

**ROCKY MOUNTAIN MASTER MECHANICS ASSOCIATION  
PLANT EQUIPMENT  
MEETING NOTICE**

Location: Holiday Inn – Sheridan Wyoming

**Date:** May 5<sup>th</sup> and 6<sup>th</sup>, 2011

Thursday: Break refreshments sponsored by Hose Power. Lunch provided by Komatsu

Friday: Break refreshments sponsored by Oil Analysis Lab, Inc

**Thursday, May 5<sup>th</sup>, 2011**

6:00am - 7:45am Registration. Dues are \$40.00 per member

7:45am – 8:30am Introduction of members and business session of meeting.

Safety Share – Mick Velder – Hearing protection

Six \$1000.00 dollar scholarships rewarded

Trapper Rieniets – Gillette, Wyo. – Machinist

Austin Smith – Zap ND. – Electrical

Nathaniel Tryon – Gillette, Wyo. – Engineer

Lucas Schaaf – Glenville, ND. – Elec. Engineer

Seth Johnson – Moorcroft, Wyo. – Electrical

Brian Alderin – Center, ND. – Diesel Mech.

Website: [www.rmma.org](http://www.rmma.org)

Next meeting Dec 8<sup>th</sup> and 9<sup>th</sup> 2011 – Rapid City Holiday Inn

May meeting May 3<sup>rd</sup> and 4<sup>th</sup> 2012 – Sheridan Holiday Inn

8:30am - 8:45am Break

8:45am – 9:30am

**Donaldson Filtration**

Scott Grossbauer [scott.grossbauer@donaldson.com](mailto:scott.grossbauer@donaldson.com)

Ph: 952-887-3168 Cell: 612-578-7612

Greg Myers [greg.myers@donaldson.com](mailto:greg.myers@donaldson.com)

Ph: 503-908-0041 Cell: 503-957-2681

**Bulk filter distribution**

E-mail Scott Grossbauer for a copy of the power point and or other information.

Q – Fuel filters on the engine is black what is causing this

A – Probably fuel degradation high to low pressures or dieseling, probably not electrostatic discharge.

Q – Is cat oil burn systems have a problem with your filters?

A - Media not normally but the oil probably will be as clean as fuels.

Q - Do you offer anything that will coalesce water?

A – Yes we have filters that will absorb water like a diaper but they plug up quickly.

Q – Are people are complaining about plugging of filters due to additive plugging?

A – We are seeing it in the bulk tank but blaming the vehicle filter, due to cold weather separating the additive from the fuel, try to mitigate with bulk filter application.

9:30am – 9:45am Break, Plant Breaks Out

9:45am – 11:15am

**Open discussion**

-New Vice chairman for the plant side - Mike Lucy

-Safety share – primary cutter on a sample system crushed and employee’s hard hat.

Watch the lock out tag out

-Kidney loop systems

-Filter carts designated to each product

-VFDS on apron feeders most everyone else uses hydraulic systems. R+W torque limiters for

-Protection for gearboxes with VFDS Voith hydraulic couplings between the VFD to the gearbox

- Conductix electrostatic couplers
- Steel cable belts what you use for protection.  
Some use rip detection, some cable monitoring systems some nothing just keep an eye on it.
- On line analyzers
- Spray topper
- hydraulic cylinder repair  
Brake supply, Bighorn hydraulics, spencer, and crown
- Next meeting presentations
- Wash down systems
- Skirting and dust prevention
- Dustless transfers
- ash analyzers (Energy Technologies Inc. - David Swindell)
- topper systems
- Coal packers.
- Brake supply – hydraulic cylinders - Tim Brown - [tbrown@brake.com](mailto:tbrown@brake.com)
- Pepco (Dave Finke)
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11:15am - 11:20am Break

**11:20am –12:00pm X Ergon**  
 Matt Aley [glacierprod@aol.com](mailto:glacierprod@aol.com)  
 Ph: 406-690-4793 Cell: 406-861-1413

Megacrete and Megacrete fast cure.  
 Salvage II rust encapsulator and metal topcoating  
 Glow in the dark signs and strips  
 Q – What is the prep for Megacrete?  
 A – Pressure wash and let dry.

