WebAIM Short Form TASK GROUP INSTRUCTION

06-MAR-2025 1009

20.14.15.2.9020 (September 2024) ICN: 3819P22115 KeyOp: A13

TGI NO:	COMPONENT NAME:	TYPE:	PHASE:	REPEAT:	CHG/VER:
	1B GIS SAFE V OP	**AY**	**A**	**0**	**0/0**

SHIP/HULL NO:	SHIP/HULL NAME:	PROJECT:	SYSTEM:	PLANT ID:	CASREP CAT:
LCC-19	**USS BLUE RIDGE**	19P			

CU PHASE TITLE: (K22-01) F/O – CLEAN, INSP, AND LUBE 1B BOILER GIS SAFETY VALVE OP SYSTEM

PREPARING ACTIVITY:	STATUS: APP	WORKING STATUS:

PREPARED BY: IKEDA, KOUTARO	CODE: 232	PHONE: 3152430958	DATE: 24-FEB-2025
APPROVED BY: MOMOSE, HARUHISA	CODE: 232	PHONE: 3152434533	DATE: 25-FEB-2025
CONCURRED BY:	CODE:	PHONE:	DATE:

REASON FOR WORK/NEED FOR CHANGE:
EM02L192

JCN:
EM02-L192

SPECIAL REQUIREMENTS:
TGI Short Form

CU PHASE DESCRIPTION:

1. SCOPE/PURPOSE:

1.1 Title: 1B Boiler Low and High Drum Safety Valve Hand Easing Gear Box, Superheater Actuator, and Cables; clean, inspect, and lubricate

1.2 Location of Work:

1.2.1 Fire Room (8-76-0-E)

1.3 Identification:

1.3.1 Quantity (One EA), Low and High Drum Safety Valves Hand Easing Gear Box
Mfr: KUT-ROL
Mfr Dwg: 651201
Model No: KR610-3
Type: Cam Action, Speed Reducer

ZONE MANAGER:	ZONE:	COMPARTMENT:	LEVEL:	FRAME:	SIDE:
YAGINUMA, TAKEHIDE					

JOB SUMMARY ID:	TOT MAN HR.:	TOT DUR:	TOT JML COST:	PLANNING ACCEPTANCE:
221A1115				

WORK CERTIFICATION SIGNATURES:	DLs													

COMPLETION OF WORK REVIEW:	BADGE NO:	SHOP/CODE:	PHONE:	DATE:
RECORDS REVIEW:	BADGE NO:	SHOP/CODE:	PHONE:	DATE:

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CU PHASE DESCRIPTION (Cont.)

1.3.1.1 Quantity (2 EA), Cable for Hand Easing Gear Box

1.3.2 Quantity (One EA), Superheater Safety Valve Actuator
Type: Lever Operated
Lever Material: Steel, MIL-S-22698
Remarks: MOD PLAN and ELEVATION 87-A on sheet 11 of Ref. No. 5 for detail

1.3.2.1 Quantity (One EA), Cable for Actuator Handle

1.4 Security Classification: None.

1.5 Initial Condition: None.

1.6 Contractor work start date: 7/21/2026

1.7 Contractor work completion date: 11/21/2027

2. PROCEDURE:

2.1 Clean and lubricate each hand easing gear box listed in 1.3.1, each superheater actuator listed in 1.3.2, and each cable listed in 1.3.1.1 and 1.3.2.1, using Ref. No. 3 through Ref. No. 5, and Preliminary “g” through “m”, and “r” of Ref. No. 6 for guidance.

2.1.1 Remove existing and install each new lubricating oil for hand easing gear box cable end rod, conforming to 2190 TEP.

2.1.2 Remove existing and install each new grease for zerk fittings and cam roller of each hand easing gear box, conforming to DOD-G-24508.

2.2 Accomplish a mechanical functional inspection of each hand easing gear box listed in 1.3.1 and each superheater actuator listed in 1.3.2 with each cable listed in 1.3.1.1 and 1.3.2.1, using Ref. No. 4 through Ref. No. 6 for guidance.

