



Cedar Valley Woodworkers

Cedar Valley Woodworkers Association

Volume I11, Issue 4

Woodcraft

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By Knief

April 2011



Gene Knief
President

Inside This Issue	
Presidents Article	1 &2
The Oak Bulletin Board	3
For Sale	3
Minutes	4-5
Presentation	5
Mentors and Services	6
Sponsors	7
Officers and Committee Members	7

April 2011 News Letter Article

I have read a number of articles about how to take care of your cordless tool batteries recently and some seemed to give mixed signals. I recently saw the information below on an e-mail from Kreg and thought I would pass it along. Since batteries are not a cheap item in the shop, keeping them working for us by knowing the do's and don'ts seems a good idea. The section on rebuild – don't re-buy is interesting. If anyone knows where someone can re-build batteries locally, please let me know.

Don't wear it down. Well, sometimes.

NiCAD batteries should be fully discharged and fully charged at least once every few weeks to guard against the 'memory effect' which can reduce your battery's capacity over time. LiON batteries on the other hand generally perform best if they're seldom discharged fully.

Use a 'Smart' Charger

Cheap chargers will over-charge and over-heat a battery if it's left plugged in. Smart chargers on the other hand feature something called a maintenance mode which it switches to once the battery is full, preventing further charging.

Avoid Long-Term Storage

Anyone who's ever tried to start a car after a long time in storage knows what happens to batteries if they go for an extended time without being charged/

used. Failure to occasionally charge, use, and recharge your battery will lead to a shorter battery life.

Keep it Clean

Battery powered drills you use for Kreg Joinery™ will inevitably get dirty, dusty, and hot. To ensure that the battery connections are kept clean, wipe them down occasionally with alcohol and cotton swabs to ensure proper functionality and a longer battery life.

H²Ohhh No!

Although most would consider it 'common sense,' it's important to realize that exposing your cordless power tools to moisture including rain and even high humidity can be a major problem. Take steps to avoid such conditions, and if it happens – be sure to wipe any excess moisture off of your tool as soon as possible.

Keep It Cool

If water is a battery's biggest enemy, then heat is its evil sidekick. When storing your power tool batteries, be sure to store them in a dry, cool, clean place away from heat.

Cut Your Losses

When you're not using your tool for an extended period of time, don't leave your batteries connected. Should a battery cell ever short out and leak, it could cause significant damage to the tool.

(cont'd on page 2)

All Batteries Aren't Created Equal

NiCAD – Currently the most cost-effective battery chemistry available. Ideal for people who need affordability, high performance, complete functionality in exceedingly high and low temperatures. Main drawback is it's susceptibility to the 'memory effect.'

NiMH – Reduced memory effect, increased capacity and longer operation time than NiCAD, but less performance/functionality in temperature extremes.

LiON – Excellent power-to-weight ratio, long-lasting, relatively expensive, does not suffer from 'memory effect'. Increased potential performance/functionality loss in temperature extremes

Rebuild, Don't Re-buy

When your power tool battery begins to lose power or capacity, you might think it's time to replace it completely. But hold on, often times there are services available for your particular manufactured battery that will replace the smaller cells in your battery with new ones for the fraction of the price of buying new. Do your research before making another trip to the store!

Recycle

When your cordless tool batteries are worn out, don't throw them away. Recycle them. Visit www.RBRC.com to find out how.

(Editors Note: The following has been gleaned from comments made at my place of employment, opinions expressed are my own and reflect my own experience)

NiCAD v LiON: Most contractors use NiCad because that is what they are familiar with and they can't waste time getting used to the new characteristics of the new batteries. In part this is due to the claims made by manufactures, they are lighter but performance increases in battery life and power seem to be over sold. Then one attribute that will make the change cost effective is the greater number of charges the LiON batteries will take. This has not been established given the short length of time the LiON batteries have been on the market..

We really only have ourselves to blame for the development of the LiON battery for power tools low recycle rates and the negative impact on the environment of the NiCAD batteries forced manufacturers to seek new alternatives. In addition there have been rumblings that the government may force the premature exit of the NiCAD for the reasons stated above.

On the plus side since their introduction R&D has continued at a fast pace. The batteries of at least one company are said to perform well at 0 degrees F which is a significant improvement. Additionally LiON batteries are directly responsible for the new wave of 12v power tools.

Rebuilding: There is no date on this article therefore the information may be dated. It has been my experience that rebuilding yields mixed results, it costs about 20% less than new batteries but the parts used may not be up to OEM standards reducing the life of the rebuild. Additionally there are two rebuild facilities in Cedar Rapids Interstate Batteries and South side or South town electric, Also there is one in Marshalltown Blink Electric. If any of the members would like to comment on their experiences e-mail address is ljwikle@msn.com.

Other Notes:

Kevin Bierman Hello all,
The Corridor Wood turners now have a website that is up and operational. It can be accessed at corridorturners.org

Dave Turner: Members,

I have someone who might be interested in purchasing a Powermatic (or equivalent) high-end lathe –slightly used or gently used. Let me know if you know of someone that is interested in selling his/hers.

