



The Line Shaft

The Official Newsletter of the

NORTH JERSEY ANTIQUE ENGINE & MACHINE CLUB

March 2018



President: Blace Flatt

973/229-8607

Our Web Address: njaemc.org

Vice Pres: Andrew Mackey

862/432-1552

Treasurer: Paul Bouscaren

201/602-0273

Secretary: Mary Muys

973/534-6781

Founded on October 15th, 1979 by: Arthur Goble, Fred W. Westbrook, John Snook, Roy Bischoff & Lewis Quince

The February 8th meeting was held at the Administration Building with 31 members attending.

Blace welcomed everyone to the meeting. Mary Muys reviewed the meeting notes from January's meeting.

Paul Boucaren gave the Treasure's report and noted that a copy of the detailed report is with the President & Secretary. Paul also stated that the NJ State License is due for renewal in March and reviewed the monthly bills to be paid. The membership approved the renewal and bill payments.

Kevin Adams reported that the Sussex County St. Patrick's parade is being held in Newton on March 17th, starts at 11:30 and he wanted to know if anyone was interested. There was a show of hands and about 10 members are going to the parade.

Chuck Klim mentioned that his wife Linda suggested we raffle off an "American Doll" at this years State Fair, which is popular among little girls, and she would make a few outfits to go with the doll. The raffle will be \$1 per ticket and we will have to purchase another raffle license. All members were in favor of the American Doll to be raffled off at the Fair this year.

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Sussex County St. Patrick's Day Parade

Saturday, March 17th at 11:30AM - Spring Street Newton, NJ

We are planning on attending with tractors, carts etc. (subject to weather) If you are interested in participating, contact Kevin Adams ASAP at:

973/819-93330—kadam3047@aol.com



2018 Membership Dues are Due!

If your dues are not paid by March 15th, this will be your "LAST" newsletter!

Our next meeting will be at 7 PM on March 8th at the Administration Building!

67 Branchville Lawson Rd., Newton NJ 07860

Continued from Page 1 Dave Betts said he looked into the cash register (a discussion topic at the last two meetings) and for under \$100 he can get one that can handle 8 separate departments and...he will bring it to the club meetings a few times so members can understand how to use it before the fair. Members voted and all accepted for Dave to go ahead and purchase the register for the club.

Blase brought up that we will be needing new tee shirts and hats this year, so now is the time to change our logo (round part with club name) and / or change the graphics (photo inside the logo). Dave Betts and Mary Muys agreed to look into different options for changing our current design. Blase said we will hold off on selling coffee cups this year. Chuck Klim will get the tractor this year again for the club to raffle off at the fair.

Membership should note, the above 3 items are all State Fair items and we are getting a big jump on Fair projects and problems this year!

Bob Triebel mentioned that Kevin Hendershot is doing a great job in getting the sponsor carts renewed this year. All sponsors have recommitted to going forward for 2018, half have paid already and we have a sponsor that would like an additional cart if we will build it. Per Blase, we have most of the materials necessary to build an 8th cart and he urged Kevin and Bob to firm it up with the sponsor. Note: within a couple of days of the meeting Rudy Solar agreed to sponsor the new cart for **Newton Auto Body**, the sign is being made and cart construction is about to start.

Chuck Lange brought over his trailer (a topic from last meeting) and it appears to be in great shape. We just have to redo some of the wiring and get a new tongue jack stand for it.

1966: in an advancement still used today, John Deere introduced the first commercially available Roll Over Protection Structure (ROPS)...later releasing the patent to the industry without a charge!



A Roll Over Protection Structure refers to any operator compartment structure (usually cabs, canopies or roll -bars) intended to protect equipment operators of mobile machinery from death and to reduce injuries caused by overturns or rollovers. A ROPS structure must support at least twice the weight of the piece of machinery.



OSHA would eventually set the standards and performance criteria of these structures and it became a requirement on mobile construction machinery manufactured on or after September 1st 1972 with retrofits necessary on machines built after July 1st 1969. MSHA followed in 1974, using similar guidelines.

The regulation on agricultural tractors over 20 HP was mandated as of October 25th 1976, with no retrofits needed. A seat belt was and is required with all ROPS equipped machinery.

Long before it became mandatory, many equipment manufacturers had already made ROPS structures and seat belts standard safety equipment on their products.

The onus has always remained with the end-user to maintain the integrity of the ROPS and repair (using specific engineered guidelines) or replace immediately if damaged in any way.

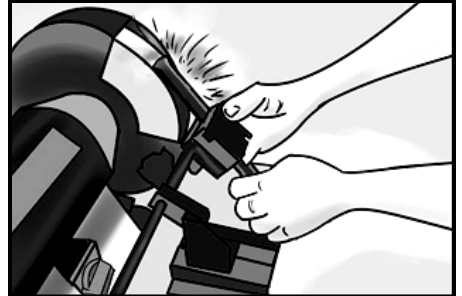
Tractor roll-overs are the single deadliest type of injury incident on farms in the USA.

