

Department Reports for February 2022



Ed Eich, Manager



Assistant Mgr.

Stained Glass

Wow! Both shops are busy creating!

The Rolling Acres Friday Glassers have had a full studio this month.

The Brownwood Monday Glassers started their courses on January 17th, and the group is growing every week.

Each shop has various projects in all shapes, sizes and colors being created by our members.

Courses are scheduled so you can work at your own pace and level of skill.

There is always room for new artists to learn this craft, so stop in and see what we are making, and join us in the fun!



Website

Hans Zassenhaus, Manager

No report this month.

If you have an idea of how to improve the website please send your suggestions to woodshop@thevwc.org.

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Administration – Front Office

Kathy Villani, Manager

Our newest staff members, Lynne Barta, Susana Esposito, and Virg Murphy, are finishing up their training and will be working on their own at the front desk soon. They have done an outstanding job during their training and we're very pleased that they have volunteered their time to work at the desk. We have another 3 new staff members scheduled for training at the end of February – Elena Prince, Martin Roewers, and John Scott. We look forward to having you join us, too.

With new member certifications now taking place at Brownwood, our new members are coming to the Brownwood shop to join the VWC. Thank you to Bill Overholt for taking on the job of preparing the new member packets that are given to the new members when they join.

Those members who have purchased CorelDraw software over the years have discovered that their copies no longer work. Corel has attempted to consolidate our licenses into a single license and it has not been a smooth process. Thanks to Lowell Sundermann, Dave Makarewicz, and Gary Pett, the difficulties encountered have been resolved and new documentation is being prepared for members to re-install their software. Thank you also to Dave's E601 Laser class on 2/9/22 for being our "beta test" for the new instructions. It was a tough day for many of the students (and instructors) but worth the effort to get us back on track with CorelDraw. New installation instructions will be emailed to those members holding a VWC CorelDraw license shortly.

A reminder to all members – when you write a check to the VWC, PLEASE be sure that the numeric amount and the English amount agree, are for the correct amount of the sale and that all data written on the check are in the

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correct fields. The bank will not accept checks with cross-outs even if they are initialed. If the numeric and English amounts do not agree, the bank will only accept the English amount which may be more than you intended to pay. Also, please write clearly so that the bank does not reject the check because they cannot read the amount. Our front desk staff will look at your check to be sure it is written correctly and clearly and ask you for a new check in the event one is written incorrectly. Thank you for your attention and cooperation in this matter.



Member Merchandise

Steve Eikenberry

No Report this month



Education

Deb Larouere

Happy Valentine's Day!

Spread a little love with that sawdust!

You've seen it. We all have. Members who are walking on the **daring side of the blade.**

Often, they're newbies, who could **really** benefit from a class. Or just a practice session with a Mentor. Or a demonstration in a Skill Clinic. Or even a **"Whoa! Hand me the Band-Aids!"** from a good friend. You get it. (Wish we had more of **all** of those. Wink. Wink!) I hope that you are, and you have that kind of Friend! (I'm thanking my Friends, right now!)

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I don't think people want to bleed. Or shoot wood or sharp objects at others. Or wreck their own project. Or break 'our' stuff. Maybe they are distracted or just don't care at that moment, or they forgot what they were told at Certification. But I don't think they WANT to be famous as "THAT guy."

So spread a little love, please.

If you've got skills and an hour or two or ten, our new woodworkers really need some friends. We can find your best spot to help. And you know we need help. We can't let the current Instructors and Mentors burn out.

If you are learning, remember that it's a participation sport. You need to do your part too. It requires repeated practice with a good Coach. Make some friends! Make it a pleasure to help you. When a skilled Member stops you to give advice, listen. Get a 2nd or 3rd opinion if you wish. There are lots of those – and they are free! (There are also lots of free videos of our equipment on OUR website!) Show some love to your Instructors and Mentors.

Oh, and if you broke it, it will be okay. Bust happens! But your dues probably don't cover that. See Brad. If he's not your friend yet, he will be.