2.2.1 Verify each hand easing gear box listed in 1.3.1 and each cable listed in 1.3.1.1 for ease of operation and alignment. Allowable binding: None.

2.2.2 Verify each superheater actuator listed in 1.3.2 and each cable listed in 1.3.2.1 by manually pulling and releasing for ease of operation and alignment. Allowable binding: None.

2.3 Notes:

2.3.1 Planner: Code 232 K. Ikeda, 243-0958

2.3.2 Zone Manager (ZM): Code 333 T. Yaginuma, 080-5419-0598

2.3.3 This TGI is response to Boiler Inspection and Repair Management Information System (BIRMIS) for 1B Boiler report dated 17 OCT 2024, Line Item K22-01.

2.3.4 Removal and installation of GIS safety valve and pilot panel has been accomplished by KTR TGI No. 3819P22115-A12, Line Item K2-01.

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CU PHASE DESCRIPTION (Cont.)

2.3.5 Each cable listed in 1.3.1.1 and 1.3.1.2 has been disconnected from each control panel for low and high drum and superheater safety relief valve during accomplishment of mechanical functional inspection.

2.3.6 JCN EM02-L192 is related to this TGI.

2.4 Government Furnished Material (GFM): None.

2.5 SRF-JRMC will provide following service work: (TGI No. 3819P22115-S13)

2.5.1 [C740] Crane and crane rigging service.

2.5.2 [X99E] Utility service, electrical.

2.5.3 [X99M] Utility service, including low pressure air supply, water supply, and steam supply.

2.5.4 [C106.1] Safety inspection for SRF-JRMC employees.

2.5.5 [C106.2] Gas free inspection for SRF-JRMC employees.

2.5.6 [C133] QA inspection for (G) Symbol(s).

Ref. No.	Document/Drawing Number	DOCUMENT/DRAWING TITLE	REV	CHG NO.	CPY REQ	PARAGRAPH	SECT	PG	CHPT

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Ref. No.	Document/Drawing Number	DOCUMENT/DRAWING TITLE	REV	CHG NO.	CPY REQ	PARAGRAPH	SECT	PG	CHPT
1	NSI FY-25	NAVSEA Standard Items	-	ORG	N				
2	LI FY-25	Local Standard Items	-	ORG	N				
3	DWG 651201	KUT-ROL MODEL KR610-3 EASING GEAR OPERATOR ASSEMBLY	D		Y			ALL	
4	DWG 200-8337505	BOILER/ATM ESCAPE SYSTEM EASING GEAR GIS HIGH DRUM SAFETY VALVE	-		Y			ALL	
5	DWG 200-6577980	S/A 1371 LCC-19 SUPHTR/LOW DRUM SAFE V REPL AND ASSOC PP INSTL	B		Y			ALL	
6	MRC 64 Y62U N	Cam Action Safety Valve Hand Easing Gear.	-		Y			ALL	

TASK NAME / TASK DESCRIPTION	SHOP/ TSD	TS	SF WC	CREW #	MHRS	RWRK
2.1 OMCH: HRs, RGRS: HRs	22/KE	PC				N
2.2 OMCH: HRs	22/KE	PC				N
Outside Machinist Work CFM for fasteners, connection equipment, and misc.	22/MQ	CS				N
Process Funding Document.	10/CT	OM				N

MATERIAL REFERENCES

REF NO.	DOCUMENT/DRAWING NUMBER	DOCUMENT/DRAWING TITLE	REV

ICN: 3819P22115	KEY OP: A13

MATERIAL LIST

ITEM NO.	PC NO.	REF NO.	M / C	DESCRIPTION	STOCK NUMBER	GENERIC MATL TYPE	LVL	QA	HAZ MAT	DOC NO.	QTY REQD/ UNIT	QTY USED/ UNIT