



**BUILDING CODE COMPLIANCE OFFICE**  
METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1603  
MIAMI, FLORIDA 33130-1563  
(305) 375-2901 FAX (305) 375-2908

**CONTRACTOR LICENSING SECTION**  
(305) 375-2527 FAX (305) 375-2558

**CONTRACTOR ENFORCEMENT DIVISION**  
(305) 375-2966 FAX (305) 375-2908

**PRODUCT CONTROL DIVISION**  
(305) 375-2902 FAX (305) 372-6339

**PRODUCT CONTROL NOTICE OF ACCEPTANCE**

**Clopay Building Products Co.**  
**4800 Interstate Drive**  
**Cincinnati ,OH 45246**

Your application for Notice of Acceptance (NOA) of:

**Ideal Model 4RST W7 Door**

under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined by BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

**ACCEPTANCE NO.: 01-0329.01**

**EXPIRES: 09/14/2003**

Raul Rodriguez  
Chief Product Control Division

**THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL  
CONDITIONS  
BUILDING CODE & PRODUCT REVIEW COMMITTEE**

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.  
Director  
Miami-Dade County  
Building Code Compliance Office

**APPROVED: 05/17/2001**

**NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS**

**1. SCOPE**

This revised the Notice of Acceptance No. 00-0614.02 that was issued on 09/14/2000. It approves a sectional steel garage door, as described in Section 2 of this Notice of Acceptance (NOA), designed to comply with the South Florida Building Code, 1994 Edition for Miami-Dade County. For the locations where the pressure requirements, as determined by SFBC Chapter 23, do not exceed the Design Pressure Rating values indicated in the approved drawings.

**2. PRODUCT DESCRIPTION**

The **Ideal 9' wide sectional steel garage door** and its components shall be constructed in strict compliance with the following documents: Drawing No. 102156, titled "IDEAL MODEL 4RST W7: +42/-48 PSF DESIGN LOADS", prepared by Clopay Building Products Company, drawn on 05/17/00, checked on 06/02/00, with last revision on 03/2001 and sheet 1 of 1. They bear the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division. These documents shall hereinafter be referred to as the approved drawings.

**3. LIMITATIONS**

This approval requires the manufacturer to do testing of all coils used to fabricate door panels under this Notice of Acceptance. A minimum of 2 specimens shall be cut from each coil and tensile tested according to ASTM E-8 by a Dade County approved laboratory selected and paid by the manufacturer. Every 3 months, four times a year, the manufacturer shall mail to this office: a copy of the tested reports with confirmation that the specimens were selected from coils at the manufacturer production facilities. And a notarized statement from the manufacturer that only coils with yield strength of 28,000 psi or more shall be used to make door panels for Dade County under this Notice of Acceptance.

**4. INSTALLATION**

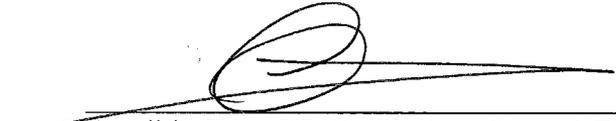
- 4.1 The sectional steel garage door and its components shall be installed in strict compliance with the approved drawings.
- 4.2 The installation of this door does **not require** a hurricane protection system.
- 4.3 Units with dimensions equal to or smaller than those shown in the approved drawing shall qualify under this approval.

**5. LABELING**

Each door shall bear a **permanent** label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved".

**6. BUILDING PERMIT REQUIREMENTS**

- 6.1 Application for building permit shall be accompanied by copies of the following:
  - 6.1.1 This Notice of Acceptance.
  - 6.1.2 Duplicate copies of the approved drawings as identified in Section 2 of this NOA, clearly marked to show the components selected for the proposed installation.
  - 6.1.3 Any other documents required by the Building Official or the South Florida Building Code (SFBC) in order to properly evaluate the installation of this system.

  
Candido Font, PE. Sr. Product Control Examiner  
Product Control Division

**NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS**

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documents, including test-supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approval", or as specifically stated in the specific conditions of this Acceptance.
3. Renewals of Acceptance will not be considered if:
  - a. There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes.
  - b. The product is no longer the same product (identical) as the one originally approved.
  - c. If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product.
  - d. The engineer, who originally prepared, signed and sealed the required documentation initially submitted, is no longer practicing the engineering profession.
4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
5. Any of the following shall also be grounds for removal of this Acceptance:
  - a. Unsatisfactory performance of this product or process.
  - b. Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purposes.
6. The Notice of Acceptance number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all time. The engineer needs not reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.

