REF: NSTM 300 -4.6.9

NAVSEAINST 9304.1C (4F)

DOD-STD-2003 SECT 1 (FIG 1A10, 1A12)

DOD-STD-2003 SECT 4 (4.1.8, 5.7.4)

C R NA UA

Repeat

Significant

PMS

23. (A8B0) ARE CABLES PROPERLY SUPPORTED WITH CABLE HANGERS/BANDING STRAP? ARE STUFFING TUBES USED ON CABLE PENETRATIONS?

REF: NSTM 300 -4.2.3.1.2

DOD-STD-2003 SECT 1, 3 AND 4

GSO 304 E

NSTM 300 -4.6.10.1/.2

C R NA UA

Repeat

Significant

PMS

24. (A8C0) DO SHOCK-MOUNTED MOTORS AND OTHER PIECES OF SHOCK-MOUNTED ELECTRICAL EQUIPMENT HAVE REQUIRED GROUNDING STRAPS?

REF: NSTM 300 -4.3.3.F

GSO 235 J

MIL-STD-1310

NAVSEA DRAWING 803-5001027

PMS MIP 3000/001 24M-1

C R NA UA

Repeat

Significant

PMS

08. Test Equipment

25. (A9A0) ARE SHORTING PROBES MODIFIED AND MAINTAINED IAW PMS MIP 3000?

REF: PMS MIP 3000/001 S-6R

PMS MIP 3000/100 S-6R

C R NA UA

Repeat

Significant

PMS

09. Heaters

26. (AAA0) ARE APPROVED QUARTERDECK PORTABLE ELECTRICAL HEATERS BEING USED?

REF: NAVSURWARCEN LETTER 9213/176 11 SEP 03.

C R NA UA

Repeat

Significant

PMS

10. Switchboard Safety

27. (B1A0) ARE OPERATING INSTRUCTIONS AND SAFETY PRECAUTIONS POSTED IN THE VICINITY OF THE SWITCHBOARD?

REF: DANGER HIGH VOLTAGE SIGNS-0118-LF 114-3600

SAFETY PRECAUTIONS ELECTRICAL-0118-LF-019-6100

WARNING FOR RESCUING SHOCK VICTIMS 0118-LF-020-2700

C R NA UA

Repeat

Significant

PMS

28. (B1B0) HAVE REQUIRED 100 AMP CIRCUIT BREAKER FUSE UNITS BEEN MODIFIED WITH REQUIRED PLASTIC COVERS?

REF: NAVSURFWARCEN SHIPSYSENGSTA, PHILADELPHIA, PA MESSAGE 211800ZNOV02.

C R NA UA

Repeat

Significant

PMS

29. (B1D0) ARE SWITCHBOARD, CONTROLLER, ABT/ MBT, BREAKER/ FUSE PANEL ENCLOSURES IN GOOD MATERIAL CONDITION INCLUDING ALL NECESSARY HARDWARE?

REF: PMS MIP 3240/002 24M-2

PMS MIP 3240/002 24M-3

NSTM 300 -4.8.1

NSTM 300 -4.8.2

PMS MIP 3240/002 18M-2

PMS MIP 3301/002 18M-1

PMS MIP 3301/002 36M-1

PMS MIP 3001/002 U-2

PMS MIP 3240/002 18M-4

C R NA UA

Repeat

Significant

PMS

30. (B1E0) ARE INSTALLED METERS OPERATIVE AND CALIBRATED?

REF: NSTM 300 -4.8.1.h

NSTM 491 -3.4

PMS MIP 9802/001

PMS MIP 9802/002

PMS MIP 9802/003

PMS MIP 9802/004

PMS MIP 9802/005

C R NA UA

Repeat

Significant

PMS

31. (B1F0) ARE CIRCUITS FREE OF GROUNDS?

REF: NSTM 300 -2.3.1.1.c

NSTM 300 -3.2.5/.6/.7

NSTM 320 -1.6.9.3, -1.2.1.1

C R NA UA

Repeat

Significant

PMS

32. (B1G0) ARE WOODEN GRAB RAILS PROPERLY INSTALLED?

REF: NSTM 320 -2.2.6.2

GSO 622 E

C R NA UA

Repeat

Significant

PMS

33. (B1I0) IS THE SWITCHGEAR FREE OF ANY OPENINGS WHERE BREAKERS OR OTHER DEVICES HAVE BEEN REMOVED?

REF: NSTM 300 -2.5.4.1.c/f/h

NSTM 300 -2.5.4.2.e

GSO 324 C

C R NA UA

Repeat

Significant

PMS

34. (B1J0) ARE LIGHTING, EMERGENCY LIGHTING AND HAND LANTERNS IN THE VICINITY OF THE SWITCHGEAR ADEQUATE?

