

J. A. JONES CONSTRUCTION COMPANY

CONSTRUCTION WORK PROCEDURE

FOR

HANDLING AND INSTALLATION  
OF WATERSTOPS

WATERFORD SES UNIT NO.3  
CONTRACT NO. W3-NY-4

REV.	DATE	ENGINEERING APPROVED BY	DATE	QUALITY ASSURANCE APPROVED BY	DATE	CONSTRUCTION APPROVED BY	DATE
0	10/10/75	al Price	10/14/75	Phillip L. Jachnick	10/14/75	HR Foster	10-15-75
1	10/27/75	al Price	10/27/75	H. L. Haulman	10/27/75	Les Ferry	10-27-75

REVIEWED

W/ COMMENTS

W/O COMMENTS

REJECTED

EEASCO QUALITY ASSURANCE

BY:

DATE:

11-3-75

FREEDOM OF INFORMATION  
ACT REQUEST

84-455

C/685

CONSTRUCTION WORK PROCEDURE	PROCEDURE NO. W-WP-8
TITLE: HANDLING AND INSTALLATION OF WATERSTOPS	REV. NO 1 & DATE: 10/27/75
PROJECT TITLE: WATERFORD SES UNIT NO. 3 CONTRACT NO. W3-NY-4	
 <u>1.0 PURPOSE</u>  To outline methods used by J. A. Jones and Subcontractors to handle, test and install waterstops.	
 <u>2.0 SCOPE</u>  This procedure includes the proper references to be used by J. A. Jones and Subcontractors to comply with specifications and drawings. The utilization of records necessary to provide traceability is also part of this procedure.	
 <u>3.0 REFERENCES</u>  3.1 Ebasco Specification No. LOU-1564.476, latest revision, "Waterstops". 3.2 Federal Test Method Standard No. 601, Method 4111. 3.3 J. A. Jones Site Inspection and Test Procedure No. W-SITP-8, "Waterstop Inspection".	
 <u>4.0 RESPONSIBILITIES</u>  4.1 Ebasco Services Incorporated is responsible for supplying waterstop material, certification and material testing and testing of all factory made splices in accordance with Reference 3.1. 4.2 J. A. Jones and Subcontractors are responsible for handling, splicer training, job made splice testing, splicing and installation of waterstop as required by Reference 3.1	
 <u>5.0 DEFINITIONS</u>  A "test unit" shall be defined as per Section 2 of Reference 3.2.	
 <u>6.0 SPLICES</u>  "T" splices shall be factory made and tested; other splices may be job made.	
 <u>7.0 PERSONNEL</u>  Each craftsman making splices shall be trained in the method of making splices. Three (3) "test unit" sample splices shall be made by the craftsman prior to making production splices. These three "test units" shall be turned over to the Engineer for testing as required by Reference 3.1. Additional "test unit" samples shall be made, for testing as required. A log of trained splicers shall be maintained, see Attachment 12.3.	

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#### 8.0 EQUIPMENT

Splicing heater tool, Vinylex No. WC-1, manufactured by Vinylex Corporation, Knoxville, Tennessee, and shall be thermostatically preset for 460°F and operate on 110V A.C.

#### 9.0 PROCEDURE

- 9.1 Connect splicing heater tool to 110 A.C. outlet approximately 10 to 15 minutes prior to use to allow heat-up time to reach 460°F.
- 9.2 Overlap the two pieces of waterstop material to be spliced and cut as required, to ensure matching edges.
- 9.3 Press the straight cut edges against the pre-heated splicer heated tool blade for approximately 10 to 20 seconds or until PVC melts.
- 9.4 Quickly remove the heater tool blade and press the melted edges together to form a neat splice joint.
- 9.5 Do not stretch or move the spliced section for 30 seconds. To cool the material quickly, water may be used.

#### 10.0 TEST UNITS

"Test units" shall be made to meet the following requirements:

- 10.1 Three (3) "test units" shall be made by each splicer craftsman for qualification. In addition, one (1) "test unit" shall be made when splicer craftsman is changed or as deemed necessary by the Engineer.
- 10.2 One (1) "test unit" shall be made for each ten (10) field splices.
- 10.3 "Test units" may be taken from splices made in waterstop in the structure or from "companion" waterstop placed alongside the actual waterstop to be used for the sole purpose of obtaining test samples.

#### 11.0 CONDITIONS

Job made "test units" shall be made under normal job working conditions.

#### 12.0 GENERAL

J. A. Jones shall correct deficiencies as directed by the Engineer.

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13.C ATTACHMENTS

- 13.1 Waterstop Splicer's Training Record
- 13.2 Splicer's Training Verification Card
- 13.3 Trained Splicers Log

J. A. JONES CONSTRUCTION COMPANY  
WATERFORD SES UNIT NO. 3  
CONTRACT NO. W3-NY-4

WATERSTOP SPlicer's TRAINING RECORD

Splicer's Name: \_\_\_\_\_ Badge No.: \_\_\_\_\_

Trained By: \_\_\_\_\_ Date: \_\_\_\_\_

Witnessed By  
J. A. Jones Q.C.: \_\_\_\_\_ Date: \_\_\_\_\_

Witnessed By  
Ebasco Q.C.: \_\_\_\_\_ Date: \_\_\_\_\_

Remarks: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Contractor's  
Representative: \_\_\_\_\_  
Date

SPLICER'S TRAINING VERIFICATION CARD

Front

**J. A. JONES CONSTRUCTION COMPANY**

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Name: \_\_\_\_\_

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Employee No.: \_\_\_\_\_ Stamp No.: \_\_\_\_\_

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We certify that the above named individual is qualified ~~to work~~ in accordance with the ~~Standard~~ Procedure(s) listed on the back of this card.

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Examiner: _____	Date: _____
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Form No. 1127-1, Oct. 75

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