

Equipment Appraiser's Qualifications

Darrell A. Thorvaldson AACI, P.App, ASA, P.Ag.

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Education:

Appraisal Institute of Canada AACI – Accredited Appraiser Canadian Institute, since 2003 P. App – Professional Appraiser, since 2003

American Society of Appraisers ASA – Accredited Senior Appraiser Machinery & Technical Specialties (Machinery & Equipment)

CUSPAP 2018-2019 Canadian Uniform Standards of Professional Appraisal Practice Certification

USPAP 2018-2019 Uniform Standards of Professional Appraisal Practice Certification

Machinery & Equipment Valuation (ME 201), March 2015, American Society of Appraisers, Atlanta, Georgia

Machinery & Equipment Valuation (ME 202), May 2015, American Society of Appraisers, Chicago, Illinois

Machinery & Equipment Valuation (ME 203), January 2016, American Society of Appraisers, Herndon, Virginia

Machinery & Equipment Valuation (ME 204), September 2016, American Society of Appraisers, Boca Raton, FL

15-Hour National USPAP , Appraisal Institute (AI), May 2015, On-Line, Chicago Illinois - examination Pearson VUE Center in Winnipeg, MB

Certificate in Machinery & Equipment Valuation (CPD 118), 2009, University of British Columbia

Bachelor of Science in Agriculture (B.Sc.Ag.) University of Manitoba, 1988

University of British Columbia (UBC) AIC Curriculum Courses (1996-2003)

Professional Involvement

Reviewer – Retained by UBC as a writer/consultant to review and update AIC machinery & equipment curriculum courses.

Peer Reviewer – Appraisal Institute of Canada's Peer Review Sub-Committee

Chair – American Society of Appraisers - International Tellers and Credentials Committee

Past National Vice-President – Executive Committee - Appraisal Institute of Canada (2017-2019)

Past National Director – Appraisal Institute of Canada Board of Directors (2015 - 2019)

Past National Chair – Appraisal Institute of Canada's Admissions and Accreditations Committee (2018-2019)

Past National Chair – Appraisal Institute of Canada's Marketing and Communications Committee (2017-2018)

Past National Chair – Appraisal Institute of Canada's Standards Committee (2015-2017) Implemented Re-Write of CUSPAP 2016

Past National Chair - Appraisal Institute of Canada's Investigating Committee (2009 – 2011)

Past Counsellor, Professional Practice – Appraisal Institute of Canada, Ottawa National Office (2011-2012)

Past Member – Appraisal Institute of Canada's Professional Practice Committee (2015-2017)

Past Advocate– Appraisal Institute of Canada's Advocate – Manitoba (2015-2017)

Past Member – Appraisal Institute of Canada National Standards Committee (2012 – 2015)

Past Investigator - Appraisal Institute of Canada's Investigating Committee (2007 – 2009)

Past President - Appraisal Institute of Canada, Manitoba (2003 – 2004)

Past Director – Appraisal Institute of Canada, Manitoba (1999 – 2005)

Memberships:

Appraisal Institute of Canada (1996 – Present)

American Society of Appraisers (2015- Present) International Committee

Member ASTM International Member (2018) ADR Institute of Manitoba Alternate Dispute Resolution of Manitoba (2018)

Better Business Bureau of Manitoba (Accredited Business A+ rating) | Manitoba Institute of Agrologists (1994-present)

Experience: (Further references or complete resume on request)

Machinery and equipment appraisals on various industrial, manufacturing and retail fixture equipment assets including:

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| ○ Over-The-Road Trucks – Mack, Peterbuilt, Kenworth etc. | Laboratory Equipment, |
| ○ Yellow Iron Including Cat Crawler Tractors, Loaders, Excavators | Industrial Heat Exchangers, Reactors, Filters, |
| ○ Trailer Units - Fruehauf, Load Line, Automobiles & Trucks, | Cultivation Units, Sprayers, Swathers, Mark III Power Screens, |
| ○ CNC Vertical & Horizontal Turning Machines (Lathes) | Hydra-Saws, Hoists, Jibs, Cranes, Drills, Presses & Forklifts, |
| ○ Welders, Exhaust Fans, Process Piping, | Supermarket Equipment, Bakery Equipment, Meat Processing, |
| ○ Agricultural Equipment Including 4wd & 2wd Tractors, | Combines, Tandem Disks, Seeders, Sprayers, Tanks, |
| ○ Amusement Park Rides | Dry Cleaning Equipment, Bakery Equipment, Supermarket Equipment |
| ○ Restaurant Equipment, Walk-In Coolers/Freezers, | Trade Fixtures (Dairy Cases, Display Freezers), |
| ○ Washer Fluid Manufacturing, Biodiesel, Centrifuges | Packaging Case Erector, Case Packer, Steel Holding Tanks, |
| ○ Mix Mills, Seed Cleaning & Processing Equipment, Bucket Elevators. | |

Presenter of machinery and equipment valuation topics at

- 2016 Appraisal Institute of Canada's National Conference in Winnipeg, Manitoba,
- 2017 Annual Conference of the AIC-Alberta Association in Calgary, Alberta.
- Canadian Property Tax Association (CPTA) April 2017 conference in Calgary, Alberta,
- Alberta Municipal Government Board (MGB) May 2017 conference in Calgary, Alberta,
- 2019 Published Article -BDC – Value of Used Equipment <https://www.bdc.ca/en/articles-tools/money-finance/get-financing/pages/used-equipment-valuation-how-to-do-it.aspx>
- 2016 Published - Equipment article Appraisal Institute of Canada's National Magazine–*Canadian Property Valuation* Volume 60 Book 3 (2016)
<https://www.aicand.ca/article/professional-appraisers-perspective-appraising-machinery-equipment/>

DESIGNATED MEMBER