Class Stats 2022 to date:

More than 458 spots offered (most taken)

153 Sections over 53 different Courses, some TBD One-on-One

41 Instructors - **Can you be one?**

P Zero to P11 Wall Shelf/Alternate to P100 Sequence

38 Students completed the sequence since May 2021

20 in progress now

23 on the waitlist

27 Mentors active – **Can you help one student?**



IT (Information Technology)

Bill Pappas

Same request as last month, could use some help!

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The IT Group is looking for some help, we need a person that has some PC Support experience to handle hands on tasks at the Rolling Acres location. If you are interested in this volunteer position and have PC support experience please email bpappas@thevwc.net.



Lumber

Stephen Yovan, Manager and Chairman of the Board

Species of the month...Birch

Characteristics.... Color: The heartwood is creamy white, often with a brownish center core. It is straight grained with a fine even texture and can have an attractive natural figure. Typical dry weight is 39 pounds per cubic foot with a specific gravity of .62.

Properties.... Birch is a heavy wood that has quite a good bending classification with medium strength for crushing and resistance to shock loads. It's steam bending category is moderately low and its stiffness is low. It has a moderate blunting effect on cutters and works well with machine and hand tools. It could chip and tear on planing, so a reduced cutting angle is advised. Pre-boring is advised for nailing and screwing. It glues well if care is taken. It also polishes well, and takes dyes and clear stains better than heavy pigmented finishes.

Seasoning.... It air dries slowly with little degradation, but extractives can cause brownish stains. It shows very little movement in service.

Durability... Paper birch has little natural resistance to decay. The sapwood is permeable for preservative application, but the heartwood is fairly resistant to treatment.

Typical uses... fine furniture, office furniture, rustic furniture and paneling. It is used widely for turnery such as spools, dolls, domestic ware and toys. It is also used for boxes and crates, ice cream spoons, medical spatulas (tongue depressors), fruit baskets and decorative veneers. Paper birch is rotary cut for making plywood and pulped to make writing paper. Native Americans traditionally made their canoes from the bark.

Origin... Canada and eastern USA, typical height 50 to 70 feet with a trunk diameter of 1 to 2 feet.

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Availability... we have about 50 board feet of birch at Rolling Acres and Brownwood. It's about five dollars a board foot.



Toys

Conway Williams, Manager

Since our last report, the Elves and Painters are working hard to produce the toys to support our client's 2022 requirements.

On the shipping side, in January we made three shipments of 782 toys with a donation value of \$5,058.

So far in February, we have made one shipment of 400 toys with donation value of \$1,200. We have identified two additional shipments that will contain about 425 toys that we will be working on

As we look at the production side of the ledger, we produced 1,621 toys in January.

The Toy Team will be returning to Spanish Springs Town Square on Tuesday February 15th for the first time in almost two years! We will be located at Spanish Spring for the next three months. In addition to the toy sales and donations, we always have an opportunity to talk with folks about the Club and answer questions about the thing we do, courses we provide, and the other community services that the we provide. I encourage members to come out and support the Toy Team. We will be setup from 5-8:30 PM.

If you are interested in helping with this activity, please contact Conway Williams at 717-319-6952.

We continue to be very happy to see our seasonal residents returning and contributing to our year.

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Safety, Turners

TURNERS GROUP

Turners Group Meetings

Our next meeting will be held Tuesday February 15 ,2022 at 7:00 PM at the Brownwood shop in the meeting room.

