WebAIM Short Form TASK GROUP INSTRUCTION

06-MAR-2025 0953

20.14.15.2.9020 (September 2024) ICN: 3819P22115 KeyOp: A11

TGI NO:	COMPONENT NAME:	TYPE:	PHASE:	REPEAT:	CHG/VER:
	1B BOILER PERISCOPE	**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: *(K51-01) F/O – ACCOMPLISH CLN, INSP AND ALIGN OF 1B BOILER SMOKE INDICATOR

PREPARING ACTIVITY:	STATUS: APP	WORKING STATUS:	
PREPARED BY: TSUNOI, TAKUMA	CODE: 234	PHONE: 7077872058	DATE: 21-FEB-2025
APPROVED BY: HARADA, HIDEO	CODE: 234	PHONE: 3152435176	DATE: 22-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: Cleaning, Inspection and Alignment of 1B Boiler Smoke Indicator (Periscope); accomplish

1.2 Location of Work:

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

1.3 Identification:

1.3.1 Quantity (One EA), Smoke Indicator (Periscope), 1B Boiler
Mfr: Robert H. Wager Company INC.
Mfr: ID: 734
Material of Piping: Aluminum Alloy (5086)
FSCM: 79128
APL: 382030009

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 (One EA), Lamp Unit
Mfr: Robert H. Wager Company INC.
Mfr: ID: 105A
FSCM: 79128
APL: 382030009

1.3.1.2 Quantity (2 EA), Damper Unit
Mfr: Robert H. Wager Company INC.
Mfr: ID: 110A
FSCM: 79128
APL: 382030022

1.3.1.3 Quantity (One EA), Reflector Unit
Mfr: Robert H. Wager Company INC.
Mfr: ID: 95B
FSCM: 79128
APL: 382030009

1.3.1.4 Quantity (One EA), Extension Vision Unit
Mfr: Robert H. Wager Company INC.
Mfr: ID: 100A
FSCM: 79128
APL: 382030021

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 Accomplish mechanical cleaning of the smoke indicator listed in 1.3.1, using Ref. No. 3, Ref. No. 4 and Paragraph 221-3.5 of Ref. No. 5 for guidance.

2.1.1 Matchmark and Disconnect each part of the smoke indicator for cleaning and inspection.

2.1.2 Clean each scavenging air ports, piping, lamp unit listed in 1.3.1.1, damper unit listed in 1.3.1.2, mirror of the reflector unit listed in 1.3.1.3 and extension vision unit listed in 1.3.1.4, using a non-inflammable glass cleaner, soft, clean, lint-free cloth to apply the cleaner and to buff surface.

2.1.3 Accomplish a visual inspection of smoke indicator for deterioration, pitting, each crack, and area of damage or distortion.

2.1.3.1 Submit one legible copy, in hard copy, or approved transferrable media, of a report listing results of the requirements of 2.1.3 to the SUPERVISOR.

2.1.4 Connect each part of the smoke indicator.

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CU PHASE TITLE: *(K51-01) F/O – ACCOMPLISH CLN, INSP AND ALIGN OF 1B BOILER SMOKE INDICATOR

CU PHASE DESCRIPTION (Cont.)

2.1.4.1 Adjust each mirror and housing of the reflector unit listed in 1.3.1.3 and extension vision unit listed in 1.3.1.4 of the smoke indicator.

2.1.4.2 Accomplish an alignment check of the smoke indicator.

2.2 Accomplish the requirements of 009-32 of Ref. No. One for each new and disturbed surface.

2.3 Notes:

2.3.1 Planner: Code 234 T. Tsunoi, 070-7787-2058
Planner: Code 233 M. Takemura, 080-9350-1458

2.3.2 Work Integration Manager (WIM): Code 333 T. Yaginuma, 080-5419-0598

2.3.3 Ship's Force will conduct alignment check of the smoke indicator.

2.3.4 This TGI is response to Boiler Inspection and Repair Management Information System (BIRMIS) for 1B Boiler report dated 17 OCT 2024, Line item "K51-01".