**END OF THIS ACCEPTANCE**



Candido Font, PE. Sr. Product Control Examiner  
Product Control Division

Clopay Building Products Co.

ACCEPTANCE No: 01-0329.01

APPROVED: **MAY 17 2001**

EXPIRES: 09/14/2003

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

*(For File ONLY. Not part of NOA.)*

**A. DRAWINGS**

1. *Drawing prepared by Clopay Building Products Co., titled "IDEAL MODEL 4RST W7: +42/-48 PSF DESIGN LOADS", Drawing No.102156, drawn 05/17/00 checked on 06/02/00, with last revision on 03/2001 and sheets 1 of 1, signed and sealed by M. Westerfield, PE.*

**B. TESTS**

1. *Test report of large missile impact test per PA 201, cyclic wind pressure test per PA 203 and uniform static air pressure test per PA 202 on "9' x 8' door model 73", prepared by American Test Lab of South Florida, Report No. ATL 1112.01-96, dated 11/13/96, signed and sealed by W. Mehner, PE.*

**C. CALCULATIONS**

1. *Calculations dated 01/10/97; pages 1 through 2, prepared by M. Westerfield signed by M. Westerfield, PE.*

**D. MATERIAL CERTIFICATIONS**

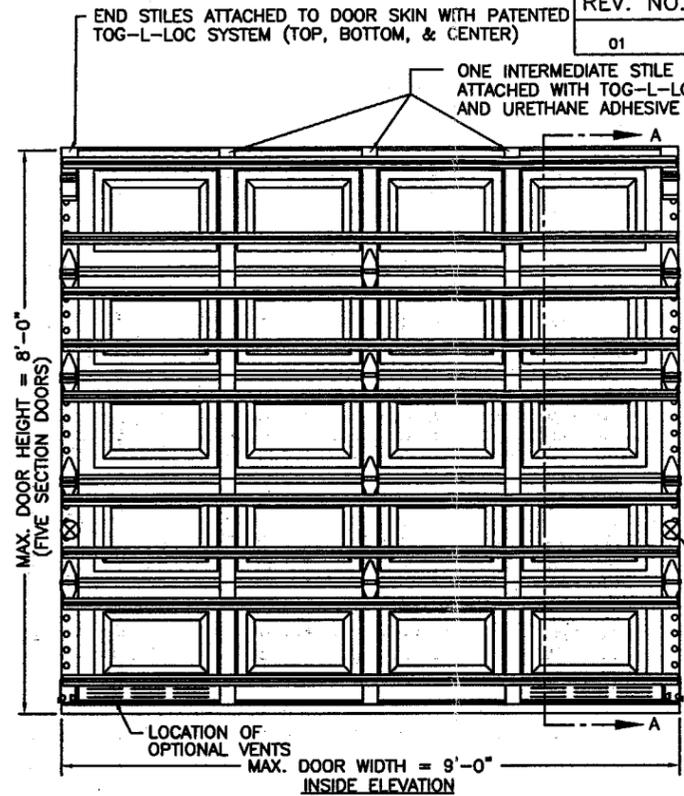
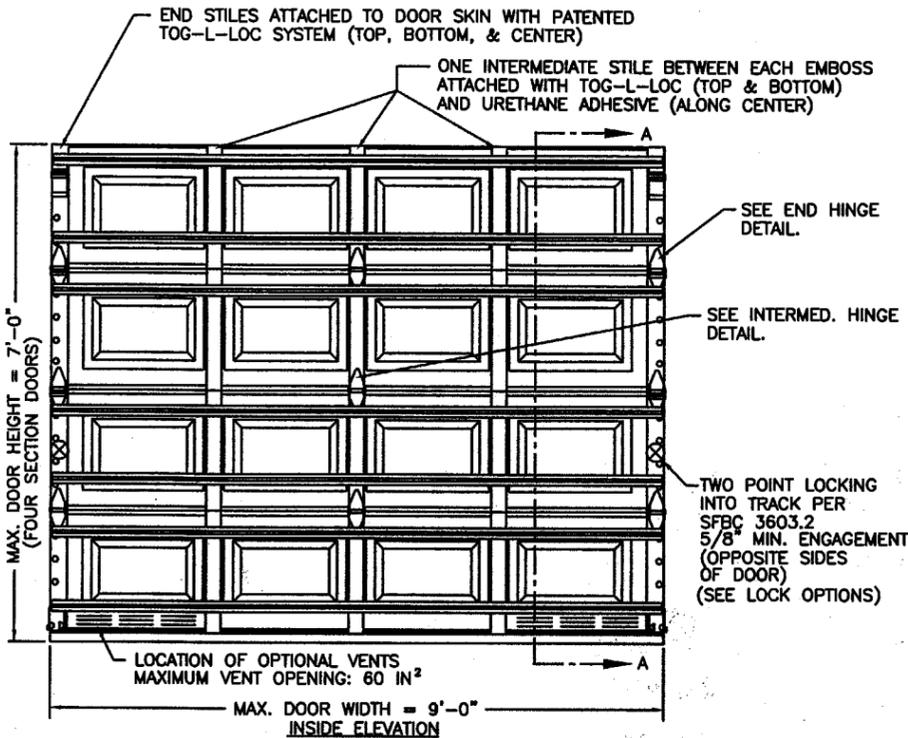
1. *Tensile Test Report No. CTL986B, prepared Certified Testing Laboratories, dated 12/16/96 signed and sealed by R. Patel, PE.*
2. *Salt Spray Exposure test report No. MTS 258592, prepared by Celotex Corporation Testing Services, dated 08/17/98, signed and sealed by R. G. Miller, PE.*

