



Minutes

December 8, 2016

MAR&PG Board Meeting

Scheduled 3:00 PM Eagle Tavern, Chester Springs Pa

Present: Jim Gayler, Bruce Rhoades, Joe Martin, Jeff Linn, Raju Chudamani, Paula McDaniel, Kim Dempsey Miller, Dilip De, Amy Saha, Jennifer Reinford, Ron Campbell, Rob DeAndrea

Absent: Dick Grossman, Marty Sheridan, John Bonforte Sr, Michael Clark

The Meeting was called to order by Jim Gayler at 3:12 PM.

Past Minutes: Were accepted by the group

Treasurer Report for December 2016 submitted by **-Bruce Rhoades**

The BOA checking account position for the MARG as of November 30, 2016 is summarized:

Key transactions since the September report:

1. \$1,091.80 was deposited in August and September for the Fall meeting in King of Prussia.
2. Checks totaling \$2,192.65 were issued to cover the Fall meeting at the Doubletree in King of Prussia. These checks included the rental of two rooms, the board members' lunch, and speakers' gifts.
3. A check of \$817.22 was issued to Autumn Valley Graphics for expenses associated with setting up Constant Contact and LinkedIn and other marketing expenses.
4. A checks totaling \$2,311.54 were issued to cover expenses associated with the November Symposium and Speaker's Dinner.
5. Deposits of \$2066.12 were received for the November Symposium. A \$900 deposit is pending from West Pharmaceutical to cover catering services received by West attendees during the Symposium.
6. MARPG accounts have decreased by \$4,235.70 in the eleven month period ending November 30, 2016



BOA Checking Account

Period Ending	Beginning Balance	Deposits	Withdraws (AMEX)	Checks	Fees	Ending Balance
12/31/2016	\$ 4,306.33	\$ 1,020.00	\$ (131.06)	\$ -	\$ -	\$ 5,195.27
2/29/2016	\$ 5,195.27	\$ 1,810.42	\$ (41.97)	\$ -	\$ -	\$ 6,963.72
3/31/2016	\$ 6,963.72	\$ 450.00	\$ (33.28)			\$ 7,380.44
4/30/2016	\$ 7,380.44	\$ 165.66	\$ (30.13)	\$ -		\$ 7,515.97
5/31/2016	\$ 7,515.97	\$ 1,100.00	\$ (43.45)	\$ (668.53)	\$ -	\$ 7,903.99
6/30/2016	\$ 7,903.99	\$ 300.00	\$ (56.95)	\$ (600.00)	\$ (29.95)	\$ 7,517.09
7/31/2016	\$ 7,517.09	\$ 3,038.52	\$ (59.09)	\$ (2,286.63)	\$ -	\$ 8,209.89
8/30/2016	\$ 8,209.89	\$ 40.00	\$ (43.90)	\$ (3,000.00)		\$ 5,205.99
9/30/2016	\$ 5,205.99	\$ 971.80	\$ (46.76)	\$ (1,897.76)	\$ (29.95)	\$ 4,203.32
10/31/2016	\$ 4,203.32	\$ 80.00	\$ (105.20)	\$ (1,112.11)		\$ 3,066.01
11/1/2016	\$ 3,066.01	\$ 2,066.12	\$ (44.63)	\$ (2,311.54)		\$ 2,775.96

Morgan Stanley Account

Beginning Balance (1/1/2016)	\$82,860.50
Debits	(\$150.00)
Withdrawl	(\$3,000.00)
Investment Activity	\$444.67
Current Balance (11/30/2016)	\$80,155.17

Respectfully Submitted,

Bruce Rhoades PMP, PE

Treasurer, MARPG



Area Directors Report: Ron Campbell

Attendance at the October 11-13 International Rubber Expo recorded @ 3,000 attendees.