The info in this article was provided by club member John Regan!

Eye Injury & Protection

Most people are aware of the insidious eye damage welding radiation and chemical fumes can cause, and take the necessary precautions against them...however metal and various other flying particles “striking the eye” is still the most common source of eye injury!

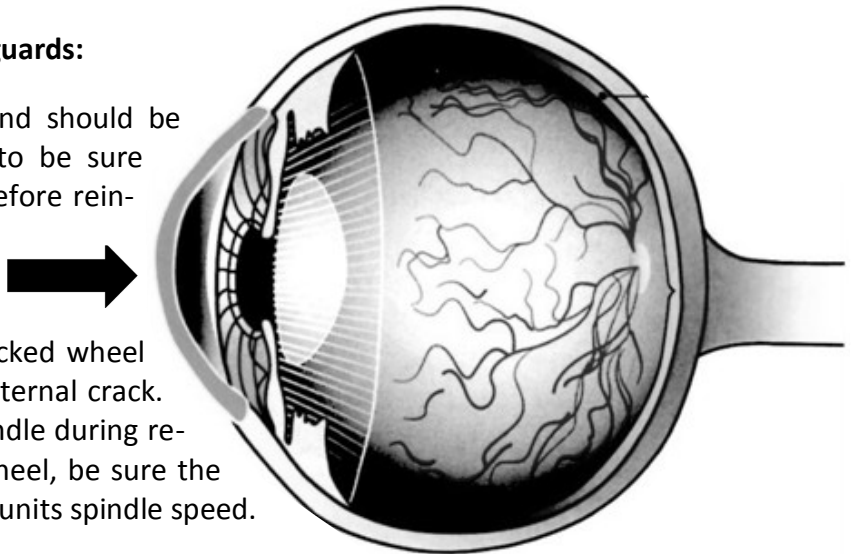
Both for-profit and home repair shops are often full of sparks flying from cutting torches and airborne pieces of metal launched from tools, i.e. bench and hand-held grinders, wire-wheels/brushes, chippers, hammers, chisels and punches etc. Unfortunately, many people rely on nothing more than their eyelids for protection. Personal protective eye-wear, such as goggles, safety glasses (with side-shields) or full face shields must be used in these area's, indoors or out, and whenever these type of tools are in use by yourself or “others”.



As one of the most important and sensitive organs in the human body, the eyes are particularly susceptible to injury...and at times would almost appear to be magnets for flying particles. Even the most experienced and safety-conscious person can sustain an eye injury.

Tool Maintenance...#1 rule, remove NO guards:

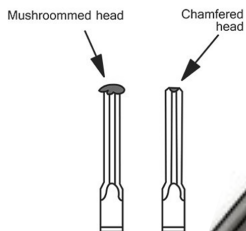
Grinding wheels/stones can explode, and should be removed yearly and visually inspected to be sure they are free from cracks and defects. Before re-installing the wheel it should be tapped gently with a light non-metallic tool or instrument. A good wheel will give off a clear metallic tone or “ring”, while a cracked wheel will sound dull and dead, indicating an internal crack. Do not over-tighten the wheel to the spindle during re-installation and when installing a new wheel, be sure the RPM rating matches or is in-excess of the units spindle speed.



Hand held disc grinders and wire-brushes require regular inspection.

The grinding wheels can crack and fly apart and the brushes are notorious for throwing-off wires. Both should be regularly replaced...old is not good!

Punches and chisels need to be dressed and sharpened regularly. Unbelievably, many people sharpen their tools, but never quite get around to the impact end. A mushroomed head indicates



an older tool, probably a cheapy made from low-grade steel, with the cutting or working end heat treated. Simple grinding will make the tool re-usable and safe, but a minor trick is to heat the area (after re-dressing) till it glows red and plunge it into oil. It will now be substantially harder and less likely to mushroom.

If an eye accident occurs, flush the eye with water and see an eye doctor ASAP. Do not attempt to self medicate, remove any object that is stuck in the eye, apply ointments, or even rub you eye. Doing so may worsen the injury.

NJAE&MC - Upcoming Events

Sussex County St. Patrick's Day Parade

Event coordinator: Kevin Adams 973/819-9330

March 17th in Newton NJ

Spring Plow Days

Event coordinator: Chuck Klim 973/903-3583

Date & Location to be announced

MTA Swap Meet & Military Vehicle Show

Event coordinator: to be announced

4/21-22/18 at the Fairgrounds

Branchville Memorial Day Parade

Event coordinator: to be announced

Date & Location to be announced

Lafayette Day/Car, Truck & Equipment Show

Event coordinator: to be announced

Date & Location to be announced

Sparta 4th of July Parade

Event coordinator: to be announced

Date & Location to be announced

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