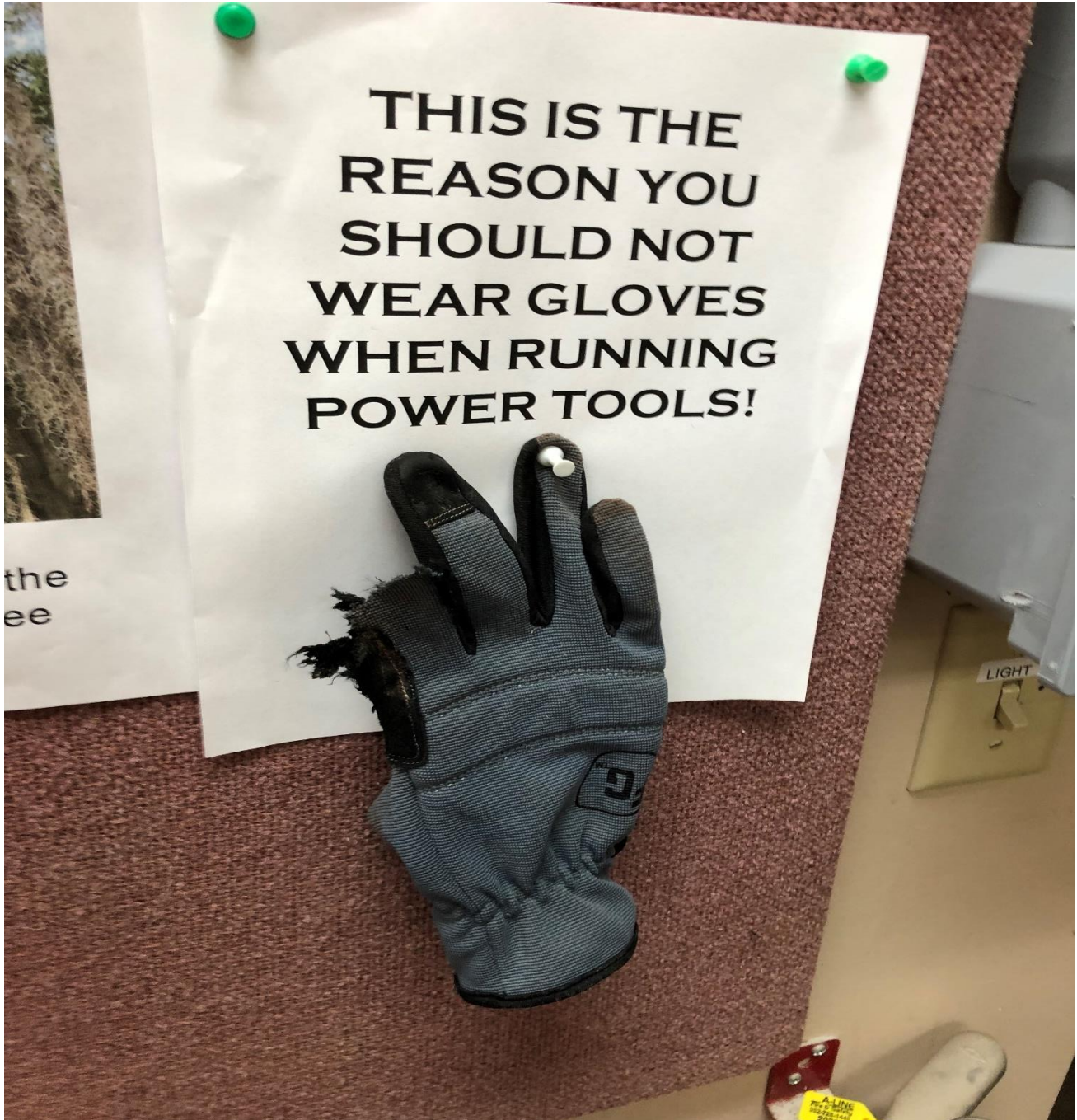
Please remove from the lathe(s) and return to their proper storage area any and all accessories before leaving.

APPARELL

VWC apparel, shirts and hats are available at Custom Apparel 3451 Wedgewood Lane, Buffalo Ridge Plaza, rt.466.

SAFETY

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This picture was not staged. This glove belongs to a member working on a router table, luckily he was not injured and now understands why, -

NEVER WEAR GLOVES WHILE OPERATING ANY POWER TOOLS.

FINISHING TIPS

HVLP

HVLP spray guns were developed more than 30 years ago but are only recently becoming popular. HVLP guns can work with either compressed air or air supplied by a turbine. Either way, the result is a low – pressure spray that creates very little overspray. HVLP guns are 65 to 95 percent efficient, which means that most of the material you're spraying ends up on the wood.

