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AMEA APPRAISERS' FORUM

2019 Appraisers' Forum is coming to Mandalay Bay Hotel and Casino in Las Vegas, Nevada

REGISTER NOW

2019 AMEA
ASSOCIATION OF MACHINERY
AND EQUIPMENT APPRAISERS

APPRAISERS' FORUM
MARCH 7 - 9

LAS VEGAS

Mark your calendars for the 2019 AMEA Appraisers' Forum to be held at the Mandalay Bay Hotel and Casino, in Las Vegas, Nevada. We will be hosting the 7-hour USPAP course on Thursday, March 7th, followed by a MDNA West Coast chapter meeting that evening. On Friday morning, March 8th, we will head to Centurion Service Group, the world's largest medical auction house for an up close and hands-on education into this industry. Then in the afternoon we will head to the Hoover Dam for an education tour on the Hoover Dam Power Plant. On Saturday, March 9th we will have industry presentations on machinery appraising and report writing. Registration is now open, please visit the [AMEA website](#) for more information about speakers, registration, and hotel information. Attend all events and earn up to 25 continuing education hours!



APPRAISER



AMEA APPRAISER

The AMEA Appraiser is published by the Association of Machinery and Equipment Appraisers

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MISSION

To certify and accredit the most qualified capital equipment appraisers in the appraisal industry through promotion of standards of professional practice, ethical conduct, and market-based experience.

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AMEA Appraiser welcomes contributions from members and others in the machinery and equipment appraisal community.

For details contact: Jason Baker,
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AMEA New Members Bios

Trey Sprouse, AEA



Trey Sprouse, AEA, is a graduate of the University of South Carolina, and has worked as a Sales Engineer for Champion Machinery since 2014. He specializes in both buying and selling HAAS, DMG MORI, MAZAK, DOOSAN and OKUMA CNC machines. His first experience in the machine tool industry was viewing the latest and greatest manufacturing technology at IMTS. Trey enjoys visiting shops with unique applications for their CNC machines and helping customers come up with an effective plan to buy or sell their CNC machines.

Tony Diessel, AEA



Based in Cape Town (Western Cape Province), Tony joined GoIndustry DoveBid SA in 2013 as senior project manager and his core responsibilities include: the appraisal and assessment of earth moving, industrial and corporate movable assets as well as auction project management.

Tony's appraisal experience spans nearly two decades, where he specialized in the site assessment and appraisal of Earth Moving Equipment and Mining Assets located in Zambia, Namibia, Mauritius, and throughout Southern Africa.

His core competencies revolve around mining equipment, textile & manufacturing industries, medium and heavy transport sectors including material handling and industrial civils.

Key account disposal and appraisal projects that Tony has taken lead or assisted on include Evraz Highveld Steel and Vanadium, Group 5 Mining & Civils (South Africa, Zambia, Namibia, Mauritius), Blue Chip Mining in Kuruman, Frazer Alexander Bulk Mech & Tailings, Murrey & Roberts, Acacia Buzwagi Mine Tanzania, Konkola Copper Mines and Kansanshi (Various sites throughout Zambia).

Remembering John Josko

Remembering a good friend, John A. Josko who, after a very short illness, passed away on March 20, 2018

■ By Casey Mulqueen



At the recent Chicago Chapter IMTS Meeting and on behalf of many of John's AMEA/MDNA and EAANA friends, Kristine Conroy, President of the Austin Lucas Scholarship Fund, and I had the honor of presenting John's wife Patty and sons Jake, Jason and their wives Kim and Lauren with a plaque memorializing scholarship trusts established in John's name, totaling \$10,000.

When John retired from GE I encouraged him to join MDNA / AMEA, and a short time later the AMEA Board. John attended his first Board Meeting in September, 2009, which was my first presiding as President. Webinars were a priority of mine and I knew with John's help we would have a successful program. John teamed up with Brian Block, and with the support of an outstanding Board and many members who contributed their technical machine specific expertise, and the rest was history. John and Brian wrote and produced over 35 webinars; 7 relating to appraisal development / report writing and 28 specific to various machine types and processes. In an average year, 28 webinars were presented. From 2011 to 2015 John hosted almost every one of them. John also served on the Appraisal Review Committee, rewriting review guidelines and checklists.

John saved some time for MDNA; becoming a devoted member of the Chicago Chapter he always seemed to find his way to the front line, most recently as Chapter Chair.

I know I speak for many when I say we are better appraisers and dealers, each having participated in one of John's webinars or maybe one of his special one-on-ones. John clearly had a passion for teaching.

