



**CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.
31-01 20th Avenue
Astoria, NY 11105**

**ELECTRIC METER SHOP
DEPARTMENT**

**METER ENGINEERING SPECIFICATION MES-760
REVISION 2**

**PROCESS FOR ACCEPTANCE OF METERING
EQUIPMENT IN THE CONSOLIDATED EDISON
APPROVED ELECTRICAL EQUIPMENT BLUE BOOK
(EBB)**

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TARGET AUDIENCE	ENERGY SERVICES ELECTRIC METER SHOP
REVIEWED BY:	METER ENGINEERING
NESC REFERENCE	NONE
FILING:	
APPROVER:	Charles Feldman SIGNATURE/DATE
EFFECTIVE DATE:	July 2024

TABLE OF CONTENTS

1. PURPOSE	3
2. APPLICATION	3
3. DOCUMENTATION	3
4. COMPLIANCE	3
5. EQUIPMENT EVALUATION & TESTING	4
6. RECOMMENDATION FOR BLUE BOOK LISTING	4
7. REMOVAL OF METERING EQUIPMENT FROM THE APPROVED ELECTRICAL EQUIPMENT BLUE BOOK.....	5

Specification	Revision	Rev Date	Effective Date	Copyright Information	page 2 of 6
MES-760	Rev 2	7/2024	7/11/2024	2013 - 2024 Consolidated Edison Co. of New York, Inc. ¹	
Filing Information		FIELD MANUAL			

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1. PURPOSE

This Specification provides the process for acceptance and removal of metering equipment in the Consolidated Edison Approved Equipment List, aka, Electric Blue Book (EBB).

2. APPLICATION

This procedure applies to the Electric Meter Shop personnel involved with the approval and listing of metering equipment into the Consolidated Edison Approved Electric Service Equipment List.

3. DOCUMENTATION

- 3.1. The equipment approval process starts with a formal letter from the manufacturer to the Electric Revenue Meter Shop.
- 3.2. Meter Shop Engineering makes a preliminary determination if there is a need for new equipment in the Consolidated Edison's service territory.
- 3.3. If there is interest shown for the new equipment, the process starts with the submission of a documentation package that includes the following (if applicable):
 - 3.3.1. Sample unit (built in vendor's factory and shipped to Meter Shop). The sample unit must be an exact replica of the equipment which will be ordered by customers. (Number of samples to be determined by the Meter Shop.)
 - 3.3.2. Mechanical and/or Electrical drawings of the equipment
 - 3.3.3. Bill of Material (BOM)
 - 3.3.4. Brochure and/or catalog, including catalog number(s) with available options.
 - 3.3.5. All applicable operation and/or technical manuals
 - 3.3.6. Underwriters Laboratories (UL) proof of listing
 - 3.3.7. Compliance with the New York City Electrical Code
 - 3.3.8. Copies of letters of approvals from other relevant listing agencies
 - 3.3.9. Manufacturer's QA process (Detailed)

4. COMPLIANCE

- 4.1.1. Equipment shall be UL approved (Listed).
- 4.1.2. Equipment shall be N.Y.C Advisory Board approved.
- 4.1.3. Equipment shall comply with relevant Con Ed specifications.

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- 4.1.4. Equipment shall comply with NEC, NESC and other relevant N.Y.C. electrical codes.
- 4.1.5. Con Ed has the right not to proceed with the Approval Process if it has deemed that the above material is unsatisfactory.

5. EQUIPMENT EVALUATION & TESTING

- 5.1. The equipment will be evaluated under the Meter Shop test program and include but not limited to the following:
 - 5.1.1. Workmanship
 - 5.1.2. Visual test (Appearance) and required labeling
 - 5.1.3. Electrical continuity
 - 5.1.4. Fit of components
 - 5.1.5. Mechanical & Electrical functionality under energized service conditions
 - 5.1.6. Mechanical & Electrical integrity (ex: heat rise, dielectric breakdown)
 - 5.1.7. Compliance to the relevant Con Ed specifications
 - 5.1.8. Con Ed has the right not to proceed with the Approval Process if it has deemed that the above material is unsatisfactory.
- 5.2. The equipment manufacturer shall provide testing results performed by UL
- 5.3. The vendor shall be notified of any discrepancies and items of nonconformance. These items shall be corrected before granting of final approval.
- 5.4. Con Ed has the right not to proceed with the Approval Process if it has deemed that the above material is unsatisfactory.

6. RECOMMENDATION FOR BLUE BOOK LISTING

- 6.1. With the Engineer’s decision and the conformance to all documentation under the Documentation (section 3) and Equipment Evaluation & Testing (section 4).

Specification	Revision	Rev Date	Effective Date	Copyright Information	page 4 of 6
MES-760	Rev 2	7/2024	7/11/2024	2013 - 2024 Consolidated Edison Co. of New York, Inc. ¹	
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7. REMOVAL OF METERING EQUIPMENT FROM THE APPROVED ELECTRICAL EQUIPMENT BLUE BOOK

7.1. Con Ed has the right to remove any equipment from its Electric Blue Book without the manufacturer's consent.

7.2. Factors that are subjected for removal, but not limited to:

7.2.1. Safety related issues

7.2.2. Defects found from material/components of the equipment

7.2.3. Reliability issues

7.2.4. Poor manufacturer quality

7.2.5. Poor manufacturer (equipment) workmanship

7.2.6. Lapse in UL (approval) listing

7.2.7. Past and present equipment performance

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MES-760	Rev 2	7/2024	7/11/2024	2013 - 2024 Consolidated Edison Co. of New York, Inc. ¹	
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Randy Lopez

<u>DATES:</u> REVISION 0: Michael Parobek January 1, 2013 REVISION 1: Reviewed and updated. REVISION 2: Randy Lopez July 11, 2024 Reviewed and updated.	<u>FILE:</u>
Due for review / revision: 7/2028	