REF: GSO 332 E
GSO 332 G
NSTM 330 -1.6.4.3.3.1

C R NA UA
 Repeat
 Significant
 PMS

35. (B1K0) ARE VENTILATION DUCTS DIRECTED AWAY FROM THE SWITCHGEAR?

REF: NSTM 300 -4.4.2.2.4
NSTM 320 -2.2.6.4 (L)
NSTM 300 -4.8.1.1

C R NA UA
 Repeat
 Significant
 PMS

36. (B1L0) IS RUBBER MATTING OF THE PROPER MATERIAL, STENCILED, FREE OF MOISTURE UNDERNEATH AND CORRECTLY INSTALLED AROUND SWITCHBOARDS IAW REFERENCES?

REF: NSTM 634 -3.8.1
GSO 634C
NSTM 320 -2.2.6.2
NSTM 300 -4.8.1.1

C R NA UA
 Repeat
 Significant
 PMS

11. Shore Power

37. (C1A0) DO SHORE POWER CABLES APPEAR TO BE SAFE AND WELL PROTECTED? ARE PIGTAIL CONNECTIONS RAISED AND INSULATED FROM THE DECK?

REF: NSTM 320 -2.2.7.2 (5) (6)
PMS MIP 3211/001 R-1
EOSS SPRU

C R NA UA
 Repeat
 Significant
 PMS

38. (C2A0) ARE THE SHORE POWER RECEPTACLES PROVIDED WITH A RECEPTACLE CONTROL SWITCH TO OPEN ASSOCIATED BREAKER WHENEVER THE RECEPTACLE COVER IS OPENED OR THE PLUG REMOVED AND IS EACH RECEPTACLE PROVIDED WITH A FUNCTIONING PILOT LIGHT?

REF: NSTM 320 -2.2.7.2
PMS MIP 3211/001 R-1
GSO 320 D

C R NA UA
 Repeat
 Significant
 PMS

39. (C3A0) IS SHORE POWER BEING RIGGED AND UNRIGGED CORRECTLY INCLUDING CORRECT TAG-OUTS?

REF: EOSS SPRU
NSTM 320 -2.2.7.2
TAG-OUT USER'S MANUAL (TUM)

C R NA UA
 Repeat
 Significant
 PMS

12. Casualty Power

40. (D1A0) ARE CASUALTY POWER CABLES AND TERMINALS IN SATISFACTORY CONDITION?

REF: NSTM 320 -1.2.8.2
NSTM 320 -3.4
NSTM 079 (V3) 079-47.4.2
NSTM 079 (V3) FIG 079-47-2, FIG 079-47-1
PMS MIP 3201/002
PMS MIP 3212/002 18M-1

C R NA UA
 Repeat
 Significant
 PMS

41. (D1A1) ARE CASUALTY POWER TERMINALS PROPERLY LABELED WITH WARNING SIGNS POSTED ON NORMALLY HOT TERMINALS?

REF: NSTM 320 -1.2.8.2
NSTM 079 (V3) -47.4.2.3.5
GSO 320 G
PMS MIP 3201/002
PMS MIP 3212/002 18M-1

C R NA UA
 Repeat
 Significant
 PMS

42. (D2A1) ARE RISER AND BULKHEAD TERMINALS COVERED WHEN NOT IN USE?
REF: NSTM 079 (V3) 47.4.2.3.4 and .6
GSO 320 G
PMS MIP 3201/002
PMS MIP 3212/002 18M-1

C R NA UA
 Repeat
 Significant
 PMS

13. Controllers, ABTS, Fuse and Power Panels

43. (E1A0) ARE MEGGER TEST HOLES PLUGGED ON POWER PANELS, SWITCHBOARDS
AND THE POWER SUPPLY CIRCUIT BREAKERS OF MANUAL BUS TRANSFERS?
REF: GENADMIN NAVSEA 230319ZNOV98 / 150124Z DEC 98
NSN 5340-01-081-1718

C R NA UA
 Repeat
 Significant
 PMS

44. (E1B0) DO CONTROLLERS WITH ELECTRICAL COMPONENTS RATED AT 30 VOLTS
AC/DC OR GREATER MOUNTED ON THE CONTROLLER DOOR HAVE GROUNDING
STRAP CONNECTED BETWEEN THE DOOR AND THE MAIN BODY OF THE
CONTROLLER?
REF: PMS MIP 3001/002 U-2
NSTM 300 -2.2.1.2
MIL-E-2036 D (3.1.8.1.4), P
PMS MIP 3001/002 18M-1
PMS MIP 3001/002 S-1

C R NA UA
 Repeat
 Significant
 PMS

45. (E1C0) IS ELECTRICAL EQUIPMENT MOUNTED ON NON-STRUCTURAL BULKHEADS
PROPERLY GROUNDED TO SHIP'S HULL?
REF: PMS MIP 3000/001 A-5

C R NA UA
 Repeat
 Significant
 PMS

46. (F1A0) ARE FUSE PANELS CLEAN, DRY, FREE OF DEBRIS AND FREE OF EXCESSIVE CORROSION?

