

MICHIGAN DEPARTMENT OF CORRECTIONS

"Expecting Excellence Every Day"

MEMORANDUM

DATE: 26 August 2004

TO: Tujauna White, MSI Marketing Specialist
Cary Adragna, MSI Sales Manager

FROM: Al Giroux, MSI Engineering Manager

SUBJECT: **Wording for Fire Retardant and Special Security Items**

PD 04.03.120 requires that all furniture and cell bedding materials used anywhere at a location where prisoners are kept be fire retardant. This includes all buildings of a facility whether prisoners are housed in that building or not. This applies to **Chairs, Mattresses, and Pillows in particular** and to other furnishings when available with fire retardant features. The following wording should be placed at the beginning of each web site section as well as in our sales literature.

Chairs: SPECIAL CONDITIONS FOR CORRECTIONS CHAIRS

All furniture ordered by Corrections for any facility, home, center, etc. that houses prisoners, parolees, etc, for any reason (CFA AND FOA) must be ordered with fire retardant chair cushions.

NOTE 1: SPECIAL CONTROL BRACKETS. Currently only three cushioned chairs offered by MSI that have special controls that reduce the ability to easily remove levers and have been approved for use behind the walls. They are the **Tuf Cop –TS-7 and the Tuf Cop TS-9** (order forms attached, need to specify fire retardant cushions) and the **Advanced Task Security Chairs – TS-8 series** (order form attached). The Advanced Task Security Chair offers more ergonomic features than the Tuf Cop and is only available with fire retardant cushions. Fire retardant cushions have been tested to meet the standards of NFPA 266-Standard Method of Test for Fire Characteristics of Upholstered Furniture Exposed to Flaming Ignition Sources. Comparable standard test are California Technical Bulletin 133; and ASTM E 1537 Tested February 2000.

All retardant cushions have a tag attached which indicates it is fire retardant. MSI offers most of its chairs with fire retardant cushions as an option. Only the three listed above have special controls.

MSI continues to offer prisoner use chairs, items 2617, often used in cells, and 2564, a ploy-bucket chair, often used in assembly settings. These do not have cushions and controls.

Pajamas, Blankets and Clothing

Men's prisoner pajamas (**1705 AND 1706**) are considered fire retardant because they are 100% Polyester. Polyester is inherently flame retardant but may be toxic and produce heavy black smoke. Wool Blankets have natural flame retardant qualities. Wool supports combustion under flame but self extinguishes. No heavy toxins. Cotton offers no flame resistance, does not self extinguish and does not produce heavy toxins.

Mattresses and Pillows

NOTE for CORRECTIONS: MDOC has special requirements for mattress sizes and types for most housing areas. In addition mattresses need to be fire retardant.

Mattresses used at any MDOC facility (CFA, FOA, etc.) must be fire retardant. Most of the mattresses MSI manufactures have been tested to determine if they are fire retardant. All mattress MSI offers for use in correctional settings meet fire test-California TB-129 FIRE TEST SUMMATION. The following MSI prison use mattresses have passed this test: **3268, 3269, 3269-UT, 3282, 3282-UT, 3284, 3284-UT, 3286, 3288, 3288-UT, 3272, 3294, and 3295**. Only these mattresses should be used in correctional settings. Be sure to order the correct size for your bed frame.

Mattress covers and pillow ticks are all compliant. Item numbers: **3298, 3300, 3314-SM, and 3314-LG**.

Finished pillows in the **3319 and 3320 series** are made with a low melt 100% polyester bating (it melts-no drip). They are compliant with established standards: NFPA- 701, Federal standard 191-5903 Vertical Flame test, FF4-72.

Shower Curtains

Item **3305** is manufactured in segments. "SureChek" segments meet FR standards. Shower curtains are made from the same material as mattresses covers: "SureChek."

Office Paneling

MSI's office paneling is manufactured to same standards used in the industry.

cc: Lloyd Kimbrell
Larry Guerrant
Dan Welihan – MDOC Office of Fire Safety- 4 copies
John Hession, Dennis Keller, Jerry Butters, Randy Duell, Jay Ketcik, Nan Akkanen