There are two advantages to using a turbine over a compressor with an HVLP spray gun:

- A turbine passes high volume of air directly to the gun at about 4psi. A compressor generated much higher pressure at lower volume. In order to raise the volume. In order to the volume enough to operate the HVLP gun, the high pressure air must be sent through a regulator. This transforms the high pressure to high volume and low pressure. It takes a large, expensive 3 to 5 horsepower compressor to adequately supply an HVLP gun compared to a small, inexpensive turbine.
- Turbines warm and dry the air, which speeds curing and helps reduce blushing (a moisture related, off white color that appears as some finishes cure).

There are also two advantages to using a compressor over a turbine.

1. A compressor that is large enough (5 horsepower or larger) can generate more pressure at the gun than do commonly available turbines - up to 10 psi. This translates to more finish material being deposited onto the wood surface at a faster rate. The increase allows you to coat an object in less time. Turbine supplied HVLP guns don't

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put out as much material as compressor-supplied HVLP guns or, for that matter, compressor supplied conventional guns

2. A compressor can be used for other shop tasks, such as powering compressed air woodworking tools. Turbines are ineffective at these tasks.

COMPARING CONVENTIONAL AND HVLP SYSTEMS.

Conventional spray guns continue to be used because the investment has already been made, and many people like to stick with tools they are used to. But HVLP guns are gaining favor, especially in low production situations. If you are just starting out and don't have a large compressor, you may want to get a HVLP spray gun and run it with a turbine.

Whichever type spray gun or spray system you choose, deciding which one to buy is much like deciding on a woodworking tool. Generally, the more you pay the greater your possibilities for fine adjustment.

Using spray guns

There are three tricks for using spray guns successfully.

- Use the fluid nozzle, air nozzle and needle-valve stem size recommended by the manufacturer for the type of finish you're applying.
- Get optimum atomization of the finishing material.
- Use proper techniques for applying the finish to wood.

Various sizes of fluid nozzles, air nozzles and needle-valve stems are offered by most spray-gun manufacturers. Generally, the standard parts that come with your gun are appropriate for all types of clear finish. But you may need different sizes for paint or colored lacquers. Check with your supplier or the manufacturer.

Optimum atomization can be obtained by manipulating the discharge ratio of finishing material to air flow. It can also be attained by using thinners. The thinner the fluid the less pressure it takes to atomize it.

Manufacturers of finishes recommend the optimum viscosity for spraying their finishes. You can follow the recommendations for thinning or you can use

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the following rule of thumb: Thin the finish until the stream of liquid that runs off the stirring stick breaks off cleanly into drops, and there's no longer any stringiness in the liquid. This viscosity will give you good results.

Proper spraying techniques are very logical, they take a little practice, but they're not hard to learn. Here are the basic principles for quality spraying:

- Plan a systematic spraying routine that will reduce waste and overspray. On a chair spray the insides of the legs and stretchers first, then work around the outside. Follow by spraying the back of the chair back, the arms the chair seat then the front of the chair back. Always work from the less visible to the more visible areas.
- Arrange a light source above and in front of you so you can see what's happening by looking at the reflection in the surface.
- Keep the spray gun pointed perpendicular to the surface of the wood. Don't rock the gun from side to side, or you will get uneven build.
- Set your gun to a fan pattern that covers the surface with the fewest passes and the least overspray. Use a small fan pattern on edges, rails, turnings and other narrow surfaces. Use a wide pattern on large wide surfaces.
- Begin spraying 6 inches to the side of the wood, and move the spray onto the wood. Keep moving at a uniform speed, about what you would use if you were brushing.
- Keep the gun a uniform distance from the surface of the wood between 6 and 10 inches. If you move too close, you will make runs; move too far away, and you will have dry spray. You usually have to hold a HVLP gun several inches closer to the wood than a conventional gun
- Finish your stroke several inches past the edge of the wood. Make it a habit to release the trigger of the gun at the end of each stroke. Otherwise, you may deposit excessive amounts of finish in situations where the stroke doesn't go off the wood, such as when a stretcher joins a leg.
- Overlap each previous stroke by half. This will give an even thickness overall. This is especially critical when you are applying colored material. Uneven thickness will result in streaking.
- Spray the edges of tabletops or flat panels before you spray the top

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- Don't spray directly into inside corners. Spray each side of the corners instead.
- Don't be intimidated by stories you may hear about how hard it is to do good spraying. It is not. Learning how to use a spray gun is no harder than learning how to use a table saw or a router. The first time you pull the trigger, you won't feel much control. Within an hour or so, you will get comfortable.

