WebAIM Short Form TASK GROUP INSTRUCTION

03-MAR-2025 1407

20.14.15.2.9020 (September 2024) ICN: 3819P22114 KeyOp: A03

TGI NO:	COMPONENT NAME:	TYPE:	PHASE:	REPEAT:	CHG/VER:
	1A BOILER	**BO**	**A**	**6**	**2/2**

SHIP/HULL NO:	SHIP/HULL NAME:	PROJECT:	SYSTEM:	PLANT ID:	CASREP CAT:
LCC-19	**USS BLUE RIDGE**	19P	**22111**		

CU PHASE TITLE: *(D11-1) F/O - REPAIR CRACK ON 1A BOILER CASING

PREPARING ACTIVITY:	STATUS: APP	WORKING STATUS:	
PREPARED BY: TAKEMOTO, HIROTAKA	CODE: 234	PHONE: 3152434479	DATE: 07-FEB-2025
APPROVED BY: HARADA, HIDEO	CODE: 234	PHONE: 3152435176	DATE: 28-FEB-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: Crack of Inner Casing of 1A Boiler; repair

1.2 Location of Work:

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

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

1.3.1.1 Quantity (One AY), Front Inner Casing, 1A Boiler
Casing Material: Carbon Steel, ASTM A-36, 0.1875 Inch THK

ZONE MANAGER:	ZONE:	COMPARTMENT:	LEVEL:	FRAME:	SIDE:
TAKAHASHI, YASUHIKO		8-76-0-E			U

JOB SUMMARY ID:	TOT MAN HR.:	TOT DUR:	TOT JML COST:	PLANNING ACCEPTANCE:
221A1114				

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.)

Remarks: See Sketch Encosure-01 for details.

1.4 Security Classification: None.

1.5 Initial Condition:

1.5.1 Potential Asbestos Hazard

1.5.2 Potential Lead Hazard

1.6 Contractor Start Date: 7/21/2026

1.7 Contractor Work Completion Date: 11/21/2027

2. PROCEDURE:

2.1 Repair each crack on the casing listed in 1.3.1.1, using Ref. No. 3 and Enclosure-01 for guidance.

2.1.1 Accomplish visual inspection and liquid penetrant inspection (PT) to identify each crack end.

2.1.2 Drill 1/8 inch diameter stop hole(s) on end of crack and weld repair.

2.1.3 Grind out each crack prior to weld repair.

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

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 H.Takemoto, 243-4479

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

2.3.3 JCN EM02-L194 is related to this TGI.

2.3.4 This TGI is response to Boiler Inspection and Repair Management Information System (BIRMIS) for 1A Boiler report dated 17 OCT 2024, Line item “D11-1”.

2.3.5 Removal and installation each boiler outer casing and interior lagging for Asbestos Contain Material have been covered by TGI No. 3819P22103A01.

2.3.6 Removal and installation each boiler outer casing exterior lagging have been covered by TGI No. 3819P22101A01 and 3819P22102A01.

2.4 Government Furnished Material (GFM):

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

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CU PHASE DESCRIPTION (Cont.)

2.5 SRF-JRMC will provide the following service work: (TGI No: 3819P22114S04)

2.5.1 [C740] Crane and crane rigging service.

2.5.2 [X99E] Provide utility service, electrical.

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

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

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

2.5.6 [C133] Provide QA inspection for (G) symbols.