When John wasn't attending to business, it was all about family and his love of sailing. He had his 100 ton Captains License. You can probably guess that when he was not at the wheel of Endeavor, his sailboat, he was, you got it, teaching Power Squadron Classes (Boating Safety) to those interested in learning to sail.

I believe the Austin D. Lucas Scholarship is an outstanding program, our finest. It all starts with education, teachers, good guys like our friend John, who nurture closer relationships, encouraging personal and professional growth that build businesses and work to resolve problems.

I am very grateful to Kristine Conroy for allowing me the honor of presenting with her. I'm proud to be a member of AMEA / MDNA and a supporter of the Austin D. Scholarship Fund. Most of all, I am proud of my good friend John and all our many years together.

2019 AMEA Important Dates

January 2019

January 26, 2019
AMEA Committee &
Board Meeting
Tuscon, AZ

March 2019

March 7–9

Appraisers' Forum and
USPAP Courses
Las Vegas, NV

For more event information:

Call AMEA: **703-836-7900**
or visit www.amea.org

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Tools of the Trade

Inspection of High Speed Presses:

■ Don Bentley



Inspection: n 1: Critical appraisal involving examination, measurement, testing, gauging, and comparison of materials or items.

In the used machinery business, the inspection of the assets is one of the most important aspects of the deal. Knowing the condition of what you are buying is key to determining the value of the particular piece of equipment, its usability and the ease of being able to sell it to a customer. This is true of all equipment, perhaps especially so when dealing with High Speed Presses, such as Minsters, Bruderers etc. These machines are expected to operate with extremely close tolerances in order to produce useable parts at very high speeds. In the electronics connector field, for instance, the cost of the stock material doesn't allow for very much scrap or wasted product, due to the types of precious metals often used. It is therefore vital that the machine be able to run in the required tolerances, and the properly conducted inspection process will determine its condition for that purpose.

Some of the steps involved in an inspection should include the following:

Visual Inspection- Inspect the frame and ram for cracks, welds or repairs, damaged or missing guards, brass dust around bearing housings, missing or broken oil lines, proper motor or drive units, and general appearance. If a press appears to be extremely dirty or covered with grime, it may indicate a poor maintenance situation. High speed presses are usually operated in very clean conditions, perhaps inside ventilated sound enclosures, and should be in a regular maintenance program. Check the clutch and brake linings thickness, and look for excessive dust. Attachments such as feed equipment and accessories should be checked for completeness and functionality. Control cabinets should be opened and inspected for cleanliness, neat and orderly wiring, and obvious altering of the control wiring, indicators and switches, or installation of ill-fitting or non-conforming replacement parts. Tem-

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Tools of the Trade (cont'd)

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porary jumper wires are usually an indication of improper repairs.

Running- The machine should not have excessive gear or motor noise, flywheel or gear wobble, or cause thumping or knocking sounds from having too much bearing clearances. The clutch and brake should operate crisply, without air leaks or rattling from loose discs, and counterbalances should travel smoothly. When safe to do so, placing your hands on the ram may allow you to feel rumbling or vibration from problems such as gib clearance, loose bearings, or improperly fitted gears. Most High Speed Presses are variable speed, and this should be checked as well, to ensure the speed changes and the press runs at the proper speed ranges. The lubrication system should function properly without leakage, and should indicate oil pressure at the associated gauges. Safety features such as top stop and emergency stop should be tested, as well as any light curtains or other safety devices that are installed. The machine should be ran in all modes of operation, such as inch, single stroke and continuous, as applicable to the individual press control. Some of the newer High Speed Presses have diagnostic functions built into their controls which may provide information not otherwise obtainable.

Off-Line- Check the bearing clearances using a dial indicator and a hydraulic jack placed under the ram. The individual bearings may be checked by positioning a magnetic based dial indicator to obtain travels of the crankshaft, connecting rods, and ram adjustment connection when raising the ram with the jack. In some instances covers and guards must be removed for inspection purposes, and the press should be positioned at Bottom Dead Center with the air supply disconnected. Normal bearing clearances on most High Speed Presses should be around .001 per inch of bearing inside diameter, to allow for oil clearance, but may differ depending on the manufacturer. Gib clearances may usually be checked using a feeler gauge, and should not have tight spots or excessive loose spots. Binding and loose gibs may indicate that the ram is not square in the frame of the press. Parallelism is measured from the ram to the bolster by positioning the indicator at the corners and at midway points along the width of the bed, with the ram positioned at top and at bottom. An improperly positioned die or misaligned gibs can warp the ram and cause other problems. After the press has been ran, feel for hot spots at the bearings, gibs and motor or drive unit. This is also the time to find those oil leaks you may not have seen.