REF: NSTM 300 -2.6.4
NSTM 300 -4.4.5.f
NSTM 300 -4.8.1
NSTM 320 -3.2.1
PMS MIP 3202/009 24M-4
PMS MIP 3301/002 18M-1
PMS MIP 3240/002 24M-3
PMS MIP 3311/002 24M-2
COMNAVSEASYS COM WASH DC MSG 101451ZDEC09

C R NA UA
 Repeat
 Significant
 PMS

47. (F1A1) ARE POWER PANELS CLEAN, DRY, FREE OF DEBRIS AND FREE OF EXCESSIVE CORROSION?

REF: NSTM 300 -2.6.4
NSTM 074 -4.4.5.f
COMNAVSEASYS COM WASH DC MSG 101451ZDEC09
PMS MIP 3202/008 24M-1
NSTM 320 -3.2.1
PMS MIP 3202/009 A-2R, A-4, A-5R, A-8R
NSTM 300 -4.8.1

C R NA UA
 Repeat
 Significant
 PMS

48. (F1A2) ARE ABTs AND MBTs CLEAN, DRY, FREE OF DEBRIS AND FREE OF EXCESSIVE CORROSION?

REF: NSTM 300 -2.6.4
NSTM 300 -4.4.5.f
NSTM 320 -3.2.1
NSTM 300 -4.8.1
PMS MIP 3202/047 18M-2, 18M-7, 24M-7
COMNAVSEASYS COM WASH DC MSG 101451ZDEC09
PMS MIP 3241/051 18M-2R, 18M-4, 24M-4
PMS MIP 3202/009 A-6, 18M-2, 18M-3, 24M-2
PMS MIP 3202/001 18M-2, 36M-1
PMS MIP 3240/002 18M-2, 18M-4, 24M-2

C R NA UA
 Repeat
 Significant
 PMS

49. (F1A3) ARE CONTROLLERS CLEAN, DRY, FREE OF DEBRIS AND FREE OF EXCESSIVE CORROSION?

REF: NSTM 300 -2.6.4

NSTM 300 -4.4.5.f

PMS MIP 3301/002 36M-1

COMNAVSEASYS COM WASH DC MSG 101451ZDEC09

PMS MIP 3001/002 S-1, 18M-1

NSTM 300 -4.8.1

NSTM 320 -3.2.1

C R NA UA

Repeat

Significant

PMS

50. (F1D0) ARE INDICATOR LIGHTS OPERATIVE AND OF CORRECT COLOR?

REF: NSTM 320 -2.2.9

GSO 305 G

C R NA UA

Repeat

Significant

PMS

51. (F1G0) ARE FUSE BOXES PROPERLY LABELED? (INCLUDING THE CIRCUIT CONTROLLED, THE PHASES OR POLARITIES AND THE FUSE AMPERE RATINGS)

REF: GSO 305 E

PMS MIP 3301/002 18M-1

PMS MIP 3240/002 24M-3

PMS MIP 3311/002 24M-2

C R NA UA

Repeat

Significant

PMS

52. (F1H0) IS THERE EVIDENCE OF IMPROPERLY RIGGED, NICKEL-PLATED FUSES, UNDERFUSING, COTS FUSES OR OVERFUSED ELECTRICAL CIRCUITS?

REF: MIL-PRF-15160G 6.1.5.1
NSTM 300 -2.5.3.1.b/c
NSTM 300 -2.5.3.2.b/c
NSTM 300 -2.5.3.1
NSTM 320 -1.7.4
GSO 303H
PMS MIP 3301/002 18M-1
PMS MIP 3240/002 24M-3
PMS MIP 3311/002 24M-2

C R NA UA
 Repeat
 Significant
 PMS

53. (F1I0) DO DISTRIBUTION PANELS HAVE CIRCUIT INFORMATION PLATES ADJACENT TO THE HANDLE OF EACH CIRCUIT BREAKER WITH INFORMATION IN THE FOLLOWING ORDER: CIRCUIT NUMBER, NAME AND LOCATION OF EQUIPMENT?

