

File

CONTRACTOR'S SUBMITTAL TRANSMITTAL

LANTDIV NORFOLK 4-4355/3 (Rev. 11-80)

CONTRACT NO. C-7951

TRANSMITTAL NO 15

DATE 27 Nov. '85

FROM CONTRACTOR

Blizzard Construction Co., Inc.

TO

OICC

PROJECT TITLE AND LOCATION

Pest Control Facility
MCB
Camp Lejeune, NC

CONTRACTOR USE ONLY

*List only one specification division per form.

List only one of the following categories on each transmittal form, and indicate which is being submitted

Contractor Approved

OICC Approval

Deviation/Substitution For OICC Approval

REVIEWER USE ONLY

**ACTION CODES

- A-Approved
- D-Disapproved
- AN-Approved as noted
- RA-Receipt acknowledged.
- C-Comments
- R-Resubmit

ITEM NO.	PROJ. SPEC. SECT. & PARA. and/or PROJ. DWG. NO. *	ITEM IDENTIFICATION (Type, size, model no., Mfg. name, dwg. or brochure number)	NO. OF COPIES	ACTION CODES	REVIEWER'S INITIALS CODE AND DATE
1	15250	Insulation for water line	5		<i>[Signature]</i>

29 NOV 1985 13 27

CONTRACTOR'S COMMENTS

COPY OF TRANSMITTAL AND SUBMITTALS TO ROICC

CONTRACTOR REPRESENTATIVE (Signature)

[Signature: Corey Blizzard]

DATE RECEIVED BY REVIEWER

FROM (Reviewer)

TO

Submittals are returned with action indicated. Approval of an item does not include approval of any deviation from the contract requirements unless the contractor calls attention to and supports the deviation.

Submittals are forwarded to LANTDIV with A-E recommendations indicated in REVIEWER USE ONLY Section and in comments below on ONE COPY of the transmittal form.

REVIEWER'S COMMENTS

COPY TO: CONTRACTOR AND FIELD

DATE: 12-11-85

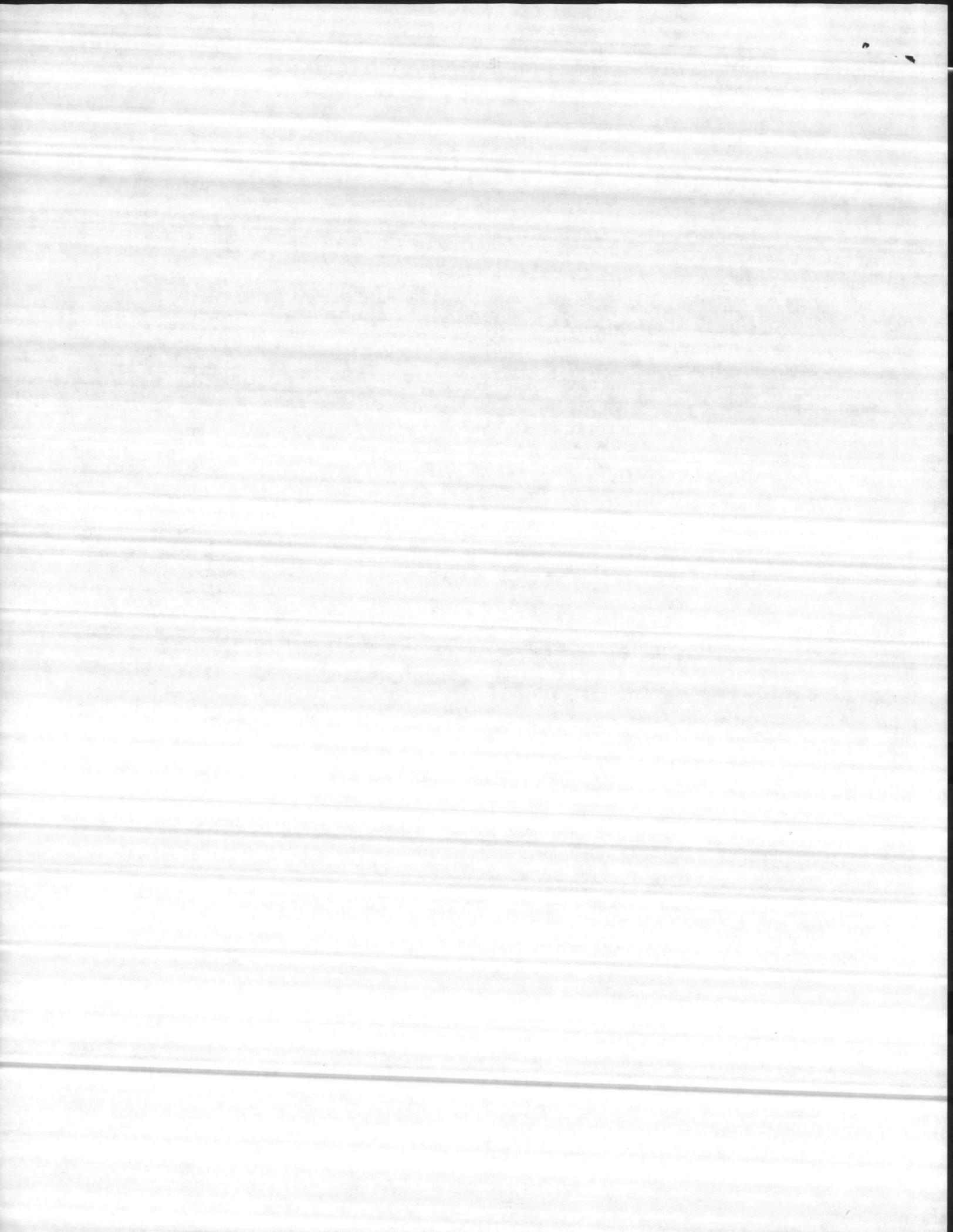
COPIES TO ROICC (2) LANTDIV (1) A-E (1)