2.3.5 JCN EM02-L192 is related to this TGI.

2.4 Government Furnished Material (GFM):

2.4.1 SRF-JRMC will provide GFM listed in the Material List.

2.5 SRF-JRMC will provide the following service work: (TGI No: 3819P22115S12)

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).

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OTHER SPECIAL REQUIREMENTS:
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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 FY25	Local Standard Items	-	ORG	N				
3	DWG 200-2492016	Smoke Indicators - ARRGT & DETS	A		Y			ALL	
4	DWG 731-A	GENERAL ARRANGEMENT OF 3 UNIT TYPE SMOKE INDICATOR	A		Y			ALL	
5	TM S9086-GY-STM-010/CH-221	Boilers	8		Y			181 , 182	

TASK NAME / TASK DESCRIPTION	SHOP/ TSD	TS	SF WC	CREW #	MHRS	RWRK
2.1 BLRM HRs, ELEC HRs, RGRS HRs	22/KE	PC				N
2.2 PNTR HRs, QA HRs, RGRS HRs	22/KE	PC				N
CFM for covering material, insulation tape, plastic bags, rope, tyvek suit, fasteners, painting material and other consumable material (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: A11

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
001			M	DAMPER UNIT, C234 T. TSUNOI 070-7787-2058 ORDER FOR KTR DAMPER UNIT, SMOKE INDICATOR PART#110A	9B 4410 010187093		NA	4	N	50525094	2/EA	
002			M	REFLECTING UNIT ASS, C234 T. TSUNOI 070-7787-2058 ORDER FOR KTR REFLECTING UNIT, SMOKE INDICATOR PART#95A	9B 4410 003780112		NA	4	N	50525099	1/AY	

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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
003			M	VISION UNIT, C234 T. TSUNOI 070-7787-2058 ORDER FOR KTR VISION UNIT, SMOKE INDICATOR PART#100A	9B 4410 003780111		NA	4	N	50525100	1/AY	
004			M	FELT SHEET, C234 T. TSUNOI 070-7787-2058 ORDER FOR KTR FELT SHEET, VISION UNIT & REFLECTING UNIT SMOKE INDICATOR	9B 8305 002618493		NA	4	N	50525101	1/YD	
005			M	MIRROR,GLASS, C234 T. TSUNOI 070-7787-2058 ORDER FOR KTR WATERPROOF MIRROR, VISION UNIT & REFLECTING UNIT SMOKE INDICATOR	9B 9340 006417089		NA	4	N	50525102	2/EA	
006			M	ADAPTER,LAMP, C234 T. TSUNOI 070-7787-2058 ORDER FOR KTR ADAPTER, LAMP, LAMP UNIT SMOKE INDICATOR PART#105A	9B 4410 002186244		NA	4	N	50525085	1/AY	
007			M	NUT,GLAND, C234 T. TSUNOI 070-7787-2058 ORDER FOR KTR GLAND NUT, LAMP UNIT & DAMPER UNIT, SMOKE INDICATOR	9B 5310 010877980		NA	4	N	50525089	2/EA	
008			M	LAMP,INCANDESCENT, C234 T. TSUNOI 070-7787-2058 ORDER FOR KTR LAMP BULB, LAMP UNIT, SMOKE INDICATOR	9B 6240 009273180		NA	4	N	50525086	1/EA	
009			M	LAMPHOLDER, C234 T. TSUNOI 070-7787-2058 ORDER FOR KTR LAMP SOCKET, LAMP UNIT, SMOKE INDICATOR PART# 7N	9B 6250 011959128		NA	4	N	50525087	1/EA	
010			M	GASKET, C234 T. TSUNOI 070-7787-2058 ORDER FOR KTR GASKET SHEET, 50" X 50" X 1/16" THK	9B 5330 013922760		NA	4	N	50525090	1/SH	