Specifications of the press should be recorded, such as tonnage, stroke length or range, speed range or strokes per minute, ram adjustment range, bed and ram surface area, and serial numbers. This information may be available on data plates, or determined during the inspection process. Often the maintenance personnel will have logs and inspection reports which should be reviewed and copied if possible, to help to determine the environment and conditions in

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ASSOCIATION OF MACHINERY AND EQUIPMENT APPRAISERS

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AMEA Board Announcement

Bob Yeoman Accepts Position as AMEA'S TAFAC Representative 2019-2020

■ Casey Mulqueen

On November 29th and 30th Casey Mulqueen AMEA TAFAC Representative together with Jason Baker AMEA Director of Member Services and Alternate TAFAC Representative attended the Personal Property Issues Committee Meeting and the General Session. Bob Yeoman attended as a guest, meeting other TAFAC Members and various representatives of The Appraisal Foundation. Bob Yeoman has graciously agreed to accept the position as AMEA's TAFAC Representative 2019-2020. Jason Baker will continue as Alternate TAFAC Representative. Casey Mulqueen will continue attending the next meet on January 31st / February 1st as a guest.

At its meeting on November 29th members of the Personal Property Issues Committee were briefed by Dave Bunton President of the Appraisal Foundation on The Foundation's search for a Communications Director and the need that they perceived to redo their website. Content is good, the user experience perhaps not so good. Additionally The Appraisal Foundation together with TAFAC (The Foundation Advisory Council) is continuing to consider various new forms of outreach that will promote appraisers qualification criteria including the importance of engaging qualified and accredited USPAP appraisers.



Maggie Hambleton Chair of the Appraisal Standards Board (ASB) joined our meeting informing us that the Third Exposure Draft of proposed changes for the 2020-21 edition of the Uniform Standards of Professional Appraisal Practice would be published in early December. As promised they were published on December 12th. Please see link provided at the end of this article. Anyone wishing to comment is encouraged to do so no later than February 1st by visiting the link and following instructions provided or contact Jason Baker, Bob Yeoman or Casey Mulqueen. This will be the last Exposure Draft of proposed changes for the 2020-21. The ASB will vote at their February 2019 meeting confirming changes will be-

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Tools of the Trade

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which the press was used. A machine that was used for 3 shifts per day will usually show more wear than one that is only ran for one shift per day, if they are of comparable ages and were used and maintained in a similar manner. There may be trends of wear that will be helpful in anticipating problems that have not been made evident.

The most difficult aspect of a proper inspection may be to take the time to do it. Sometimes it may cause an uncomfortable situation between the buyer and seller, but it is the only way to truly understand the physical condition of the press. Whether inspecting a press for a customer or to purchase for inventory, this information is vital to properly represent the machine, and may prevent numerous problems later. As I learned when I came into this business, you don't always get what you pay for, but you always pay for what you get.

AMEA Board Announcement

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come effective January 1, 2020. Maggie communicated that The Appraisal Standards Board looks forward to working together with the Personal Property Issues Committee in order to insure suitable and appropriate case studies are included in Study Guides for 2020-21 USPAP 15 and 7 hour classes. Maggie also commented briefly on the changes being considered to reporting requirements. Taken directly from the ASB's memo dated December 12th, *"The ASB proposes significant revisions to STANDARDS 2, 8, and 10. Rather than limiting appraisal reports to either a one-size-fits-all or the current two-sizes-fit-all reporting options, the ASB proposes a model that reduces the specificity without diminishing the USPAP reporting requirements. The Board also proposes the elimination of required appraisal report labels and specific warning language but proposes reporting rules that require clear and conspicuous disclosure of any restrictions on the use of an appraisal report. The ASB also proposes some parallel changes to STANDARDS 4 and 6 as appropriate for consistency."*

All of these open and ongoing issues will be discussed again at our next meeting of the Personal Property Issues Committee on January 31st. Your comments and suggestions are encouraged and always appreciated.

Link to Third Exposure Draft

https://www.appraisalfoundation.org/imis/TAF/Standards/Exposure_Drafts/TAF/Exposure_Drafts.aspx?hkey=d6d47266-eca5-4178-8919-2d3e827a5f36