U.S. DOD Form dod-navsea-9255-14

CHELANT TREATMENT FEEDWATER CHEMISTRY WORKSHEET/LOG

SYSTEM ______________________ SHIP ______________________________________ DATE ____________ PAGE ______

CHEMICAL TESTS AND SALINITY/CONDUCTIVITY INDICATOR COMPARISON (REQUIRED DAILY)

NOTE: μmho/145=epm

TIME	INDICATOR LOCATION	CHLORIDE ml MERCURIC NITRATEx0.1= epm CHLORIDE		INDICATOR READING		COM-PARISON	HARDNESS ml EDTAx0.2= epm HARDNESS		OIL KING INITIAL
		ml	epm	μmho /cm	epm	SAT/ UNSAT	ml	epm	

FEEDWATER TREATMENT

TIME	CODE	DISSOLVED OXYGEN LIMIT: 15 ppb	HYDRAZINE RANGE: 10–40 ppb	CONTINUOUS INJECTION TANK TANK PRESSURE ________ psi			
				EDTA (ounces)	TSP/DSP (ounces)	HYDRAZINE (gallons)	TANK LEVEL (gallons)

FEEDWATER TESTS

TIME	LOCATION	INDICATOR READING μmho/cm / epm	CHLORIDE ml MERCURIC NITRATEx0.1= epm CHLORIDE		HARDNESS ml EDTAx0.2= epm HARDNESS		OIL KING INITIAL
			ml	epm	ml	epm	

CHELANT TREATMENT FEEDWATER CHEMISTRY WORKSHEET/LOG

PAGE _____

TIME	REMARKS:

LEGEND/TEST CODE	
DISSOLVED OXYGEN TESTING	CHELANT TREATMENT
PFB PRIOR TO FEEDING THE BOILER	AOL 8 TO 10 HOURS AFTER ON LINE
AOL WITHIN 2–3 HOURS AFTER BOILER ON LINE	RTE WITHIN 24 HOURS
RTE WITHIN 24 HOURS	PRP PREPARED CONTINUOUS INJECTION TANK
	CTOL CONTINUOUS TREATMENT ON–LINE
	CTS CONTINUOUS TREATMENT SECURED

REQUIREMENTS/LIMITS (MAXIMUM)		CHLORIDE epm		CONDUC–TIVITY μmho/cm	HARDNESS epm
		SALINITY INDICATOR	CHEMICAL TEST		
DISTILLATE		0.065	0.07	10.0	–
MAKEUP	DEMINERALIZED	–	–	1.0	–
	NONDEMINERALIZED	0.10	0.10	15.0	0.10
CONDENSATE, DRAINS, DFT		0.02	0.02	3.0	0.02
DISTILLER AIR EJECTOR DRAINS		0.065	0.02	10.0	–

LCPO		MPA		REVIEWED:	DATE:
INITIAL	DATE	INITIAL	DATE	(ENGINEER OFFICER)	

NSN 0116–LF–018–2800