MEMORANDUM

TO: Metal Furniture Project Docket No. A-97-40

SUBMITTED BY: Dr. Mohamed Serageldin, ESD/CCPG

DATE: December 10, 2001

SUBJECT: Summary of the December 6, 2001, Metal Furniture Surface Coating MACT, Stakeholder Teleconference

The purpose of this memorandum is to summarize the discussion that took place during the December 6, 2001, metal furniture surface coating MACT teleconference among the EPA, industry stakeholders, and State representatives. The primary focus of the meeting was to discuss the emission limits for new and existing sources in the upcoming proposed rule. The anticipated proposal and promulgation schedule were also discussed.

MEETING PARTICIPANTS

Environmental Protection Agency (EPA)
Mohamed Serageldin, Office of Air Quality Planning and Standards
Dianne Byrne, Office of Air Quality Planning and Standards

EC/R Incorporated
David Hendricks
Karen Holmes

Regulatory Agency Representatives
Hank Naour, Illinois Department of Environmental Protection
Venkata Panchakarla, Florida Department of Environmental Protection

Industry Representatives
Madeline Harding, The Sherwin-Williams Company
Scott Lesnet, HON Industries
Brad Miller, Business and Institutional Furniture Manufacturer's Association (BIFMA)
Bob Nelson, National Paint and Coatings Association (NPCA)
Rhonda Ross, Warner, Norcross & Judd (for BIFMA)
Sherry Stookey, Lilly Industries

SUMMARY OF DISCUSSION

Dr. Serageldin opened the meeting by welcoming all the participants and allowing each participant to provide a brief introduction. He explained that each participant was provided with a table (see Attachment A) which contained emission rate information on each of the six facilities used in the development of the proposed emission limits for new and existing sources. He also clarified that the proposal document was still being reviewed by other EPA offices.

New and Existing Source Emission Limits

Dr. Serageldin stated that the existing major source emission limit for the proposed standards was determined to be 0.12 kg organic HAP/liter coating solids (nonvolatiles) used. The emission limit for new and reconstructed sources was determined to be 0.094 kg organic HAP/L coating solids used.

Dr. Serageldin said that facility emission rates were calculated assuming that 100 percent of the organic HAP used at the facility for metal furniture operations was emitted. He explained that the facility organic HAP emissions were divided by the total coating solids to determine a facility emission rate in kg HAP/L coating solids. Dr. Serageldin said that the average emission rate of the top 6 facilities was used to calculate the existing source emission limit. The average of the top 6 facilities was used because there are more than 30 sources in the source category, even though there was complete emission data for less than 30 sources. The emission rate of the best performing facility, which was the first facility listed in the table provided by the EPA, was used to determine the new source emission limit.

Anticipated Schedule

Mr. Lesnet asked when the EPA expected the metal furniture NESHAP to be proposed. Ms. Byrne explained that the draft proposal was still undergoing review and that she did not expect the rule to be proposed until late December 2001 or January 2002. Mr. Lesnet asked when existing sources would have to be in compliance. Dr. Serageldin explained that the expected compliance date is 3 years from the date of promulgation. Therefore, compliance for existing sources is expected in approximately January 2006, assuming a full year between proposal and promulgation.

Other Issues and Concerns

Mr. Lesnet asked if the monitoring, recordkeeping, and reporting (MRR) provisions in the proposed metal furniture NESHAP are expected to be similar to the proposed Large Appliance NESHAP (40 CFR part 63, subpart NNNN). Dr. Serageldin explained that the MRR provisions are expected to be very similar.

Mr. Naour asked how the anticipated proposal will impact the hammer clause of section 112(j) of the Clean Air Act. Mr. Naour explained that under section 112(j), sources will have until May 15, 2002 to implement a case-by-case MACT if the EPA fails to promulgate a standard by that date, and the sources will need to incorporate permit conditions into their title V permits. Ms. Byrne explained that changes to the part 63 General Provisions are expected to change case-by-case MACT requirements somewhat. She anticipated that sources will only need to submit a simple notification by the May 15, 2002 deadline.

Mr. Lesnet requested that the EPA post general guidance on its web site as to how sources could implement the proposed rule into their title V permits. Mr. Naour suggested that it may be helpful for the guidance to appear in the preamble to the rule. Ms. Byrne said that the web site would be a more appropriate place for the guidance. Ms. Byrne suggested that stakeholders provide examples of applicability concerns to Ingrid Ward, who is leading the EPA project dealing with implementation issues.

Ms. Harding asked if a metal component of wood furniture at a source already subject to the wood furniture NESHAP (40 CFR part 63, subpart JJ) would still be covered under the wood furniture rule or both the metal furniture and wood furniture rules. Ms. Byrne said that the proposed metal furniture rule contains language which would exempt a metal component at a source already subject to the wood furniture rule. Therefore, the source would be subject to only the wood furniture rule. Ms. Byrne also explained that a primarily wood furniture coating facility that has a coating line dedicated to metal furniture would be subject to both the wood furniture and metal furniture rules.

Mr. Nelson asked if there was an exemption based on predominant use. Ms. Byrne said that the EPA considered the idea of allowing a predominant use provision. However, the predominant use approach was not adopted due to legal concerns about allowing a source to meet requirements that would be less stringent than the MACT floor.

Mr. Lesnet requested clarification on whether an adhesive used to bond plastic to a wood substrate which is then assembled onto a metal desk would fall under the metal furniture rule. Dr. Serageldin stated that the example would be covered under the metal furniture rule because the adhesives were dedicated to metal furniture production. Mr. Lesnet requested that guidance be posted on the EPA's website addressing this issue.

Ms. Ross asked whether criteria pollutants were used to determine the major or synthetic minor status of the sources used to determine the MACT floor. Dr. Serageldin explained that the major or synthetic minor status was determined only by hazardous air pollutant (HAP) emissions. He further explained that for a source to be classified as synthetic minor it must have a federally enforceable permit limit which limits HAP emissions to below the major source threshold (10 tpy of any one HAP or 25 tpy of all HAP). Ms. Ross asked if other NESHAP rules included synthetic minor sources in their floor calculations, and Ms. Bryne explained that they did include synthetic minor sources.

ACTION ITEMS

- The EPA and Stakeholders will continue working to develop language to be posted on the EPA's web site addressing implementation guidance.

- Stakeholders will provide examples of applicability issues to Ingrid Ward.

ATTACHMENT A

Facility Cleaning and Coating Application Operations Organic HAP Emissions Normalized by Coating Solids Usage for the MACT Floor Determination

Table 1. Facility Cleaning and Coating Application Operations Organic HAP Emissions Normalized by Coating Solids Usage for the MACT Floor Determination

Number	Facility ID	Total Organic HAP Emissions (kg)	Total Coating Solids Volume (L)	Normalized Facility Emission Rate (kg HAP/L coating solids)
Major and synthetic minor facilities that reported all information necessary to calculate the normalized facility emission rate				
1	MFF-03-C	6,154	65,338	0.094
New Source MACT Floor = 0.094 kg HAP/L coating solids				
2	MFE-06-K	6,300	63,862	0.099
3	MFA-08-CP	4,186	37,892	0.110
4	MFD-01	1,481	12,564	0.118
5	MFA-07-J	39,476	305,693	0.129
6	MFE-04	1,771	12,025	0.147
Existing Source MACT Floor = 0.116 kg HAP/L coating solids (average of the top six facilities)				