

WebAIM Short Form TASK GROUP INSTRUCTION

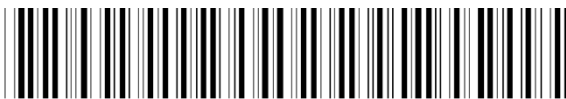
05-MAR-2025 1008

20.14.15.2.9020 (September 2024)

ICN: 3819P22114 KeyOp: A09

TGI NO:	COMPONENT NAME: 1A BLR BCMS	TYPE: AY	PHASE: A	REPEAT: 0	CHG/VER: 1/1
SHIP/HULL NO: LCC-19	SHIP/HULL NAME: USS BLUE RIDGE	PROJECT: 19P	SYSTEM:	PLANT ID:	CASREP CAT:
CU PHASE TITLE: (BIRMIS) F/O – REPLACE FURNACE LIGHT AND CAMERA WALL BOX ASSY OF 1A BOILER BCMS					
PREPARING ACTIVITY:		STATUS: APP		WORKING STATUS:	
PREPARED BY: SOEJIMA, DAISUKE		CODE: 234	PHONE: 3152434480	DATE: 27-FEB-2025	
APPROVED BY: IZUMI, NORIAKI		CODE: 234	PHONE: 3152432243	DATE: 05-MAR-2025	
CONCURRED BY:		CODE:	PHONE:	DATE:	
REASON FOR WORK/NEED FOR CHANGE: EM02L194					
JCN: EM02-L194					
SPECIAL REQUIREMENTS: TGI Short Form					
CU PHASE DESCRIPTION: 1. SCOPE/PURPOSE: 1.1 Title: Furnace Light and Furnace Camera Wall Box Assembly of 1A Boiler Boiler Combustion Monitoring System (BCMS); replace 1.2 Location of Work: 1.2.1 Fire Room (8-76-0-E) 1.3 Identification: 1.3.1 Quantity (One EA), Boiler, Main Propulsion, 1A Mfr: Foster Wheeler Corp Mfr ID: N/A Design Pressure: 705 PSIG Max Operating Pressure: 655 PSIG APL: 021550096					
ZONE MANAGER: TAKAHASHI, YASUHIKO		ZONE:	COMPARTMENT:	LEVEL:	FRAME: SIDE:
JOB SUMMARY ID: 221A1114	TOT MAN HR.:	TOT DUR:	TOT JML COST:	PLANNING ACCEPTANCE:	

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), Wall Box Assembly, Furnace Light, BCMS, 1A Boiler
 Casing Material: Carbon Steel, ASTM A-36, 0.1875 Inch Thickness
 Wall Box Mounting Plate Material: Carbon Steel, ASTM A-36, 0.1875 Inch Thickness
 Remarks: See Ref. No. 3 for details

1.3.1.2 Quantity (One EA), Wall Box Assembly, Furnace Camera, BCMS, 1A Boiler
 Casing Material: Carbon Steel, ASTM A-36, 0.1875 Inch Thickness
 Wall Box Mounting Plate Material: Carbon Steel, ASTM A-36, 0.1875 Inch Thickness
 Remarks: See Ref. No. 3 for details

1.3.2 Quantity (10 SF), Castable Refractory, Wall Box Tube, 1A Boiler
 Material: Castable Refractory, Fireclay
 Specification: MIL-C-717
 See Item No. F-7 of Ref. No. 3

1.4 Security Classification: None.

1.5 Initial Condition:

1.5.1 Potential Asbestos Hazard

1.5.2 Potential Lead Hazard

1.6 Contractor work start date: 7/21/2026

1.7 Contractor work completion date: 11/21/2027

2 PROCEDURE:

2.1 Remove existing castable refractory listed in 1.3.2, using Ref. No. 3 for guidance.

2.1.1 Contact C106R for disposal of known/suspected radiation substance waste.

2.1.1.1 Ensure radiation substance waste is not mixed with other hazardous/industrial waste.

2.1.1.2 Properly segregate, package, and label all known/suspected radiation substance waste.

2.1.1.3 Accumulate radiation substance waste in compatible 55 gallon drums. 55 gallon drums must be prepared by the contractor and the government must not return the drums after disposal.

2.1.1.4 Contact C106R to request coordination of disposal of accumulated radiation substance waste.

2.2 Remove each existing and install new wall box assembly listed in 1.3.1.1 and 1.3.1.2 with baffle tile to prevent damage in accordance with Ref. No. 3 and Ref. No. 4, using Ref. No. 5 for guidance.

2.2.1 Fabricate and install new gasket conforming to GRAPH-LOCK 3125SS, MIL-DTL-24696.

2.2.2 Accomplish the requirements of 009-12 of Ref. No. One, including Table 2, Column A, Lines One through 7.

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CU PHASE DESCRIPTION (Cont.)

2.3 Install each new castable refractory listed in 1.3.2, using Ref. No. 3 for guidance

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

2.5 Notes:

2.5.1 Planner: Code 234 D.SOEJIMA, 243-2242

Planner: Code 234 M.HOSODA, 243-4572

Planner: Code 233 K.UCHIMURA, 080-9350-1432

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

2.5.3 This TGI is response to Boiler Inspection and Repair Management Information System (BIRMIS) for 1A Boiler report dated 17 OCT 2024, Line items "C-09 and D64I-01".