Continued next month.



Carvers

Pete Bankowski

Dennis has completed training two people on "the gnome with a heart". He is ready to start two or three more people. It is six sessions to build and includes painting.

Tuesday and Thursday at BW

BW is completely set up for carving. We are looking for people who carve or want to learn to carve. We have classes and are willing to work one on one to learn carving. At BW it is Tuesday and Thursday. Yes, Tuesday even if the shop is closed to woodworking. To get in on Tuesday you need to call Bill McGinnis at 352-433-3429 when you get to the shop.

Carving training will show you how to

-Use a knife and keep it sharp

- sharpening your knife and gouges

-the appropriate equipment to buy and where to get it (Amazon and other internet locations often do not have quality items) -how to design and cut

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out patterns -safety -band sawing your rough out -wood burning -buying wood carving wood
- how to carve things that look very difficult (ie. faces) -we have many patterns of popular Items to carve.



Certification & Monitor Training

Dick Besler

Certification on Tuesdays has been successful in moving names off the waiting list faster than they have been going on.



Urn Project

Alvin Corenblum

Scott Herlick

Work continues to build up our urn supply after delivering 30 to the MIAP group, which you may remember searches for forgotten veteran cremains. We will be resupplying Gainesville with 10 at the end of February and 20 more for the MIAP at the end of March.

I expect the cemeteries will need many more this year that last as they get back to a more normal schedule



Vice President

Rik Peirce

Vice President - Update Items for EOC meeting 2-10-2022

Brownwood Building Design Committee

Dust barrel dumping system has been installed and is fully operational. The study of the compressed air system has been completed and the resulting information indicated that the compressor is under sized and is running almost continuously 8 hours per day. The result of operating the compressor at this level is causing the oil in the crankcase to be expelled making the system overheat when the oil level gets low in the crankcase. The Villages is in the process of purchasing a supplemental compressor and will install it alongside the existing one. Apparently, this has not degraded the existing compressor and the manufacturer will maintain the 10-year warrantee.

Rolling Acres Building Design Committee

Topics of discussion were:

- Description of the design narrative and the purpose for developing the document
 - Current description of the various building elements that will be addressed and within the scope of work for this project
 - Definition of the building and design elements that are specifically included in the project
 - Definition of the requirements for each workspace, adjacency, and access requirements
 - Special requirements for each workspace, lighting, electrical, HVAC, etc.
- Space requirement spreadsheet
 - Sample spreadsheet was introduced like that use for Brownwood predesign
 - Initial items listed are a list of equipment and workspaces with preliminary dimensions and space square foot calculations for each workspace.
- Discussion of the challenges of construction and working around the daily operation of the shop. The desire to keep the shop open as much as possible during construction operations. The possibility that the shop may have to be closed for some of the work that cannot be done safely while members are in the shop. These work periods could be scheduled for off season periods when members are using the shop in smaller numbers.
- The narrative description of the building shell, of the interior spaces and what work we anticipate will need to be considered. Each workspace was discussed including building envelope, Office/reception, public viewing area, rest rooms, administrative work space, meeting/breakroom/multipurpose area. (See updated narrative dated 1/20/22)

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- Discussion of the Multipurpose (Studio, Breakroom, meeting space) could be used for monitor training and certification as well as for other education classes and meetings.

Next meeting February 24th 3:30 pm, at Rolling Acres library

Procurement

New credit cards will be distributed to 6 members who will be responsible for the use of the credit card. Existing credit cards must be turned into Ed Deitch as soon as possible. These cards are owned by Mike Borfitz and she is going to close this account as soon as possible.

The new credit card account is an American Express – Amazon account and we receive a 3% cash back for the use of this card on Amazon purchases and 1 – 2% cash back on other purchases. Members assigned to this account are at RA: Ed Deitch, Steve Eikenberry, Jim Spallone, Conway Williams. At BW member assigned are Glenn Croteau, and Rik Peirce. When members need to make purchases and want to use the club credit card please contact one of these members who will make arrangements for its use.