REF: GSO 305 E
PMS MIP 3301/002 18M-1
PMS MIP 3240/002 24M-3
PMS MIP 3311/002 24M-2

C R NA UA
 Repeat
 Significant
 PMS

54. (F1L0) ARE ELECTRICAL PANEL, CONTROLLER AND JUNCTION BOX COVERS CLOSED?

REF: NSTM 300 -2.3.1.2.e(5)
NSTM 300 -2.3.1.2b
NSTM 302 -3.3.2
OPNAVINST 5100.19 Series C0903 H

C R NA UA
 Repeat
 Significant
 PMS

55. (F1M0) ARE CLEARANCES PROVIDED IN THE IMMEDIATE VICINITY OF ELECTRICAL EQUIPMENT AND MACHINERY TO PERMIT COMPLETE ACCESSIBILITY FOR OPERATION, MAINTENANCE, REPAIRS, RENEWAL OF FUSES AND TESTING?

REF: GSO 300 D
GSO 070 H

C R NA UA
 Repeat
 Significant
 PMS

56. (F1N0) ARE SHIELDS INSTALLED AS NECESSARY TO PROTECT ELECTRIC EQUIPMENT AND MACHINERY FROM JETS OR SPRAY RESULTING FROM THE NORMAL OPERATION OF, OR DAMAGE TO, PUMPS, PIPES, TUBES, COUPLINGS, VALVES OR FITTINGS IN WATER, STEAM OR OIL PIPING SYSTEMS?

REF: NSTM 300 -4.4.2.1
NSTM 300 -4.4.5.b/k
NSTM 300 -4.4.2.1
NSTM 300 -4.4.5.b/k
NSTM 300 -4.8.1.1
GSO 300 D

C R NA UA
 Repeat
 Significant
 PMS

14. Batteries

57. (G1B0) ARE BATTERIES PROPERLY SECURED IN THEIR RACKS?

REF: DOD-STD-2003-2 4.3.1
GSO 313 F

C R NA UA
 Repeat
 Significant
 PMS

58. (G1C0) ARE OPERATING INSTRUCTIONS AND SAFETY PRECAUTIONS POSTED? (SAFETY PRECAUTIONS ELECTRICAL- 0118-LF-019-6100, SAFETY PREECAUTIONS STORAGE BATTERIES- 0118-LF-114-3900 AND NO SMOKING BATTERY ON CHARGE- 0118-LF-113-3600)

REF: GSO 602H
NSTM 313 -2.10
OPNAVINST 5100.19 Series C0904

C R NA UA
 Repeat
 Significant
 PMS

59. (G1D0) IS THE BATTERY SHOP EXHAUST VENTILATION INTERLOCKED WITH THE POWER SUPPLY TO BATTERY CHARGER?

REF: GSO 313 F

PMS MIP 3131/005 S-2

NSTM 510 -6.1.11

OPNAVINST 5100.19 Series C0904A

C R NA UA

Repeat

Significant

PMS

60. (G1G0) ARE DELUGE SHOWER, EYE-FACE BATH AND DRAIN INSTALLED IN BATTERY LOCKER AND BATTERY SHOP?

REF: GSO 644 D

NSTM 313 -2.5.5.6

NSTM 670 -1.6

OPNAVINST 5100.19 Series B0508d

C R NA UA

Repeat

Significant

PMS

61. (G1H0) ARE THERE TWO BATTERY WATER CONTAINERS AND ONE SODA WATER CONTAINER PROVIDED IN BATTERY ROOM AND CHARGING SHOP?
(CONTAINERS SHALL BE 5-GAL POLYETHYLENE BOTTLES NSN 8125-00-888-7069)

REF: GSO 313 F

NSTM 313 -2.5.5.6

C R NA UA

Repeat

Significant

PMS

62. (G1I0) ARE RUBBER APRON, RUBBER BOOTS, CHEMICAL RUBBER GLOVES AND FULL FACE SHIELD PRESENT?

REF: OPNAVINST 5100.19 SERIES C0904n3

NSTM 313 -2.5.5.4

C R NA UA

Repeat

Significant

PMS

63. (G1J0) IS THERE A 15-LB CO2 FIRE EXTINGUISHER LOCATED WITHIN 30 FT OF THE CHARGING STATION?

REF: NSTM 555 -4.2.1

GSO 555 B1

C R NA UA

Repeat

Significant

PMS

64. (G1K0) ARE ACID STOWAGE LOCKERS LARGE ENOUGH TO STORE THE TOTAL QUANTITY OF ACIDS WITH TIGHT FITTING LIDS OR DOORS AND LINED WITH LEAD OR ACID RESISTANT SYNTHETIC RUBBER, TYPE II, WITH ADEQUATE SIZE SPILL TRAY?

