



Medical Action INDUSTRIES INC.

10 Columbia Blvd, Clarksburg, WV 26301
Phone: 304.622.9369
Fax: 304.622.9378
www.medical-action.com

Memo

To: Medical Action Industries Inc. From: Robin K Blankenbaker
Customers

Re: "F" Code Compliance Date: 2/27/2008

Medical Action Industries "F" code red infectious waste bags are manufactured to meet the requirements of Chapter 64E-16 Florida Administrative Code Biomedical Waste with the following characteristics:

1. Elmendorf Tear Resistance Test as outlined in ASTM designation D1922-01; "Standard Test Method for Propagation Tear Resistance of Plastic Film by Pendulum Method." Tear resistance of 480 grams in both the parallel and perpendicular planes with respect to bag length.
2. Free-falling Dart Drop Test ASTM designation D1709-01; "Impact Resistance of Plastic Film by the Free Falling Dart Method, Method A." Bags must meet a minimum impact test of 165 grams.
3. No heavy metals are used in the manufacture of these bags.
4. All bags are tested throughout each production lot to specific quality requirements.
5. The International Biological Hazard Symbol shall be at least six inches in diameter on bags 14" X 19" or larger and at least one inch diameter on bags smaller than 14" X 19".
6. Red in color.

Sincerely,

A handwritten signature in black ink, appearing to read 'Robin K Blankenbaker', is written over a horizontal line.

Robin K Blankenbaker
Director of Quality Assurance and Regulatory Affairs
robinb@medical-action.com
828-681-8820 ext. 258

Right. From the Beginning.



**MEDICAL
ACTION
INDUSTRIES INC.**

10 Columbia Blvd. • Clarksburg • West Virginia 26301

To: *Medical Action Industries Inc. Customers*

Date: *May 25, 2005*

From: *Rich Pohland*

Subject: *Red Bag Compliance*

Medical Action Industries red infectious waste bags are manufactured with the following characteristics:

- 1. Certain product codes meet the Elmendorf Tear Resistance Test as outlined in ASTM designation D1922-01; "Standard Test Method for Propagation Tear Resistance of Plastic Film by Pendulum Method". Tear resistance requirements in both the parallel and perpendicular planes with respect to bag length are specified by several states.*
- 2. Free-Falling Dart Drop Test ASTM designation D1709-01; "Impact Resistance of Plastic Film by the Free Falling Dart Method, Method A". Bags must meet a minimum impact test of 165 grams.*
- 3. Bags are manufactured utilizing high strength polyethylene.*
- 4. No heavy metals are used in the manufacture of these bags.*
- 5. Print on the bags includes "Infectious Waste" or "Biohazardous Waste" in English and Spanish.*
- 6. All bags are tested throughout each production lot to specific quality requirements.*
- 7. The International Biological Hazard Symbol shall be at least six inches in diameter on bags 14" X 19" or larger and at least one inch diameter on bags smaller than 14" X 19".*
- 8. Red in color.*

Sincerely,

Richard Pohland
Plant Manager

25 Heywood Road, Arden, NC 28704
Phone: 828.681.8820
Fax: 828.681.8828
www.medical-action.com

February 6, 2008

Medical Action Industries manufactures and supplies a variety of bags for use in healthcare settings.

All Medical Action Industries supplied bags conform to the applicable state, federal and international standards. This includes OSHA, ASTM and DOT standards.

Specifically, all Medical Action Industries bags intended for the transport of medical waste are marked and certified to have passed the tests prescribed for tear resistance, ASTM D 17099-01 and impact resistance, ASTM D 19229-00a.

Tear and impact resistance results for Medical Action bags may be supplied upon request from our customer, however for non-biohazard containment bags, this is not a normal practice and an additional fee may be applied.

Medical Action Industries biohazard bags do not carry an expiration date and have indefinite shelf-life if stored under controlled conditions and protected from direct light.

If you have any questions regarding this communication, please feel free to contact me.

Sincerely,

Robin K. Blankenbaker
Director of Quality Assurance and Regulatory Affairs
Medical Action Industries
(828) 681-8820 ext. 258
robinb@medical-action.com

From the Beginning.





**MEDICAL
ACTION
INDUSTRIES INC.**

10 Columbia Blvd. • Clarksburg • West Virginia 26301

To: *Medical Action Industries Inc. Customers*

Date: *January 5, 2006*

From: *Rich Pohland*

Subject: *Autoclave Bag Certification*

Medical Action Industries polypropylene autoclave bags are manufactured with the following characteristics:

- 1. Manufactured using virgin polypropylene resin.*
- 2. Will withstand an autoclave temperature of 280 degrees F.*
- 3. Colorants and resins used contain no heavy metals.*
- 4. Bags are tested throughout each production batch to specific quality requirements.*
- 5. Red bags must meet ASTM D1709-91 dart impact test of 165 grams.*

Sincerely,

A handwritten signature in black ink, appearing to read 'Richard Pohland', is written over a white background.

**Richard Pohland
Plant Manager**