<http://www.rubbernews.com/article/20161012/NEWS/161019974/photo-gallery-international-elastomer-conference-rubber-expo-welcome>

UPCOMING RUBBER DIVISION, ACS EVENTS

APRIL 24-27, 2017

191st Technical Meeting

DoubleTree by Hilton, Beachwood, OH

OCTOBER 9-12, 2017

International Elastomer Conference

Featuring the International Rubber & Advanced Materials In Healthcare Expo, 192nd Technical Meeting, Educational Symposium & Advanced Materials In Healthcare Conference

Huntington Convention Center of Cleveland, Cleveland, OH

SPRING 2018

193rd Technical Meeting

Location and dates TBD

OCTOBER 9-11, 2018

International Elastomer Conference

Featuring the International Rubber Expo, 194th Technical Meeting & Educational Symposium

Kentucky International Convention Center, Louisville, KY

SPRING 2019

195th Technical Meeting

Location and dates TBD

OCTOBER 14-17, 2019

International Elastomer Conference

Featuring the International Rubber & Advanced Materials In Healthcare Expo, 196th Technical Meeting, Educational Symposium & Advanced Materials In Healthcare Conference

Huntington Convention Center of Cleveland, Cleveland, OH



Upcoming Courses at our NEW Elastomer Training Center and More! <http://www.rubber.org/upcoming-training>

COURSES INFORMATION

January 19, 2017

Understanding Raw Materials, the Building Blocks of Rubber Compounding

India Rubber Expo - Chennai Trade Center - Chennai, India

January 20 & 21, 2017

Compounding for Performance

India Rubber Expo - Chennai Trade Center - Chennai, India

March 7-9, 2017

Introduction to Compounding, Testing and Mixing of Elastomers

Akron, OH

March 15, 2017

Introduction to Compounding, Testing and Processing of Elastomers

Jacksonville, FL

March 16, 2017

Selecting Elastomers for Sealing Applications

Jacksonville, FL

March 28, 2017

An Introduction to Continuous Vulcanization

Akron, OH

March 29 & 30, 2017

An Introduction to Flexible Cellular Rubber

Akron, OH

April 11, 2017

Tire Safety and Tear Strength

Akron, OH

April 12, 2017

Tire Recycling/Repurposing

Akron, OH

May 9-12, 2017

Intermediate to Advanced Compounding and Testing of Rubber

Akron, OH

May 9, 2017

Essentials of Rubber Technology

Novi, MI

May 9, 2017



Silicone Rubber Chemistry and Technology

Novi, MI

May 10, 2017

Compound Mixing and Consistency

Novi, MI

May 10, 2017

Establishing a Rubber Molding Process

Novi, MI

May 11 & 12, 2017

Applied Rubber Technology

Novi, MI

May 16, 2017

Understanding Raw Materials, the Building Blocks of Rubber Compounding

Cerritos, CA

May 17 & 18, 2017

Compounding for Performance

Cerritos, CA

May 19, 2017

Solving Problems in Rubber Compounding and Processing

Cerritos, CA

May 23, 2017

Chemistry & Technology of Polyurethane Elastomers

Akron, OH

May 24, 2017

Failure Analysis of Rubber & Plastics by Physical and Chemical Analysis

Akron, OH

September 12, 2017

Introduction to Compounding and Testing of Elastomers

Akron, OH

September 13, 2017

Internal Mixers and Mixing Parameters

Akron, OH

September 14, 2017

Molding of Rubber

Akron, OH

September 15, 2017

Introduction to Rubber Bonding

Akron, OH

September 27 & 28, 2017

Design of Experiments



Akron, OH

October 10-12, 2017

Educational Symposium during the International Elastomer Conference

Cleveland, OH

- Material Considerations for Medical Devices and Pharmaceutical Products
- Essentials of Rubber Technology
- Chemistry and Technology of Polymeric Materials Used in Medical Devices
- Silicone Rubber Chemistry and Technology
- Chemistry & Technology of Polyurethane Elastomers
- Compounding Mixing and Consistency
- Establishing a Rubber Molding Process
- Failure Analysis of Rubber & Plastics by Physical and Chemical Analysis
- Chemical Structures and Viscoelasticity of Rubber

Kim Miller to prepare information for Tri-State Elastomer and Plastic companies for benefit of MARPG membership

Membership Director's Report –

Jeff Linn as the new membership chair will be working with the current membership list and will work to increase the membership list.

Member's e mail addresses have been "bouncing" the group will investigate these e mails which have been distributed by Jennifer.