REF:

NSTM 220

NSTM 670 -13.3

PMS MIP 6600/002 S-2

OPNAVINST 5100.19 Series C2302e4

GSO 671 C

C R NA UA

Repeat

Significant

PMS

15. Lighting

65. (H1B0) DO WEATHERDECK LIGHTING FIXTURES APPEAR TO BE WATERTIGHT AND FREE FROM WATER INTRUSION?

REF: NSTM 300 -4.4.5

C R NA UA

Repeat

Significant

PMS

66. (H1C0) IS CORRECT LIGHTING BEING USED FOR BROW ILLUMINATION?

REF: NSTM 330 -1.9.2.4

GSO 332 G

NAVSAFECEN ADVISORY 03-95

C R NA UA

Repeat

Significant

PMS

67. (H1D0) ARE DRESS SHIP LIGHTS OF THE PROPER TYPE?
REF: DOD-HDBK-289 (SH) APPENDIX B SECTION I SHEET 1
NSTM 330 -1.9.2.16

C R NA UA
 Repeat
 Significant
 PMS

68. (H1E0) ARE FLOURESCENT AND INCANDESCENT LIGHT FIXTURES PROPERLY SHIELDED?
REF: DOD-HDBK-289 6.6
NSTM 330 -3.5.1
NSTM 330 -2.2.13
GSO 332 B

C R NA UA
 Repeat
 Significant
 PMS

69. (H1G0) ARE RELAY OPERATED HAND LANTERNS PROPERLY INSTALLED WHERE REQUIRED? (I.E., ESCAPE ROUTES, VITAL EQUIPMENT, FLUSH DECK SCUTTLES, BRIDGE AREA, LAUNDRY, PANTRY, GALLEY, INSIDE AND OVER DOOR OF WALK-IN REEFER, WORKSHOPS AND OVER SAFES CONTAINING CLASSIFIED MATERIAL)
REF: NSTM 330 -1.6.4.3.4
GSO 332 G

C R NA UA
 Repeat
 Significant
 PMS

70. (H1H0) ARE ALL RELAY OPERATED BATTLE LANTERNS MOUNTED UPRIGHT?
REF: NSTM 330 -1.6.4.3.3.3

C R NA UA
 Repeat
 Significant
 PMS

71. (H1I0) HAVE PLASTIC STARTERS BEEN REPLACED WITH METAL STARTERS IN ALL FLUORESCENT LIGHT FIXTURES?
REF: NAVSURFWARCEN SHIPSYSENGSTA PHIL PA MSG 161433Z AUG07
NAVSURFWARCEN SHIPSYSENGSTA PHIL PA MSG 161734Z SEP10

C R NA UA
 Repeat
 Significant
 PMS

72. (H1J0) ARE WEATHER DECK RECEPTACLES MAINTAINED IAW PMS?
REF: PMS MIP 3000/001 18M-1

C R NA UA
 Repeat
 Significant
 PMS

16. Workbenches

73. (I1A0) ARE ALL ELECTRICAL WORKBENCHES INSULATED AND GROUNDED?
REF: NSTM 300 APPENDIX H.1.3
PMS MIP 6652/006 A-1
MIL-STD-1310
NSTM 300 APPENDIX H.1.2
GSO 665 F
GSO 400 C
GSO 070 H

C R NA UA
 Repeat
 Significant
 PMS

74. (I1B0) IF WORKBENCH HAS BEEN DOWGRADED, HAS IT BEEN DONE PROPERLY
WITH APPLICABLE SIGN POSTED?
REF: NSTM 300 APPENDIX H.6
NSTM 300 APPENDIX H.5.B

C R NA UA
 Repeat
 Significant
 PMS

75. (I1D0) IS THE TOP WORKING SURFACE OF THE BENCH INSULATED WITH 3/8"
ARBORON OR BENELEX 401? (NSN 5970-01-030-2607)
REF: PMS MIP 6652/006 A-1
NSTM 300 APPENDIX H.1.3.1
NSTM 300 -H-2
GSO 665 F

C R NA UA
 Repeat
 Significant
 PMS

76. (I1E0) ARE WORKBENCH VERTICAL SURFACES COVERED WITH 1/8" PLASTIC LAMINATE? NSN 5970-00-912-1908

REF: PMS MIP 6652/006 A-1

NSTM 300 APPENDIX H.1.3.2, FIG 300-H-3

GSO 665 F

C R NA UA

Repeat

Significant

PMS

77. (I1F0) ARE ALL ATTACHED HARDWARE INSULATED?