**E. STATEMENTS.**

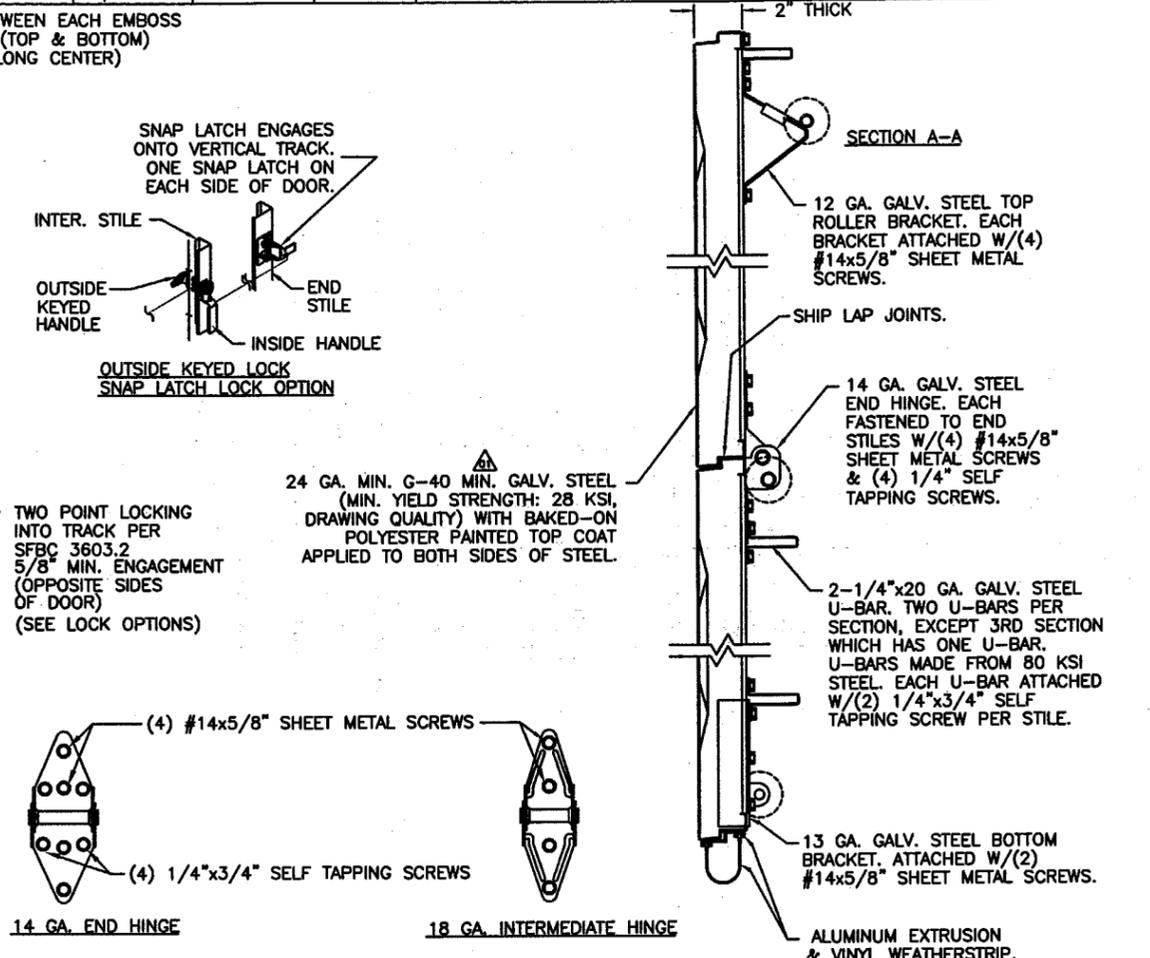
1. *Letter of Code Compliance issued by Clopay Building Products Co. on 01/10/97, signed by M. Westerfield, PE.*
2. *Letter of Code Compliance issued by Clopay Building Products Co. on 06/05/00, signed by M. Westerfield, PE.*
3. *Letter of No Financial Interest issued by M. W. Westerfield, PE. on 01/10/97, signed by M. W. Westerfield, PE and notarized by M. E. Knisley.*
4. *Letter confirming that Ideal Door & Clopay Door are manufactured by Clopay Building Products, dated 06/05/00 and signed by M. Westerfield, PE.*
5. *Affidavit of minimum yield strength compliance prepared by T. Arnold employed by Clopay Building Products Company, signed by R. D. Shifflett and notarized by S. E. Odenhauser on 03/29/2001*