DATE

10 Dec 85

SIGNATURE

[Signature: Ricky V. Richards]



**OICC-ROICC
 JACKSONVILLE, NORTH CAROLINA AREA
 MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA**

ROUTING SLIP
 MCBCL 11000/14 (REV. 04-85)

NO.	DATE
619	2 Dec 85 sel

FROM
Blizzard Construction Co., Inc.

CONTRACT
84-C-7951, Pest Control Facility

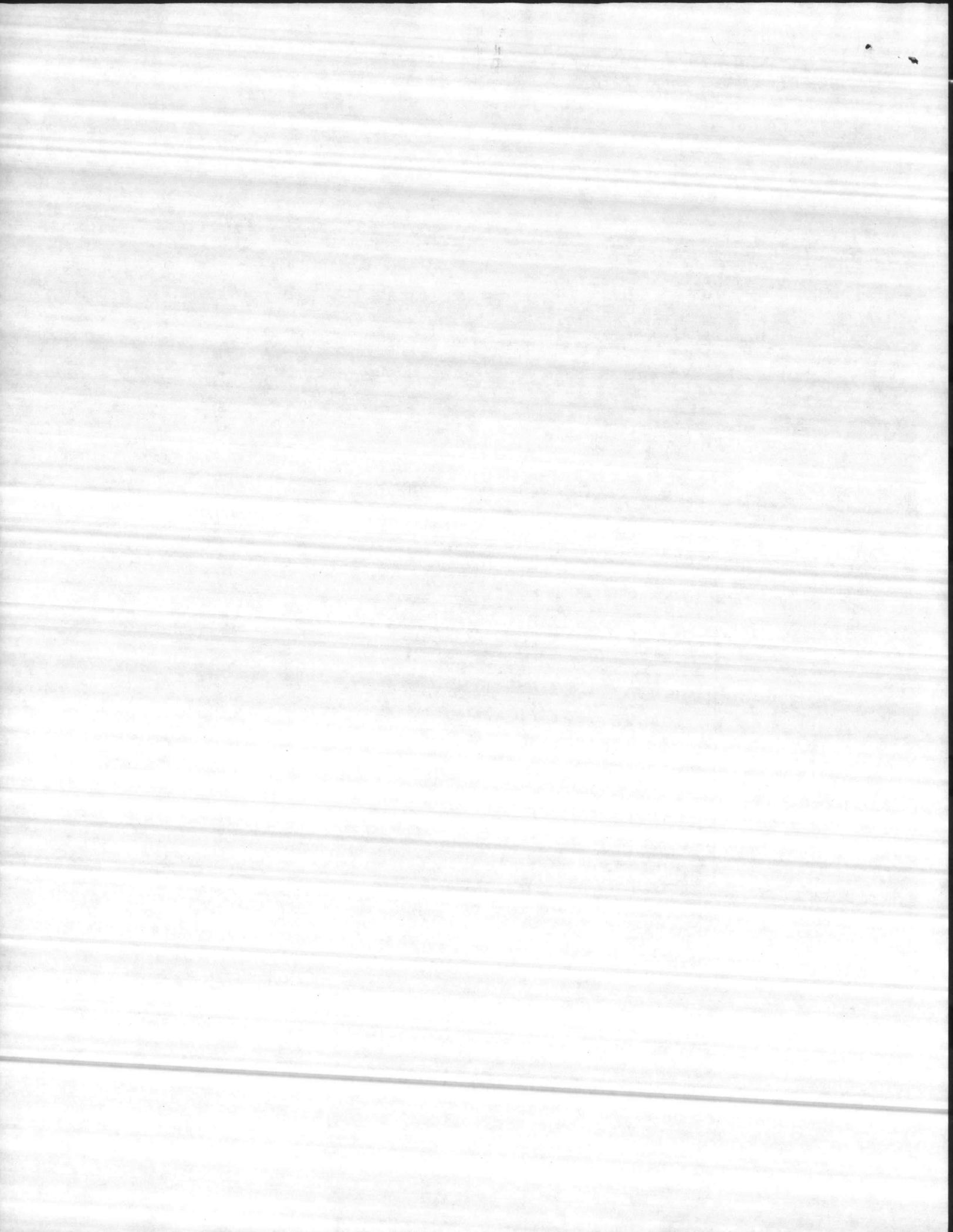
SUBJECT
Sub TL # 15, Insulation for water line