REF: PMS MIP 6652/006 A-1

NSTM 300 APPENDIX H.1.3.5

GSO 665 F

C R NA UA

Repeat

Significant

PMS

78. (I1G0) IS THERE A DISCONNECT SWITCH MOUNTED 48 TO 54 INCHES ABOVE THE DECK AND WITHIN A RED-PAINTED TARGET OFFSET FROM THE ELECTRICAL WORKBENCH (NOT OVER THE BENCH) TO SECURE THE POWER TO THE 115 VOLT RECEPTACLES LOCATED ON, OVER OR NEAR THE BENCH INCLUDING THE TEST PANEL?

REF: PMS MIP 6652/006 A-1

NSTM 300 APPENDIX H.4

GSO 320 C

C R NA UA

Repeat

Significant

PMS

79. (I1H0) IS THERE A PLACARD POSTED ABOVE THE ELECTRICAL WORKBENCH: "THIS IS AN ELECTRICALLY SAFE WORKBENCH?" IS A PLACARD POSTED NEAR THE EMERGENCY DISCONNECT SWITCH "FOR EMERGENCY USE ONLY?"

REF: NSTM 300 APPENDIX H.5.A,E

GSO 665 F

C R NA UA

Repeat

Significant

PMS

80. (I1I0) ARE ALL SAFETY PRECAUTION SIGNS INCLUDING: ARTIFICIAL RESPIRATION INSTRUCTIONS AND INSTRUCTIONS WHICH GIVE AN APPROVED METHOD OF RESCUING PERSONNEL IN CONTACT WITH ENERGIZED CIRCUITS POSTED IN THE VICINITY OF THE BENCH?
REF: NSTM 300 APPENDIX H.5.C
GSO 665 F

C R NA UA
 Repeat
 Significant
 PMS

17. Electrical Tools

81. (J1A0) IS THERE A ONE-TIME/INITIAL INSPECTION BEING CONDUCTED AND EQUIPMENT TAGGED ON ALL PERSONAL ELECTRICAL EQUIPMENT PRIOR TO INTRODUCTION ONBOARD?
REF: NSTM 300 -2.7.4.7.2.1.c
NSTM 300 -2.7.6
NSTM 300 -2.7.3.4
NSTM 300 -2.7.3.6.1/2/4

C R NA UA
 Repeat
 Significant
 PMS

82. (J1B0) ARE EXPLOSIVE-PROOF TYPE PORTABLE EXTENSION LIGHTS BEING USED VICE OPEN TYPE?
REF: NSTM 330 -1.9.2.23
NSTM 330 -1.9.2.24

C R NA UA
 Repeat
 Significant
 PMS

83. (J1C0) IS PORTABLE AND MOBILE ELECTRIC EQUIPMENT BEING SAFETY CHECKED IAW CURRENT DIRECTIVES?
REF: NSTM 300 -2.7.4.7.2.1.a/b/c
NSTM 300 -2.7.4.7.3
PMS MIP 3000/001 R-6
PMS MIP 3000/001 Q-1R
OPNAVINST 5100.19 Series B0702e2 and e3
PMS MIP 3000/001 Q-2R
PMS MIP 3000/001 R-5

C R NA UA
 Repeat
 Significant
 PMS

84. (J1D0) ARE ALL SURGE PROTECTORS AUTHORIZED FOR USE ONBOARD SHIP AND CHECKED IAW PMS?

REF: OPNAVINST 5100.19 Series C0903r

NSTM 300 -2.7.3.5.d

PMS MIP 3000/001 A-4R

C R NA UA

Repeat

Significant

PMS

85. (J1E0) ARE ALL PERSONAL PROTECTIVE EQUIPMENT IN THE TOOL ISSUE PROPERLY MAINTAINED INCLUDING: RUBBER GLOVES PROPERLY PMS'ED AND PLACED IN ORIGINAL BOX/PROTECTED FROM DAMAGE DURING STORAGE? ARE LEATHER OVER-GLOVES AVAILABLE TO PROTECT RUBBER GLOVES FROM DAMAGE DURING USE.

REF: PMS MIP 3000/001 R-1, R-3

OPNAVINST 5100.19 Series C0903a3

OPNAVINST 5100.19 Series B0706b

OPNAVINST 5100.19 Series B1203c8 and c9

C R NA UA

Repeat

Significant

PMS

86. (J1F0) IS THE ELECTRICAL REPAIR KIT IN THE REPAIR LOCKER (S) OR DAMAGE CONTROL UNIT (DCU), DAMAGE CONTROL UNIT PATROL STATION (DCUPS) AND RESCUE AND ASSISTANCE RE-ENTRY LOCKER (REL) BEING MAINTAINED?