  
Candido Font, PE. Sr. Product Control Examiner  
Product Control Division

IDEAL MODEL 4RSTW7



REVISIONS					
REV. NO.	ZONE	DATE	ECN NO.	APPVD:	DESCRIPTION
01	C1	3/2001		MWW	G-40 MIN. GALV. WAS G-60



NOTE 1:  
 DOORS 6'6" HIGH CONSIST OF (4) SECTIONS; (2) OF 21" & (2) OF 18".  
 DOORS 7'0" HIGH CONSIST OF (4) SECTIONS; (4) OF 21".  
 DOORS 7'6" HIGH CONSIST OF (5) SECTIONS; (5) OF 18".  
 DOORS 8'0" HIGH CONSIST OF (5) SECTIONS; (2) OF 21" & (3) OF 18".

NOTE 2: SUPPORTING STRUCTURAL ELEMENTS SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER FOR WIND LOADS SHOWN ON THIS DRAWING.

DOOR MODEL	DESCRIPTION*
4RST	24 GA. STEEL SKIN; 18 GA. PAINTED STEEL END STILES

\* - ALL DOOR MODELS ARE RAISED PANEL EMBOSS

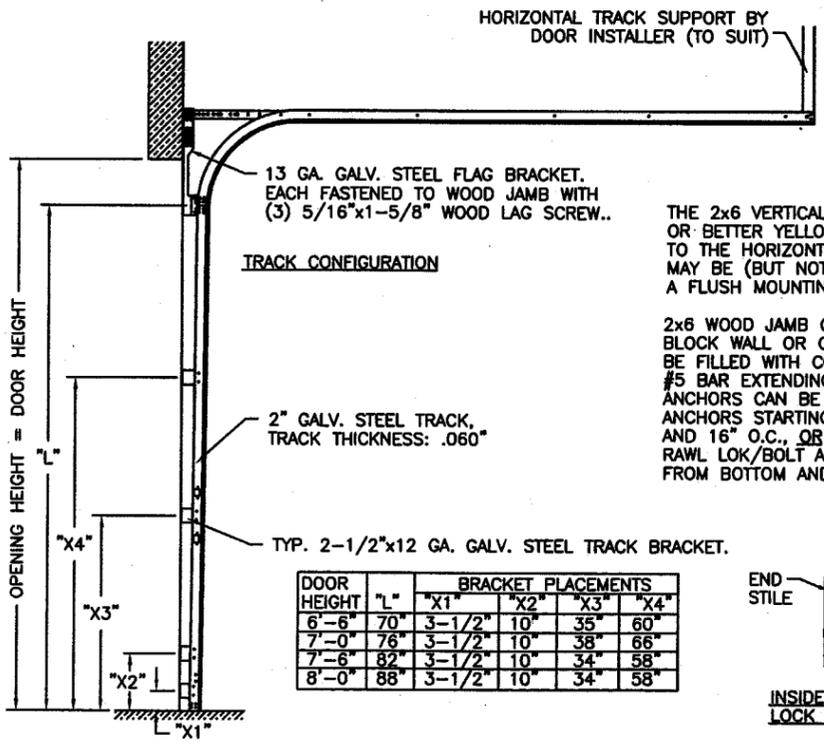
THE 2x6 VERTICAL WOOD JAMBS ARE TO BE GRADE 2 OR BETTER YELLOW PINE. NO LOAD IS TRANSFERRED TO THE HORIZONTAL (TOP) JAMB. ALL JAMB FASTENERS MAY BE (BUT NOT REQUIRED) COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE.

