WebAIM Short Form TASK GROUP INSTRUCTION

05-MAR-2025 1529

20.14.15.2.9020 (September 2024) ICN: 3819P22115 KeyOp: A03

TGI NO:	COMPONENT NAME:	TYPE:	PHASE:	REPEAT:	CHG/VER:
	1B BLR STM ATMG PP	**PP**	**A**	**1**	**0/0**

SHIP/HULL NO:	SHIP/HULL NAME:	PROJECT:	SYSTEM:	PLANT ID:	CASREP CAT:
LCC-19	**USS BLUE RIDGE**	19P	**53411**		

CU PHASE TITLE: *(K37A-4) F/O - REPLACE 1B BLR STEAM ATOMIZING CHECK VALVE WITH PP IN 8-76-0-E

PREPARING ACTIVITY:	STATUS: APP	WORKING STATUS:

	CODE:	PHONE:	DATE:
PREPARED BY: OGAWA, DAIKI	234	3152435968	22-FEB-2025
APPROVED BY: ITO, SHINICHI	234	3152434297	22-FEB-2025
CONCURRED BY:			

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 Steam Atomizing Check Valve with Piping; replace

1.2 Location of Work:

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

1.3 Identification:

1.3.1 Quantity (One AY), 1B Boiler Steam Atomizing Check Valve with Piping for No. One Burner
Remarks: See Sheet 2 (SECTION 16-D) of Ref. No. 3 and Ref. No. 4 for detail.

1.3.1.1 Quantity (2 EA), Check Valve
Size: 3/4 Inch IPS
Type: Lift Check Valve, Socket Welding
Material: Carbon Steel

ZONE MANAGER:	ZONE:	COMPARTMENT:	LEVEL:	FRAME:	SIDE:
YAGINUMA, TAKEHIDE		8-76-0-E	8		U

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

WORK CERTIFICATION SIGNATURES:	DLs													

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

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CU PHASE DESCRIPTION (Cont.)

Specification: 803-2177525
Pressure: 900 PSIG

1.3.1.2 Quantity (One Lot), Pipe
Size: 3/4 Inch IPS (1.050 Inch OD X 0.120 Inch WT)
Material: Carbon Steel
Specification: MIL-T-20157

1.4 Security Classification: None.

1.5 Initial Condition:

1.5.1 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, fabricate and install each new 1B boiler steam atomizing check valve with piping listed in 1.3.1, using Ref. No. 3 and Ref. No. 4 for guidance.

2.1.1 Accomplish the requirements of 009-12 of Ref. No. One, including Table One, Column(s) A, Lines One through 10.

2.1.1.1 Accomplish nondestructive testing in accordance with Line 13 for liquid penetrant testing accomplished to satisfy operational pressure test option.

2.1.2 Accomplish the requirements of 009-71 of Ref. No. One for hydrostatic test, using feed water at 237 PSIG, for each new and disturbed 1B boiler steam atomizing check valve with piping systems.

2.1.2.1 Document shop hydrostatic test results on QA Form 28, Enclosure-01-1.

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 D. Ogawa, 080-9345-4110

2.3.2 Work Integration Manager (WIM): 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(s) K37A-4.

2.3.4 Removal and installation of each insulation and lagging for 1B steam atomizing piping will be covered by TGI No. 3819P22102A01 (KTR TGI).

2.3.5 JCN EM02-L192 is related to this TGI.

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CU PHASE DESCRIPTION (Cont.)

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. 3819P22115S04).

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).

2.5.7 [C135] QA inspection for (G) symbol(s).

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OTHER SPECIAL REQUIREMENTS:
CLEANLINESS FOR PIPING SYSTEM/EQUIPMENT LEVEL II.
CLASS P-2 PIPING.