REF: AEL 2-880044243

AEL 2-880044244

C R NA UA

Repeat

Significant

PMS

87. (J1G0) ARE REPAIR LOCKER RUBBER GLOVES BEING PROPERLY MAINTAINED?

REF: PMS MIP 6641/006 R-12

C R NA UA

Repeat

Significant

PMS

88. (J1H0) DOES TOOL ISSUE ROOM HAVE HIGH VOLTAGE SAFETY EQUIPMENT?

REF: NSTM 300 300-I-2
NSTM 300 300-2-1a
NSTM 300 300-2-1b
NSTM 300 300-2-2
NSTM 300 300-2-3

C R NA UA
 Repeat
 Significant
 PMS

18. Galley

89. (K1B0) IS THE CIRCUIT BREAKER SUPPLYING POWER TO EACH DEEP FAT FRYER PROVIDED WITH A SHUNT-TRIP COIL?

REF: GSO 320 E
PMS MIP 6539/001

C R NA UA
 Repeat
 Significant
 PMS

90. (K1C0) IS OFF/ON SWITCH GUARD FOR MEAT SLICING MACHINE SET UP TO PREVENT INADVERTENT STARTING?

REF: OPNAVINST 5100.19 Series C1905a5
OPNAVINST 5100.19 Series C1905f5

C R NA UA
 Repeat
 Significant
 PMS

91. (K1D0) IS "DANGER SHOCK HAZARD" SIGN POSTED ON ALL GALLEY ELECTRICAL EQUIPMENT? (WHERE VOLTAGES ARE BETWEEN 30 VOLTS AND 500 VOLTS)?

REF: GSO 070 H

C R NA UA
 Repeat
 Significant
 PMS

92. (K1E0) ARE GALLEY ELECTRICAL EQUIPMENT OPERATING INSTRUCTIONS AND SAFETY PRECAUTIONS PROPERLY POSTED AND ARE PERSONNEL FAMILIAR WITH THEIR CONTENTS?

REF: GSO 602 H
OPNAVINST 5100.19 Series C1902d

C R NA UA
 Repeat
 Significant
 PMS

93. (K1F0) IS GALLEY GARBAGE GRINDER IN SAFE OPERATING CONDITION WITH SAFETY CLEANOUT INTERLOCK AND INDICATING LIGHTS FUNCTIONING PROPERLY?

REF: UL 430

SAFETY ADVISORY Waste Disposal- ADVISORY 05-14

PMS MIP 6517/004 A-2

OPNAVINST 5100.19 Series C1902o

C R NA UA

Repeat

Significant

PMS

94. (K1J0) ARE THE GREASE INTERCEPTOR HOOD EXHAUST DAMPER THERMOSTATIC SWITCHES TESTED IAW PMS?

REF: PMS MIP 9802/002 U-30

PMS MIP 5121/004 U-22

PMS MIP 9802/002 U-7

C R NA UA

Repeat

Significant

PMS

19. Underway Operation

95. (L1A0) 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 5100.19 Series A0402.C

C R NA UA

Repeat

Significant

PMS

Electrical

COMMAND NAME:

LOCATION:

UIC:

DATE:

SURVEYOR(S):

NO. COMPLETE:

NO. REQ ACTION:

NOT APPLICABLE:

| Q # | Question | Result | Sig | Rep | PMS |
|-----|----------|---------|-----|-----|-----|
| 1 | 3EEA1C0 | C R N U | | | |
| 2 | 3EEA1D0 | C R N U | | | |
| 3 | 3EEA1E0 | C R N U | | | |
| 4 | 3EEA1F0 | C R N U | | | |
| 5 | 3EEA1G0 | C R N U | | | |
| 6 | 3EEA1G1 | C R N U | | | |
| 7 | 3EEA1H0 | C R N U | | | |
| 8 | 3EEA1I0 | C R N U | | | |
| 9 | 3EEA1J0 | C R N U | | | |
| 10 | 3EEA2A0 | C R N U | | | |
| 11 | 3EEA2B0 | C R N U | | | |
| 12 | 3EEA3A0 | C R N U | | | |
| 13 | 3EEA3B0 | C R N U | | | |
| 14 | 3EEA4A0 | C R N U | | | |
| 15 | 3EEA4A1 | C R N U | | | |
| 16 | 3EEA5A0 | C R N U | | | |
| 17 | 3EEA7A0 | C R N U | | | |
| 18 | 3EEA7A1 | C R N U | | | |
| 19 | 3EEA7A2 | C R N U | | | |
| 20 | 3EEA7A3 | C R N U | | | |
| 21 | 3EEA7A4 | C R N U | | | |
| 22 | 3EEA8A0 | C R N U | | | |
| 23 | 3EEA8B0 | C R N U | | | |
| 24 | 3EEA8C0 | C R N U | | | |
| 25 | 3EEA9A0 | C R N U | | | |
| 26 | 3EEAAA0 | C R N U | | | |
| 27 | 3EEB1A0 | C R N U | | | |
| 28 | 3EEB1B0 | C R N U | | | |
| 29 | 3EEB1D0 | C R N U | | | |
| 30 | 3EEB1E0 | C R N U | | | |
| 31 | 3EEB1F0 | C R N U | | | |
| 32 | 3EEB1G0 | C R N U | | | |
| 33 | 3EEB1I0 | C R N U | | | |