We continue to centralize the purchasing of most things using the Lightspeed purchase order system and the ability to make purchases and receive them in an efficient manner. Please email or text purchase requests to either Jim or me we will act on them usually within the same day.

We continue to have Jim Spallone purchasing for Rolling Acres and I will continue at Brownwood. Any purchasing, as much as practical, should be directed through either of us. We have established discounts from many vendors and have tax exemption certificates on file with them to take advantage of the lower costs available to the club.

Pen Making

Pens for Troops met at R/A Jan 18 27, at BW Feb. 2

Pens turned @ home by members 25

Total YTD 111

Next dates are:

Jan 16 @ R/A starting at 3:00 PM

Mar 2 @ BW starting at 3:00 PM

Thank you, all those members, for turning at meetings and at home.
Looking for donations of spare pen parts for any style of pen are welcome.

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Shop

Administration/Maintenance

Brad Primeau

Dave Adamovich

Steady As She Blows!

It's an ole maritime saying meaning telling the helmsperson to keep the ship on it's current course. It's also what the maintenance department is trying to do, keep thing running on an even keel so the membership can have an enjoyable and safe woodworking experience. Our challenge is to support the "multitudes" ranging from the novice to those who know the difference between a floating tenon and a Pantorouter. It's hard to do!! Some members expect 1/16" miter saw accuracy while others are satisfied with 1/8" accuracy on the shops crosscut sled. Bottom line, it's a comprise, the maintenance shop has to strike a line between the newbie and experienced woodworker. Both want to enjoy the shop and experience what it has to offer, an opportunity to use almost \$500,000.00 worth of equipment. That's the best deal in the Villages! Behind the scenes there are a group of volunteers that keep the ship running. Some wear Blue badges and others Yellow ones and some wear both. These individuals are critically needed to keep things running. If it were not for them the ship would not operate. It's amazing how they keep it running and it's rumored they occasionally get time to work on their personal projects – go figure!

Gorilla Tight!

What's gorilla tight? It's when someone OVER-TIGHTENS a nut, knob, saw blade nut or guard knob, router bit or anything that needs tightening. The picture below shows a sanding drum, spindle shaft, top disk and nut. The nut was tightened to a point that it required special tools and time to separate the parts. The disk had to be flattened because it was bent under the pressure of the nut, the small screws that attach it to the rubber cylinder were pulled/ripped out and the hole in the disk had to be honed out so it would fit the steal shaft again. The purpose of the nut is to slightly compress the rubber cylinder to keep the sandpaper on. It's not to hold the sanding drum on the machine. If you think you know what you are doing but are not quite sure ASK!! The majority of the time a maintenance person spends in the shop is fixing something that is incorrectly used. Yes, maintaining the shop is time consuming but the time should be spent maintaining the equipment and not fixing something because it was not used correctly.

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Voytek Kulesza

Special Projects

No report this month



Lowell Sundermann

Woodworking Technology

A report of interest to CorelDraw software owners.

Just a short note about the Corel fiasco - been too busy to report much on anything else.

Corel changed how they issue additional seats of their software. Instead of adding seats to the original serial number as we did for a fair amount of time they felt it necessary to issue a new serial number per order. It is a bit of an administration chore, but how they did it was totally screwed up. Finally they agreed the best plan was to use only one serial number. So members that did not have the new serial number needed to uninstall

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and reinstall with the new number. Only problem with the link they sent us was for their current version X6 vs. our 2018 version. We now at the time of this writing have the correct link - but under a yet different serial number. By the time this report is printed we should have a document for the final process. The downside is that if not all, most all owners of the CorelDraw software they purchased will need to be uninstalled and reinstalled. There is no cost, just some time to do the necessary reinstall. We hope to have a document to make this as painless as possible. And I thank you in advance for your cooperation.

My recap may sound like this should have happened in just a few days, well I might agree, but dealing with Corel was anything but a few days..

I assure you this was not a screw up by any members of VWC, and I thank the members that have worked through this mess - Kathy Villani, Dave Makarewicz and Gary Pett. Thank you.



President

John K. Scott