Dave Turner

Thank you.

319-822-9231

C. 319-240-9977

www.deturner@mchsi.com



For sale
 Hawk 26 inch scroll saw, stand, variable speed motor, blower and foot switch
 \$600
 Pat Vollbrecht
 319-404-0644

For Sale
 6" jointer, \$225.00.
 Contact: Tom Bussey
 641-435-4354 or email:
tebussey@gmail.com

For Sale
 Shopsmith 520 with a lot of accessories
 Contact Terry Duckworth
 319-233-3150

For Sale
 Older Wood Lathe
 Older 30" Excalibur scroll Saw
Contact
 Gary Thurm 319-231-4577

For Sale
 1961 Dewalt Radial Arm Saw
 Contact Bill Fee
 319-266-9365 or e-mail
bjfee@cfu.net

For sale
Craftsman oscillating drum sander.
 Asking 120.00.
 Bill & Becky Neal
 641-435-4482 641-330-1424 cell

Dewalt 682 type 1 plate jointer complete with case and manual. very good condition \$85.00
 Contact Bob Colby at 268-0883

The Oak Bulletin Board

The regular CVWA Meeting Will be held at the Waterloo Center for the Arts 225 Commercial at 6:30 PM Tuesday April 12, 2011

The next Executive Board meeting will be April 20, 2011 at 7:00 PM Hy-Vee Crossroads meeting room.

Scroll saw club meeting , will be held on Thursday

April 28, 2011 at 6:00 PM at Art Mehman 's shop in Plainfield.

Corridor Wood turners meeting Thursday April 14, 2011 at Leisure Living Construction 2700 Stonegate CT Cedar Rapids.

CVWA Club Meeting- March 8, 2011

The CVWA meeting was held at the Waterloo Art Center at 6:30 p.m. with President Gene Knief presiding. A welcome was given to everyone including our two guests, Michael Fox and Mrs. Terry Duckworth. President Knief announced the scrollsaw meeting for this month would be March 24th at 6:00 p.m. at Art Mehman's and the executive meeting for CVWA will be March 16th at Crossroad's HyVee upstairs meeting room at 7:00 p.m. He reminded that yearly dues need to be taken care of and the benefits of being a CVWA member. **Businesses that give discounts** are Hartville Tools, ACME Tools Cedar Rapids, Woodsmith in Des Moines, Sherwin Williams, Pittsburgh Paints and Glenn's Sharpening. Handouts with prices were available for Glenn's Sharpening. If you didn't pick one up ask Glenn for one or one of the board members. Robert Jefferson mentioned that Veterans receive 10% discount from Lowe's and Home Depot. There are some restrictions with the home improvement stores. Other business was the 2nd Vice President position is still open. There are two (2) club t-shirts size medium. Ask a board member if interested. Also, more business cards and club brochures are available to give to prospective members. It was announced that there is apple wood available to woodworkers and turners. Call Wanda Bailey for the contact. (Robert Jefferson said that Cherry wood gets a fungus on it for identification) Tool Raffle was won by Ed Scott who chose the Grizzly 8" Digital Calipers and the lucky 2nd winner was Bart Bergquist who chose the pipe clamps. Congrats you two!! We want to thank the people who provided treats and coffee for the meeting. They are Mike Varco, Harold Morrow, Robert Gruver, Del Schaffer and Don Gurney. We also want to thank Keith Bock who brought bags of clean rags for the taking. We appreciate it very much!

Show-n-Tell---

Bob Glawe- Intarsia Eagle
 Reed Craft- Hickory Coat Rack for Cattle Congress
 Terry Duckworth- Carved Horse using the Carve Wright machine
 Sid Sidler- Scrollsaw Baskets / mentioned that he

purchased the Rockler Wall Mount dust collector and likes it
 Pat Vollbrecht- Bucket Dust Collector
 Mark Jansen- Shaper Cutter
 Marvin Widdle- Clamping Jig
 Robert Renz- Sheliz Cutter Head/ no tear outs in highly figured woods

Robert Renz mentioned two websites that he used to try and find the correct part number to order the cutter head. **The websites are www.ereplacementparts.com and www.acetoolrepair.com** These two sites cover parts for almost all brands of hand tools and woodworking machines. Also, the address and website for Byrd who makes the Sheliz Cutter heads is Byrd Tool Corp. 502 Johnson Street Leitchfield, KY 42754 or website is **www.byrdtool.com**. Thanks Robert for this helpful info!!

The presentation for the evening was Greg Crom with the Cedar Falls Sherwin-Williams. He shared his expertise on using dyes and stains. Greg will help do custom stains just call the Cedar Falls store. He passed around samples of different woods with different techniques used. One was using yellow dye with a wiping cinnamon stain over top. The result brought a glow to the wood and the wood grain really popped. He had lots of ideas. Thanks for a great program Greg.

