NAVSEA 9255/4 (Rev. 1-79) (Front)

FEEDWATER CHEMISTRY WORKSHEET/LOG

SYSTEM _____ SHIP _____ DATE _____ PAGE _____

CHEMICAL TESTS AND SALINITY INDICATOR COMPARISON (REQUIRED DAILY)

TIME	SALINITY INDICATOR (NOTE 1)	CHLORIDE: ML MERCURIC NITRATE	CHLORIDE: ML x 0.1 EPM CHLORIDE	INDICATOR READING (EPM)	COMPARISON: SAT	COMPARISON: UNSAT	HARDNESS: ML EDTA	HARDNESS: ML x 0.2 EPM HARDNESS	OIL KING INITIAL
	MAIN CONDENSATE								
	AUX CONDENSATE								
	DFT								
	EVAP DISTILLATE								
	MAKEUP FEED								

FEEDWATER CHEMICAL TESTS

TIME	CODE	LOCATION	DISSOLVED OXYGEN LIMIT: 15 PPB NOTE 2	OH RANGE ABC 9.00 NOTE 3: MORPHOLINE ROTAMETER SETTING	OH RANGE ABC 9.00 NOTE 3: pH	CHLORIDE NOTE 1: ML MERCURIC NITRATE	CHLORIDE NOTE 1: ML x 0.1 EPM CHLORIDE	HARDNESS LIMIT: 0.02 EPM: ML EDTA	HARDNESS LIMIT: 0.02 EPM: ML x 0.2 EPM HARDNESS	OIL KING INITIAL

NOTE 1: EVAPORATOR DISTILLATE LIMIT: .067 EPM BY SI; .07 EPM BY CH
10 MMHOS BY CC RESERVE FEED LIMIT: 0.10 EPM
CONDENSATE, DRAINS, DEAERATED FEEDWATER LIMIT: 0.02 EPM
NOTE 2: CHEMICAL TEST - DAILY: PRIOR TO DFT LIGHT - OFF (PTL), AN, WITHIN 2 HOURS ADL

NOTE 3: AIRCRAFT CARRIERS - 60 TO 90 MINS. AFTER ON LINE; WITHIN 6 HRS.
OTHER SHIPS - 60 TO 90 MINS. AFTER ON LINE; WITHIN 12 HRS.

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FEEDWATER CHEMISTRY WORKSHEET/LOG

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TIME	REMARKS

LEGEND TEST CODE

SI SALINITY INDICATOR
CH CHEMICAL TEST
CC CONDUCTIVITY INDICATOR

THE FOLLOWING APPLY TO MORPHOLINE TREATED SYSTEMS:

ONL ON LINE
ADL 60 TO 90 MINS. AFTER ON LINE
RTE AIRCRAFT CARRIERS, WITHIN 6 HRS.
OTHER SHIPS, WITHIN 12 HRS.
SEC SECURED

SHORE FEEDWATER/STEAM CHEMICAL TEST DATA

OH	RANGE 5.4 - 9.5	SHIP / SHORE
HARDNESS	LIMIT: 0.10 EPM	SHIP / SHORE
CONDUCTIVITY	FDWTR LIMIT: 2.5 μMHOS/CM STS LIMIT: 25 μMHOS/CM SHIP LIMIT: 240 μMHOS/CM	SHIP / SHORE
SILICA	LIMIT: 0.20 PPM	SHIP / SHORE
ACTIVITY		

LCPO INIT	LCPO DATE	MPA INIT	MPA DATE	REVIEWED (ENGINEER OFFICER)	DATE

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