2.5.7 [C135] Provide NDT 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 FY-25	Local Standard Items	-	ORG	N				
3	TM S9086-GY-STM-010/CH-221	Boilers	8		N				

TASK NAME / TASK DESCRIPTION	SHOP/ TSD	TS	SF WC	CREW #	MHRS	RWRK
2.1 BLRM HRs, INSL HRs, WELD HRs, QA HRs, PNTR HRs	22/KE	PC				N
2.2 PNTR HRs , QA HRs	22/KE	PC				N
CFM for firewatch cost, welding rod, marine chemist cost, PT inspection cost, asbestos sampler and analysis cost, and MISC such as covering material, plastic bags, and etc.	22/MQ	CS				N
Process Funding Document	10/CT	OM				N
Version-1: Revise incorrect reference sequence C234 H.HARADA 2/14/2025 -/-/N	/		V-01			N
Version-2: Revise incorrect initial condition C234 H.HARADA 2/27/2025 -/-/N	/		V-02			N

MATERIAL REFERENCES

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

ICN: 3819P22114	KEY OP: A03

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	BOLT,MACHINE, ORDERED FOR KTR ORIG: C234 H.TAKEMOTO 243-4479	9B 5306 002083988		NA	4	N	50305189	400/EA	
002			M	NUT,PLAIN,HEXAGON, ORDERED FOR KTR C234 H.TAKEMOTO 243-4479	9B 5310 010825343		NA	4	N	50305191	400/EA	
003			M	WASHER,FLAT, ORDERED FOR KTR C234 H.TAKEMOTO 243-4479	9B 5310 008238803		NA	4	N	50305188	4/PG	

