October 22, 2018

Dear Members & Friends,

Our first event of the year is coming up on Nov 22, 2018 – Our 4th Annual Weld Challenge.

This event is an evening of competition, where teams are given a couple of hours to build a structure and then compete against other teams to see who has completed the best build. Past events have included a bridge (twice) and a catapult/trebuchet. Please see the attached write-up for more details on last year’s event.

As part of this year’s event we were hoping to find sponsors who are willing to participate with us for the event. With your sponsorship we will include your logo on future mailers for the event, display your logo (print and/or electronically) at the event, and on our post-event write-up.

We are specifically looking for sponsors for the following items:

- Competition materials; provide the required materials for each team
- Dinner; cover the cost of the dinner for the event. We are tentatively looking at having this provided by the Tec Voc culinary program
- Prizes; we have always provided a first prize (typically Jets tickets) and second prize (typically welding equipment/gear) but would love to expand that as well
- Cover the costs of entry for the high school teams; $100 per team, expected ~3-6 teams

We are also always happy to have additional prizes, etc. to give out to the participants.

If this is something you are interested in helping out with, please reach out to any of the CWBA Winnipeg executive members, or to myself.

With the best regards,

Steven Kristensen  
Winnipeg Chapter Vice-Chair  
Welding Engineer, ProForma Engineering Ltd.  
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204-414-9107 x237
The CWBA Winnipeg Chapter
Is pleased to present the 4th Annual

WELDING CHALLENGE
Thursday, November 22, 2018

This welding challenge is open to up to 9 teams of 2-4 individuals who will compete in a welding challenge to build a “crane”. Each team will be given the rules and competition outline ahead of time, and then be given the materials to fabricate the project on the competition date. Teams will then “compete” to see who can hold the highest amount of weight. The evening will include a presentation by Todd Laudy, and a dinner.

Location: Murdoch McKay Collegiate

Timeline:
- 4:30pm – Competitors arrive
- 5:00pm – Fabrication commences
- 6:30pm – Dinner and presentation
- 7:30pm – Competition and prizes

TEAMS: 2-4 people, at least one should have welding ability.
FEE: $150 per team, includes dinner. Student teams $100. Spectators $10.

SPECTATORS: Please come out and cheer on your favourite team, and network with individuals in the local welding industry.

DEADLINES: Team registration deadline is 16-November. Spectator deadline is 20-November.

To register, please email back to winnipeg@cwbassociation.org, including the form for teams.
WELDING CHALLENGE
Thursday, November 22, 2018

To register, please email this form back ASAP to ensure your place. Space is limited.

Name: ______________________________________________________

Company: _____________________________________________________

Would you like to receive CWA Winnipeg chapter emails, about upcoming events: ___ YES!! ___ No

Email address: __________________________________________________

Phone # _______________________________________________________

Advance payments are appreciated and help keep things running in timely fashion at the event.

Do you wish to be contacted for Credit Card payment in advance?

Yes ___ No ___

Other attendees for event:

Name: __________________________ Email address __________________________

Phone number __________________________

Name: __________________________ Email address __________________________

Phone number __________________________

Name: __________________________ Email address __________________________

Phone number __________________________

Name: __________________________ Email address __________________________

Phone number __________________________
CWA – Winnipeg Chapter 2017 Welding Challenge

The CWA Winnipeg Chapters’ 3rd Annual welding challenge took place on December 6, 2017 at Murdoch McKay Collegiate. This year’s challenge was a new project; teams were given a set of materials and an hour and 45 minutes to build a catapult / trebuchet to launch a tennis ball using a 5 lb weight. Teams were provided the material lists and rules ahead of time, and most teams came prepared with a design to build. This year’s competition involved four industry teams and three high school teams.

After the build was complete, dinner was provided while Dan Tadic from CWA provided an overview of the apprenticeship program CWB/CWA is developing.

Then came the most exciting part; the competition itself. Each team was given five launches of the tennis ball, with teams allowed to adjust their catapult / trebuchet between each launch. Teams were then ranked in two categories; their furthest throw (distance) and distance between the three closest landing locations from among the 5 throws (accuracy). Each team’s final score was determined by adding their ranks in each category together, with the lowest score being the winner. Teams were able to build devices that were able to use a 5lb weight to throw a tennis ball over 41’ (was actually the maximum distance in the room we were in, as it hit the wall on the far side) and the most accurate team had 3 launches that were within 3-1/2” of each other!
The creativity of each of the teams led to a wide array of design concepts for every part of the design.
A great time was had by the competitors, spectators and the organizing team. We hope to see you back for next year's challenge!