

CPSA 6

2/23/95 ✓

LOG OF MEETING

DIRECTORATE FOR ENGINEERING SCIENCES

SUBJECT: UPHOLSTERED FURNITURE PROJECT

DATE OF MEETING: 2/23/95

PLACE:

University of Maryland
College Park, MD

LOG ENTRY SOURCE: Rikki Khanna, ESME

COMMISSION ATTENDEES:

Rikki Khanna, ESME

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NON-COMMISSION ATTENDEES:

Dr. Steven Spivak, Dept. of Fire Protection Engineering

Sanjeev Gandhi, Graduate Student, Dept. of Fire Protection Engineering

DISCUSSION:

The purpose of the meeting was to discuss a paper entitled " *Challenges and Developments in Fire Testing for Upholstered Furniture* ". This paper will be presented during the Society of Fire Protection Engineers Seminar, May 23, 1995 in Denver, CO.

Dr. Spivak summarized his paper and touched upon the following major points:

- Standards for Upholstered Furniture Flammability
- General Approaches to Improving Fire Resistance of Upholstered Furniture
- Role of Cover Fabric: Changes for Enhanced Fire Resistance
- New Developments in PU Foams and Barrier Materials

After an overview of the paper, a discussion followed concerning important test parameters for upholstered furniture such as ignition propensity, heat release rate, and toxic products of combustion.

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