Bob D'Andrea suggested to build a list of potential contacts who may be interested in joining the MAR&PG

PUBLICITY: Jim Gayler

- R&PN published an article addressing the West Technical Symposium
- R&PN has been more responsive for the meetings and events
- Rubber World also advertised for MARPG
- Rubber World notification needs advance notice
- Kim Miller to check with Philadelphia Chapter of SPE regarding joint meetings and will contact Nick DeLuca
- Dilip De agreed to check on composites groups and cross meetings
- Paula McDaniel to contact Lehigh University re Nano Composites meeting

Arrangements: Amy Saha

- Amy will address the arrangements for the upcoming meetings
- Investigate alternate conference venues that may be more economical



Newsletter

Jennifer will be publishing another newsletter targeting the end of January; all the committee chairs should target getting our articles to Jennifer by January 15.

Target date for next Newsletter - end of January .

Scholarship:

Raju Chudamani, Paula McDaniels, Mike Clark

Applications will be sent to the membership by April 15 and the decision will be made by June 20.

2016 Scholarships were be a total of \$ 4,000.

Three scholarships \$2,000, \$1,000 and \$1,000

MAR&PG will have three memorial scholarships:

- The Chris Foley Grossman Memorial Scholarship
- The Don Slowicki Memorial Scholarship
- The Henry Remsberg Memorial Scholarship

For 2017, Scholarship committee agreed July is the cutoff date for mailings applications. The scholarship notice will be posted on web and e-mailed to the membership by the end of June, 2017

2016 winners where:

- Jessica McGowan – top scholarship #1 – Chris Foley Grossman Memorial \$2000
- Logan Tate - #2 – Henry Remsberg Memorial - \$1000
- Kevin D’Andrea - #3 – Don Slowicki Memorial - \$1000

Corporate Contributions: Joe Martin

MAR&PG \$ 250.00 Corporate Contributors for 2016 YTD 12/8/16

Company	Years	Representative	
HM Royal Inc	26	Joe Royal	Check \$ 250
West Pharmaceutical Services	36	Amy Saha	Check * \$1,000
Solvay Specialty Polymers	16	Joe Martin	cc \$250

Total YTD 2016 \$ 1,500.00

Joe Martin
2016 Solicitations Committee



Education & Future Technical Meetings:

Spring Tech Meeting Target date: May 11, 2017

Possible location: ASTM center. R Campbell to contact GT ASTM member for contact.

Theme: Collaborative testing or Compounding and testing rubber and plastic blends

Fall Tech Meeting Target date: Sept 14, 2017

Possible location: Double Tree at King of Prussia, PA

Possible Themes: Nano, Nano or Regulatory, Regulatory

or others plus Oktoberfest showcase (Charge per table discussed?)

Educational Symposium Target date: Nov 16, 2017

November 16, 2017 will be the target date for the Education Seminar at Lehigh University- or Drexler University, Paula or Kim will contact and schedule

Web Site:

Jennifer Reinford

Website Development Update

- E mails need to be updated there are a number of bounced email addresses (97) that need to be managed.
- Reasons for the bounce types are defined
- Many of these can be corrected by asking recipients to add the email address to their "safe sender" list or by asking them to check with their IT department to be, the majority are with Greene Tweed and Chemprene
 - o Dilip De will follow up with Greene Tweet IT department
 - o Jeff Linn will follow up with Tom at Chemprene
- The list has been emailed to all board members
- Contact the ACS division requesting they will email their contact list the MAR&PG announcements
- Symposium presentations have been updated to the web page
- Future dates will be listed on the webpage



- Jennifer will try and develop the Facebook page that has been started and will be advertised to the membership FB - MidAtlantic Rubber and Plastic Group

<https://www.facebook.com/midatlanticrpg/>

Something Old -Something New:

Golf Outing for 2017 with Philly SPE

Historian- Dick Grossman – passages

Student Chapter –

Kim has been in contact with Christie Robinson at the ACS division, Penn State, Lehigh, Drexel and University of Delaware would be options - a first step would be to meet with department heads or professors at these Universities

New Business:

The American Chemical Society is trying to bolster the attendance and activity within the group. Kim Dempsey Miller's is the champion for developing strategic partnerships

- Free memberships
- Next Board meeting schedule a conference call February 16

Meeting was adjourned 5:25 PM

Respectfully submitted,
Joe Martin, MARPG Secretary