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MATERIAL LIST

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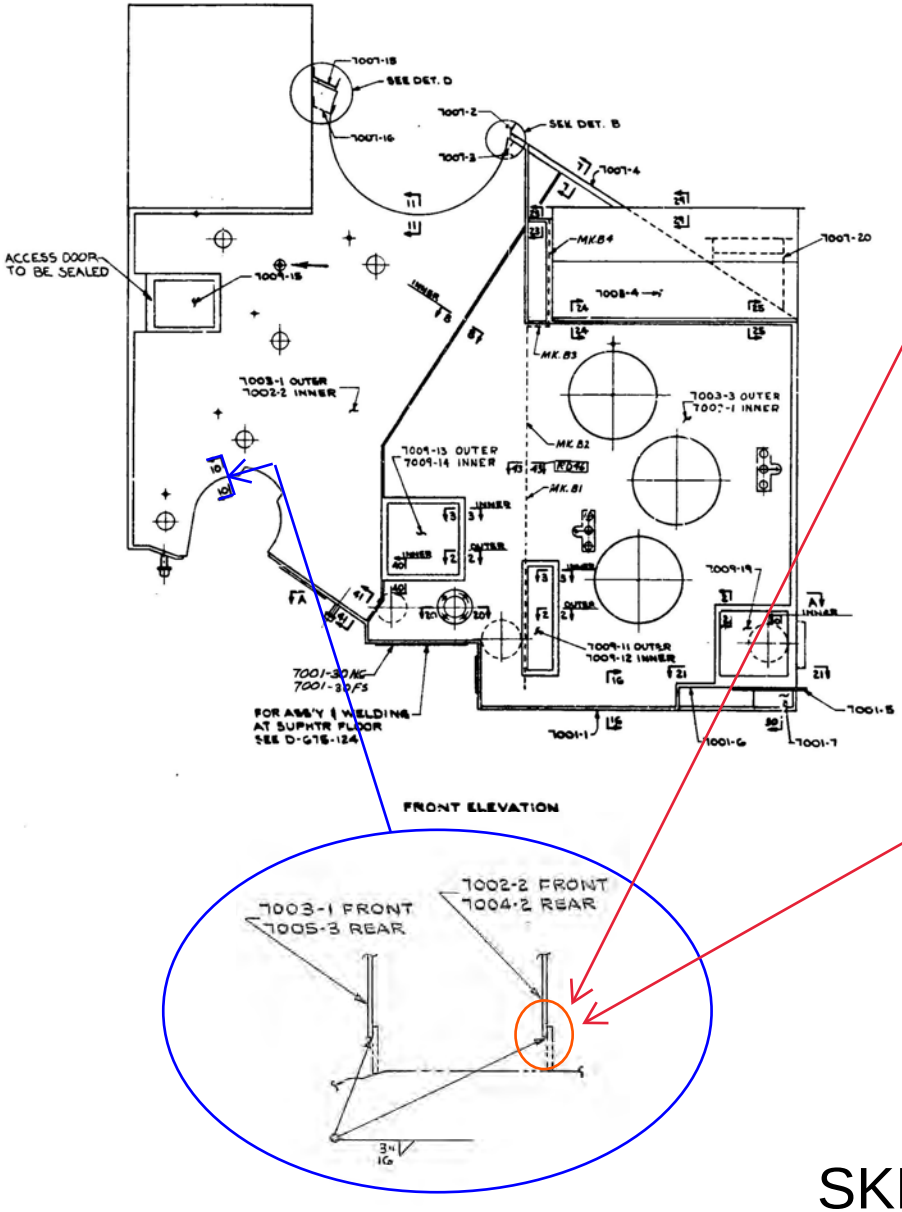
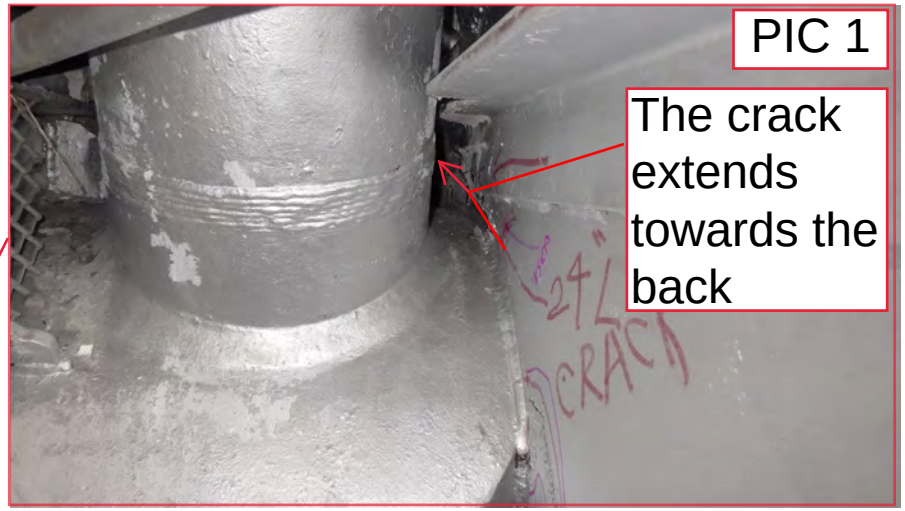
004			M	CLOTH,PLAIN WEAVE, H/W GLASS CLOTH, COLOR IS NATURAL C234 H.TAKEMOTO 243-4479 ORDERED FOR KTR	9B 8305 001487364		NA	4	N	50305190	1/RO	
005			M	INSULATI, INSULATION, FIBROUS GLASS, THERMAL, BLANKET WITHOUT BINDER, UNFACED, SIZE: 5FT W X 45FT L X 1"THK, MIL-DTL-32585, TYPE I, FORM 3, NSN: 5640-00-173-6591 (NSN MISTAKENLY INDICATES FACING D, BUT CORRECT ITEM IN THIS NSN IS UNFACED.) C234 H.TAKEMOTO 243-4479 ORDERED FOR KTR	9Q 5640 LL9607458		NA	4	N	50317418	1/RO	
006			M	HOOK & WASHER, P/N: LAGGING HOOK & WASHER STEEL LARGE SIZE, 500 EA PAIR PER PG THIS IS SPECIAL ORDER MAT'L FOR USING LAGGING PADS. C234 H.TAKEMOTO 243-4479 ORDERED FOR KTR	9B 5340 LL4661528		NA	4	N	50317801	3/PG	

ATTACHMENT LIST

TITLE	FILE NAME	SAVED DATE
ENCLOSURE-01	3819P22114A03-Sketch.pdf	30-JAN-2025 0000

1A BOILER CASING





SKETCH

3819P22114A03 ENCLOSURE-01 SHEET 1 of 1