12:00pm - 1:00pm Lunch

1:00pm – 2:00 pm **MSHA**

**Rules to live by:**

- Lockout tag out
- Block against motion
- Fall protection
- Seat belts \*
- Damaged welding leads
- Equipment maintenance
- Accumulations with ignition source
- Fire extinguisher maintenance
- Aerosols can maintenance, keep the cap on.
- New dust initiative
- Talked about welding shields

2:00pm – 2:15 pm Break

**2:00pm – 2:45pm Rivers Consulting**  
 Gerry Lynskey [glynskey@riverconsulting.com](mailto:glynskey@riverconsulting.com)  
 Ph: 614-797-2422 Cell: 740-816-3107  
 Brian Allmaras [ballmaras@riverconsulting.com](mailto:ballmaras@riverconsulting.com)  
 Ph: 614-314-2434 Cell: 614-314-8734

**Architect and Engineering: (Brian Allmaras)**

- Rockwell solutions provider
- Arch flash information
- Coal Blending
- Automation systems

Q - During an arch flash study do you just give safety information?

A – Arch flash study will give you all the information you're looking for, once you do it once you're good to go unless you add a lot of equipment

**Silo Design:** (Gerry Lynskey)

Q – What are some of the catastrophic failures you witnessed?

A – Complete tin can failure of the silo, large cracks due to lack of support.

3:00pm – 3:30pm

**Martin Engineering**

Richard Shields [richards@martin-eng.com](mailto:richards@martin-eng.com)

Ph: 303-838-5298 Cell: 970-261-7956

**Martin Engineering information:**

Any needed information contact Interstate Bearing Gillette or Billings

Foundations 4 Class

Idler Aligner

Safety Guarding

EVO conveyor guards

Return idler guarding

3:40pm - 3:50pm

Break

3:50pm - 4:30pm

**Fenner Dunlop**

Ken Schweitzer [ken.schweitzer@fennerdunlop.com](mailto:ken.schweitzer@fennerdunlop.com)

Ph: 307-682-2529 Cell: 307-660-7028

**Classic Conveyor Components:**

Engineering

Tube conveyor

Idlers

Q - Do they manufacture pulleys?

A – Not yet but looking into them

Q – Do they manufacture training idlers?

A – Yes they do

4:30pm

Adjourn

6:00pm

Social Hour

7:00pm

Dinner

Please take the time to thank the Suppliers group, as they have provided our social hour, dinner.

**Friday, May 6<sup>th</sup>, 2011**

8:00am - 9:00am

**Open discussion**

Send out Multi meter information (MSA Solaris is what Spring Creek is currently using, from Norco formally Gasses Plus.)

Elevator service – Otis elevator (800-233-6847), Champion elevator

9:00am - 9:15am

Break

9:15am -10:15am

Rexnord ([jim.miller@rexnord.com](mailto:jim.miller@rexnord.com)) Falk V-Class Drives

Chris Q. Gayle [chris.gayle@rexnord.com](mailto:chris.gayle@rexnord.com)

Ph: 303-522-9727 Cell: 303-522-9727

Motion industries

Kenny Lazarus

Ph: 307-682-6821 Cell: 307-689-8137

**Breakthrough Improvements:**

V- Class Gearbox

Q – Is the shaft carbide?

A – Yes they are

Q – Do you have a site glass for your bearings to inspect for pre-lube?

A – No

Q - Did you make the inspection holes bigger?

A – Yes we did

Q – what weight oil for this gear boe

A – EP 220 – EP 320

New Colling Option – Duraplate

Q – this gearbox comes in different sizes?

A – yes it does.

Falk has a brand new rebuild facility in Salt Lake City.

Q – on your big boxes what is the variation of horse power

A – up to 2000 horse on the size that is out now and up to 15000 for the big series.

10.15am -10:30am

Break

10:30am -11:15am

Loctite

Dane Hancuff [dane.hancuff@us.henkel.com](mailto:dane.hancuff@us.henkel.com)

Ph: 801-262-0258 Cell: 801-560-9554

Fairmont Supply

Zeke Mader [zekemader@fairmontsupply.com](mailto:zekemader@fairmontsupply.com)

Ph: 307-686-2400 Cell: 307-680-5962

### **Maintenance Solutions:**

Q - What do you have for hydraulic systems?

A – Loctite 5254 has a high temp application

Q – On the belt repair is there a shelve life

A – 18 months

11:15am

Adjourn

**Remember** to have your notes ready for the open meeting sessions. Too many people have problems that can be addressed, but don't recall them at the meetings, so it can be effective to write down your problems, questions, etc in the time prior to attending these meetings ...