2.5.4 Removal and installation boiler outer casing exterior insulation and lagging will be covered by TGI No. 3819P22101A01. (KTR TGI)

2.5.5 Asbestos abatement work of outer casing will be covered by TGI No. 3819P22103A01. (KTR TGI)

2.5.6 JCN EM02-L194 is related to this TGI.

2.6 Government Furnished Material (GFM):

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

2.7 SRF-JRMC will provide the following service work: (TGI No. 3819P22114S10)

2.7.1 [C740] Crane and crane rigging service.

2.7.2 [X99E] Utility service, electrical.

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

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

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

2.7.6 [C281] Provide on-sight support for 1A boiler repair work.

2.7.7 [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	LI FY-25	Local Standard Items	-	ORG	N				
2	NSI FY-25	NAVSEA Standard Items	-	ORG	N				
3	DWG 200-8468764	BOILER COMBUSTION MONITORING SYSTEM (BCMS) BOILER MODIFICATIONS	-		Y			ALL	
4	TM S9221-DT-MMO-010	BOILER COMBUSTION MONITORING SYSTEM, BCMS	2		N				
5	TM S9086-GY-STM-010/CH-221	Boilers	8		N				

TASK NAME / TASK DESCRIPTION	SHOP/ TSD	TS	SF WC	CREW #	MHRS	RWRK
2.1 INSL HRs	22/KE	PC				N
2.2 BLRM HRs, WELD HRs, INSL HRs, ELEC HRs, RGRS HRs, PNTR HRs, QA HRs	22/KE	PC				N
2.3 INSL HRs	22/KE	PC				N
2.4 PNTR HRs, QA HRs	22/KE	PC				N
Boiler Work CFM for marine chemist cost, fire watch cost, lead sampling/analysis cost, and misc such as electrode, saw blades, wheel, gases, fastener, painting material, plastic bag/sheet and other consumable.	22/MQ	CS				N
Lagging Work CFM for asbestos sampler and analysis cost, paint, tyvek suit, gallon drum, enclosing/covering materials and other consumable.	22/MQ	CS				N
Electrical Work CFM for fasteners, insulation tape, plastic bags, and other consumable.	22/MQ	CS				N
Process Funding Document	10/CT	OM				N
Version-1: Change to correct revision of Ref. No. 3 [C234 N.Izumi, 03/05/2025] -/-N.	/		V-01			N

MATERIAL REFERENCES			
REF NO.	DOCUMENT/DRAWING NUMBER	DOCUMENT/DRAWING TITLE	REV
1	8468764		

ICN: 3819P22114	KEY OP: A09
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MATERIAL LIST

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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
001	F-9	1	M	WALL BOX ASSEMBLY, WALL BOX ASSEMBLY MOUNTINGS FURNACE LENS LENGTH: 914MM/36 INCHES VIEWING DIRECTION: DIRECT MATERIAL: CARBON STEEL DWG: 200-8468764 REV"-." ITEM NO. F-9 AND F-10 MFR P/N: 6515A36-900 C-234, D.SOEJIMA 243-4480 ORDERED FOR KTR	9B		NA	4	N		2/EA	
002			M	PLATE,METAL, C234 D.SOEJIMA 243-4480 ORDER FOR KTR PLATE METAL, ASTM-A36 6' X 10' X 3/16"	9B 9515 002671176		NA	4	N	50525046	1/PM	
003			M	PLATE,METAL, C234 D.SOEJIMA 243-4480 ORDER FOR KTR PLATE,METAL, 7FTX10FT X 1/4 THK	9B 9515 009526280		NA	4	N	50525064	1/PM	
004			M	GASKET MATERIAL,SHE, ORIG: C234 D.SOEJIMA, 243-4480 ORDERED FOR KTR	9B 5330 015287656		NA	4	N	50525115	1/SH	
100			M	CASTABLE MIX,REFRAC, CASTABLE REFRACTORY, DENSE HIGH ALUMINAM MATERIAL, (60% AL2O3), CONVENTIONAL, 3000 DEGREE F, BRAND NAME: MIZZOU CASTABLE, SPEC: MIL-C-717, CASTABLE SHALL BE PACKED IN SEALED PLASTIC CONTAINER(55LB), CASTABLE PACKED IN PAPER BAG IS NOT ACCEPTABLE, ORIG: C234 M. HOSODA, 243-4572 ORDERED FOR KTR	9B TAHO 001536816		NA	4	Y	50435161	4/DR	
101			M	CEMENT,INSULATION,H, HIGH TEMP CEMENT ORIG: C234 M. HOSODA, 243-4572 ORDERED FOR KTR	9B 5640 002722995		NA	4	Y	50435168	2/BG	
103			M	CASTABLE MIX,REFRAC, FC-25 ORIG: C234 M. HOSODA, 243-4572 ORDERED FOR KTR	9B HOLD 007891749		NA	4	Y	50435157	1/DR	
104			M	MORTAR,REFRACTORY, MORTAR, DRY, MIL-M-15842 CLASS-1, 55LB/BG, ORIT: C234 M. HOSODA, 243-4572 ORDERED FOR KTR	9B HOLD 001536811		NA	4	Y	50455570	2/BG	