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 513-5341764	LP AIR SUPPLY TO STEAM ATOMIZERS INCIDENTAL TO NAV-JET BURNER INSTL	A		Y			2	
4	DWG 514-2492509	150 LB AUX Steam DIAG	D		Y			ALL	

TASK NAME / TASK DESCRIPTION	SHOP/ TSD	TS	SF WC	CREW #	MHRS	RWRK
2.1 PFTR HRs, WELD HRs, PNTR HRs, QA HRs	22/KE	PC				N
2.2 PNTR HRs, QA HRs	22/KE	PC				N
Piping Work CFM for welding rod, paint, NDT cost, firewatch and other consumable.	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: 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	VALVE, LIFT CHECK, VALVE, LIFT CHECK. SIZE: 3/4"IPS, SOCKET WELDING, MATERIAL: C-STEEL, 900PSI, DWG# 803-2177525 ORIGINATOR:C234 D, OGAWA 080-9345-4110 ORDERED FOR KTR	9B 4820 LL9303190		NA	4	N	50417471	2/EA	
002			M	TUBE,METALLIC, PIPE, 3/4" IPS, STEEL ORIGINATOR:C234 D, OGAWA 080-9345-4110 ORDERED FOR KTR	9B 4710 002777452		NA	4	N	50385079	10/FT	
003			M	COUPLING,PIPE, COUPLING, 3/4" IPS, STEEL ORIGINATOR:C234 D, OGAWA 080-9345-4110 ORDERED FOR KTR	9B 4730 010131542		NA	4	N	50385087	2/EA	

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004			M	GASKET,SPIRAL WOUND, SPIRAL WOUND GASKET ORIGINATOR:C234 D, OGAWA 080-9345-4110 ORDERED FOR KTR	9B 5330 013387824		NA	4	N	50385088	4/EA	
005			M	STUD,CONTINUOUS THR, CONTINUOUS THREAD STUD, 1/2"-13UNC X 2-1/2" ORIGINATOR:C234 D, OGAWA 080-9345-4110 ORDERED FOR KTR	9B 5307 006376465		NA	4	N	50385089	8/EA	
006			M	NUT,PLAIN,HEXAGON, NUT, 1/2"-13 UNC ORIGINATOR:C234 D, OGAWA 080-9345-4110 ORDERED FOR KTR	9B 5310 006373628		NA	4	N	50385200	16/EA	

ATTACHMENT LIST

TITLE	FILE NAME	SAVED DATE
ENCLOSURE-01	3819P22115A03-QA28.docx	22-FEB-2025 0000

SHOP TEST RECORD

QA FORM 28 Planning must fill in blocks identified by a ♦ prior to issuing

♦1. SHIP	HULL NO.	♦2. JCN	♦3. LWC/SHOP	♦4. CWP/REC SER NO.	5. SYSTEM/COMPONENT/ROTATABLE POOL SER NO.
USS BLUE RIDGE	LCC19	EM02-L192	KTR	N/A	STEAM ATOMIZING SYSTEM PIPING

	♦6. REFERENCES: TEST REF (E.G., MS, TECH MAN) & OTHER REFS (E.G., VLV DWG)	7. TEST GAGE RANGE /INSTRUMENT USED	SERIAL NO.	CAL DUE DATE	8. RELIEF VLV SET POINT
A.	S9086-RK-STM-010/CH-505 Rev. 6				
B.	DWG 514-2492509 Rev. D				
C.					
D.					

9. TEST REQUIREMENTS & RESULTS

TEST TYPE KEY	**H** = STRENGTH AND POROSITY/ELEVATED PRESSURE TEST	**J** = MECHANICAL JOINT TIGHTNESS	**ST** = SEAT TIGHTNESS	**OP** = OPERATIONAL	**O** = OTHER (SPECIFY): _____

♦ TEST TYPE (SEE KEY)	♦ PARAGRAPH DESCRIBING VALVE POSITION AND POINT OF ENTRY	♦ REF LTR	GAGE USED (LTR FROM BLK 7)	♦ REQUIRED MEDIUM	MEDIUM USED	♦ REQUIRED PRESSURE	ACTUAL PRESSURE	♦ MINIMUM DURATION	ACTUAL DURATION	♦ ALLOWED LEAKAGE	ACTUAL LEAKAGE	SAT/UNSAT	SIGNATURE, BADGE NO. & DATE
H	2.1.2	A,B		Feed Water		237 PSIG		30 minutes		None			

10. REMARKS. (CRAFTSMAN/QAI SUBMIT A DF TO RESOLVE UNSAT DATA)

11. QA INSPECTOR/SHOP SUPERVISOR SIGNATURE/BADGE NO. (RECORD REVIEWED FOR FINAL ACCEPTANCE)	DATE	12. QAS SIGNATURE/BADGE NO. (RECORD HAS BEEN REVIEWED FOR COMPLETENESS)	DATE