2x6 WOOD JAMB CAN BE ANCHORED TO GROUT REINFORCED BLOCK WALL OR CONCRETE COLUMN. BLOCK CELLS SHALL BE FILLED WITH CONCRETE AND REINFORCED WITH CONTINUOUS #5 BAR EXTENDING INTO THE FOOTING AND INTO TIE BEAMS. ANCHORS CAN BE 1/4"x1-3/4" EMBED TAPCON CONCRETE ANCHORS STARTING AT NO MORE THAN 8" FROM BOTTOM AND 16" O.C., OR WITH 3/8"x4" (1-3/4" EMBED) RAWL LOK/BOLT ANCHOR STARTING AT NO MORE THAN 8" FROM BOTTOM AND 24" O.C.

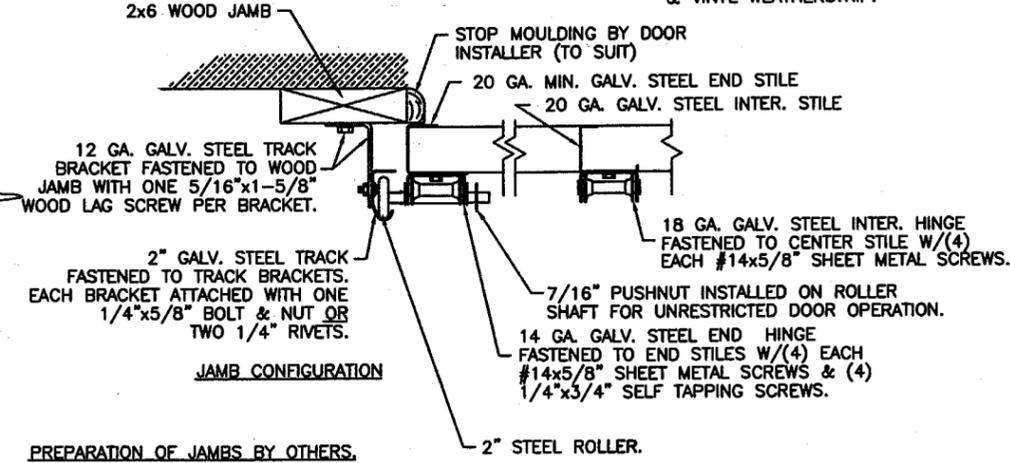
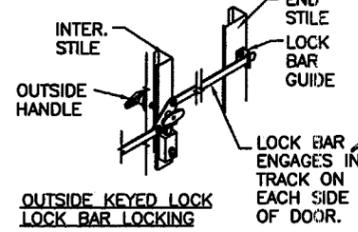
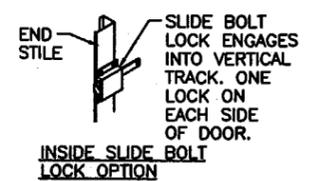
RECEIVED WITH THE  
 FLORIDA BUILDING CODE  
 DATE MAY 17 2001  
 BY  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE NO. 04032901

DESIGN LOADS: +42.0 PSF & -48.0 PSF.

DESIGN ENGINEER:  
 MARK W. WESTERFIELD  
 FLORIDA REGISTRATION No. 48495  
 MECHANICAL ENGINEERING



DOOR HEIGHT	L"	BRACKET PLACEMENTS			
		X1"	X2"	X3"	X4"
6'-6"	70"	3-1/2"	10"	35"	60"
7'-0"	76"	3-1/2"	10"	38"	66"
7'-6"	82"	3-1/2"	10"	34"	58"
8'-0"	88"	3-1/2"	10"	34"	58"



Unless Stated Otherwise TOLERANCES are

.0	= ±.03
.00	= ±.015
.000	= ±.005
.0000	= ±.001
Degrees	= ±1/2°

Unless Stated Otherwise DIMENSIONS ARE IN INCHES.

CLOPAY BUILDING PRODUCTS COMPANY  
 312 Walnut St. Suite 1600  
 Cincinnati, OH 45202  
 Tel. No. 1-513-381-4800  
 Fax No. 1-513-762-3519

IDEAL DOOR BRAND			
DESCRIPTION: IDEAL MODEL 4RST W7: +42/-48 PSF DESIGN LOADS			
DRAWN BY: BMM	DATE: 5/17/00	SCALE:	DWG. SIZE B
CHECKED BY: MWW	DATE: 6/2/00	SHEET 1 OF 1	
DWG. NO.: 102156	REV. NO. 01		

01-0329-01