Respectfully Submitted, Wanda Bailey /
 Secretary
CVWA Executive Meeting- March 16, 2011

The executive meeting was held at the Crossroads HyVee meeting room at 7:00 p.m. on March 16, 2011. Those present were Bob Anderson, Dennis Gilroy, Gene Knief, Hank Morris, Reed Craft, Bob Hewlitt, Dave Turner, Pat Vollbrecht, and Wanda Bailey. The treasurer's report was given, corrected and filed. The membership status stands at 87 at this time. Much time was spent on reviewing demos and field trip ideas for the year. Dennis Gilroy talked about the upcoming yearly picnic and shop tours. The vacancy of 2nd Vice President was discussed. The board agreed to pay for sanding down the cutting boards from HyVee in letting the executive meeting to be held in the upstairs meeting room each month. The 2X4 Contest was postponed for this year due to the lack of participation. Pat Vollbrecht mentioned and sent out mass email of the closing of

(Continued on page 5)

Omega Cabinets discount place. Plans for a bench for HyVee are in the works so this project can be completed. Dave Turner suggested that napkins, paper plates and possibly a roll of paper towels be purchased for refreshment time at the regular meeting.

Respectfully Submitted, Wanda Bailey / Secretary

Cedar Valley Woodworkers

Treasures Report March 16, 2011

Beginning Balance		2715.31
Income:		
Dues for March	100.00	
Raffle	100.00	
Dividends	.21	
T shirts	<u>12.00</u>	
		212.21
Expenses:		
2423 Betty Vollbrecht-Tools	64.00	
2424 Barb Gurney-cups	<u>4.33</u>	
		68.33
Ending Balance		2859.75
Office Fund	2347.39	
Tool Fund	512.36	
Ending Balance		2859.75

This months Demonstration
Greg Crom
Discussing various types of finishes
Sherwin Williams provides



Due to technical problems there are no show and tell pictures.
editor

List of Mentors for Club Members. I believe the mentor's time is free, but the person being mentored is expected to cover any material costs.

Canoe/Kayak construction, Chip Schmidt, 277-8504, cschmidt@cfu.net

Detailed Toys, Bob Anderson, 232-9813, wtoys@yahoo.com

Jack of all trades (enjoys a Challenge), Hank Morris, 235-0692, hankannam@aol.com

Has the Ability to figure MOST problems out—Dick Buchanan, 277-2477, rbuchanan@cfu.net

Intarsia, Pat Vollbrecht, 232-1923, patV35@mchsi.com

Fretwork, Garylee Thurm, 279-3219, flytying4u@hotmail.com

Cabinet making, Tom Bussey, 641-435-4354, tebussey@gmail.com

Wood carving, Sid Sidler, 233-1396, sidsstudio@aol.com

Furniture and cabinet building, Jerry Krug, 475-2391, jkrug@netins.net

Equipment Maintenance and repair Bob Colby

Classes and Services for Pay by Fellow Club Members

Sharpening services by Glenn Johnson, 641-435-2511

Sharpening Stone Sales Gary Lee Thurm 319-231-4577

NEW PATTERN TEMPLATE LIBRARY

Your executive board has developed a new loaner program that might be of interest to each of you. Though the contribution of several different individuals the following full size templates are available for check-out by club members:

Nativity set:

Rocking horse:

Two different doll cradles

Should any of you have a pattern template set that your willing to share, call a board member!

Please remember to patronize our Sponsors!

** Member ID required for discounts



Woodsmith Store**
 10320 Hickman Road
 Clive, IA 50235
 515-254-9494 or
 1-800-835-5084

****501 West 1st Avenue
 Durant, Iowa 52747-9729
 800-344-6657**

10% Club Discount
www.hartvilletool.com
**Contact Pat Vollbrecht for
 Details:319-232-1923**

Pittsburgh Paints
 528 West 5th St.
 Waterloo, IA 50701
 319-234-1739

Glenn's Sharpening
 32446 Floyd Line St,
 Nashua
 641-435-2511

Sherwin Willams
 5212 University Ave,
 Cedar Falls
**Offers club members a
 Scheduled discount**
 319-277-1034

Acme Tools **
 1943 Blairs Ferry Rd.
 Cedar Rapids
 319-363-2211

Officers and Committee Members

Elected Committee Members

President	Gene Knief	Committee Member	Dave Turner
1st Vice President	Rick Ruport	Committee Member	Reed Craft
2nd Vice President		Committee Member	Hank Morris
Secretary	Wanda Bailey	Committee Member	Robert Hewlitt
Treasurer	Paul Bailey	Committee Member	Dennis Gilroy

Appointed Committee Members

Committee Member	Pat Vollbrecht	Club photographer	John Mason/Bob Glawe
Committee Member	Jeanine Begalske	Refreshment Chairman	Bob Anderson
		Newsletter	Jim Wikle