



**CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.
4 IRVING PLACE
NEW YORK, NY 10003**

**DISTRIBUTION ENGINEERING
DISTRIBUTION EQUIPMENT**

**SPECIFICATION EO-100628
REVISION 6
OCTOBER 2007**

**EFFECTIVE DATE
OCTOBER 1, 2007**

**PURCHASE RECOMMENDATION FOR
FIBERGLASS REINFORCED EPOXY
CONDUITS AND FITTINGS**

FILE: PURCHASE AND TEST MANUAL NO. 6

TARGET AUDIENCE	PURCHASING DEPARTMENT
NESC REFERENCE	NONE

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1.0 **PURPOSE**

This purchase recommendation covers fiberglass reinforced epoxy (FRE) conduits and fittings for the housing of wire and cable.

2.0 **APPLICATION**

This purchase recommendation applies to all Con Edison districts, electrical substations, and generating stations.

3.0 **GENERAL**

FRE conduits are to be encased in concrete when used for underground subway. For a listing of performance requirements applicable to FRE conduits and fittings, see specification EO-5433.

4.0 **APPROVED MANUFACTURERS**

Products of the following manufacturers are approved for use on the electric distribution system:

Fiberglass Pipe and Conduit Company (FIPCO)

A.O. Smith-Inland Inc.

FRE Conduit Composites, Inc. (*)

Metra Conduit System, Inc.

Champion Fiberglass, Inc.

United Fiberglass of America, Inc.

(*) Approved only for Inside-plant installations.

5.0

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ALTERNATE PRODUCTS AND MANUFACTURERS

FRE conduits and fittings, other than listed, may be submitted to the Electrical Distribution Engineer for approval. Should such materials be found acceptable, they will be included in following revisions of this purchase recommendation.

Christopher G. Jones (Signature on File)
Christopher G. Jones
Section Manager
Distribution Equipment
Distribution Engineering

Jay Sun

<u>REVISION 6:</u> Revised the Format To be revised by 9/2012.	<u>FILE:</u> Purchase and Test, Manual No. 6, Sect. 8 - <u>Conduit, tubing and Accessories.</u>
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