COMMENTS

1. H *PKR*
 2. Sandy

ROUTING	SEQUENCE	INITIAL	DATE	COMMENTS
JAX/10				
02	2/4			
04	3	M/K	12/8	
05				
05A				
05B				
Z				
Y				
X				
W				
V				
U				
T				
S				
R				
H	1	GIN	12-6	H ON LV.

Return Buck Tag to Contract Branch with correspondence unless otherwise indicated.



Typical Performance Characteristics†

INSULATION:

Temperature limitation:

Recommended for chilled or hot water piping—60F to +650F

Alkalinity: pH 9

JACKET:

Permeance

(ASTM E96, Proc. A):

.02 perm/in.

Puncture Resistance

(ASTM D781): 50 units

Composite Surface Burning Characteristics* (UL-listed):

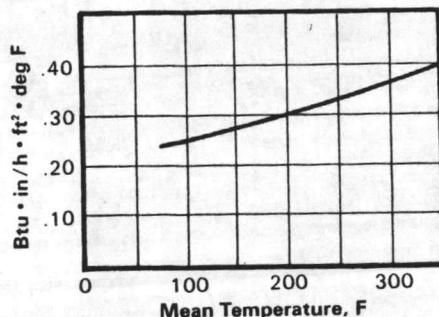
Flame Spread 25*

Smoke Developed 50

Maximum insulation surface temperature limit... 150F

Thermal Conductivity

(ASTM C335-69):



†All properties are subject to normal manufacturing tolerances.

*This is used solely to measure and describe the properties of the products in response to heat and flame under controlled laboratory conditions. This numerical flame spread rating is not intended to reflect hazards presented by this or any other material under actual fire conditions. Values are reported to the nearest five rating.

(equipment) (material) shown and marked in this submittal is that proposed to be incorporated into **Specification Compliance** C-7951 is in compliance with the Contract drawings and specifications, can be installed in the allocated spaces, and is submitted for Government approval." Date 11-27-05

Certified by BAB

Application Recommendations

This product complies with the property requirements of the following specifications:

HH-B-100B, Type I and II: Barrier Material, Vapor (for Pipe, Duct and Equipment, Thermal Insulation)—applies to ASJ/SSL and ASJ/SSL-II jacket only.

HH-I-558B (Amend. 3), Form D, Type III, Class 12: Insulation Blocks, Boards, Blankets, Felts, Sleeving (Pipe and Tube Covering) and Pipe Fitting Covering, Thermal (Mineral Fiber, Industrial Type).

MIL-I-22344B (Ships): Insulation, Pipe Covering, Thermal, Fibrous Glass (requires waiver on density and fiber diameter).

MIL-I-24244B (Ships): Insulation Materials, Thermal, with Special Corrosion and Chloride Requirements.

U.S. Coast Guard 164.009: * Noncombustible Materials for Merchant Vessels (no jacket: applies to insulation only).

Nuclear Regulatory Commission Guide 1.36: Non-Metallic Thermal Insulation for Austenitic Stainless Steel.

ASTM C547, Class 1 and 2: Standard Specification for Mineral Fiber Pre-Formed Pipe Insulation.

If lot testing is required to meet listed specifications, contact your local Owens-Corning Fiberglas representative for appropriate testing charges.

*Newark product only

The double-adhesive self-sealing lap feature of Fiberglas ASJ/SSL-II pipe insulation makes installation a simple and rapid procedure at any ambient temperature between 25F and 110F. The insulation is shipped with the jacket and longitudinal lap adhered with the two adhesives separated by a colored release strip. Short pieces of insulation for tees and fittings can thus be cut easily without the problem of having the jacket slip off the insulation.

The insulation is opened by pulling the longitudinal lap and colored release strip, away from the jacket. After the insulation is placed on the pipe, the release strip is pulled from the lap, the insulation carefully aligned, and the lap adhesive rubbed firmly against the strip of adhesive on the jacket to effect closure. No staples are required for tight, permanent vapor seal.

Circumferential self-sealing lap (SSL) butt strips are applied in the usual manner.

Outdoor applications must be protected from the weather. If painting is required, use only water base latex paint.

For complete installation instructions, please refer to Owens-Corning Publication 3-IN-10500.

Caution: It is possible that heat may be generated from the resinous binder of insulations if ignited by external sources such as welding slag, cutting torches, etc. Care should be taken to avoid direct contact with the insulation by fire or ignition sources.