| Q # | Question | Result | Sig | Rep | PMS |
|-----|----------|---------|-----|-----|-----|
| 34 | 3EEB1J0 | C R N U | | | |
| 35 | 3EEB1K0 | C R N U | | | |
| 36 | 3EEB1L0 | C R N U | | | |
| 37 | 3EEC1A0 | C R N U | | | |
| 38 | 3EEC2A0 | C R N U | | | |
| 39 | 3EEC3A0 | C R N U | | | |
| 40 | 3EED1A0 | C R N U | | | |
| 41 | 3EED1A1 | C R N U | | | |
| 42 | 3EED2A1 | C R N U | | | |
| 43 | 3EEE1A0 | C R N U | | | |
| 44 | 3EEE1B0 | C R N U | | | |
| 45 | 3EEE1C0 | C R N U | | | |
| 46 | 3EEF1A0 | C R N U | | | |
| 47 | 3EEF1A1 | C R N U | | | |
| 48 | 3EEF1A2 | C R N U | | | |
| 49 | 3EEF1A3 | C R N U | | | |
| 50 | 3EEF1D0 | C R N U | | | |
| 51 | 3EEF1G0 | C R N U | | | |
| 52 | 3EEF1H0 | C R N U | | | |
| 53 | 3EEF1I0 | C R N U | | | |
| 54 | 3EEF1L0 | C R N U | | | |
| 55 | 3EEF1M0 | C R N U | | | |
| 56 | 3EEF1N0 | C R N U | | | |
| 57 | 3EEG1B0 | C R N U | | | |
| 58 | 3EEG1C0 | C R N U | | | |
| 59 | 3EEG1D0 | C R N U | | | |
| 60 | 3EEG1G0 | C R N U | | | |
| 61 | 3EEG1H0 | C R N U | | | |
| 62 | 3EEG1I0 | C R N U | | | |
| 63 | 3EEG1J0 | C R N U | | | |
| 64 | 3EEG1K0 | C R N U | | | |
| 65 | 3EEH1B0 | C R N U | | | |
| 66 | 3EEH1C0 | C R N U | | | |
| 67 | 3EEH1D0 | C R N U | | | |
| 68 | 3EEH1E0 | C R N U | | | |
| 69 | 3EEH1G0 | C R N U | | | |
| 70 | 3EEH1H0 | C R N U | | | |
| 71 | 3EEH1I0 | C R N U | | | |
| 72 | 3EEH1J0 | C R N U | | | |
| 73 | 3EEI1A0 | C R N U | | | |
| 74 | 3EEI1B0 | C R N U | | | |
| 75 | 3EEI1D0 | C R N U | | | |
| 76 | 3EEI1E0 | C R N U | | | |

| Q # | Question | Result | Sig | Rep | PMS |
|-----|----------|---------|-----|-----|-----|
| 77 | 3EEI1F0 | C R N U | | | |
| 78 | 3EEI1G0 | C R N U | | | |
| 79 | 3EEI1H0 | C R N U | | | |
| 80 | 3EEI1I0 | C R N U | | | |
| 81 | 3EEJ1A0 | C R N U | | | |
| 82 | 3EEJ1B0 | C R N U | | | |
| 83 | 3EEJ1C0 | C R N U | | | |
| 84 | 3EEJ1D0 | C R N U | | | |
| 85 | 3EEJ1E0 | C R N U | | | |
| 86 | 3EEJ1F0 | C R N U | | | |
| 87 | 3EEJ1G0 | C R N U | | | |
| 88 | 3EEJ1H0 | C R N U | | | |
| 89 | 3EEK1B0 | C R N U | | | |
| 90 | 3EEK1C0 | C R N U | | | |
| 91 | 3EEK1D0 | C R N U | | | |
| 92 | 3EEK1E0 | C R N U | | | |
| 93 | 3EEK1F0 | C R N U | | | |
| 94 | 3EEK1J0 | C R N U | | | |
| 95 | 3EEL1A0 | C R N U | | | |