

CURRICULUM VITAE (abridged)

JEFFREY R. MARKSTHALER

EDUCATION

B.S.Eng, Materials Engineering, **University of Wisconsin-Milwaukee**

PUBLICATIONS / ARTICLES / SEMINARS presented educational and training seminars in dozens of venues to professional and lay audiences, highlighted topics include:

- Metallurgy for the Non-Metallurgist – ASM International
- Failure Analysis – Field and Laboratory Investigation Methods,
- Materials and Manufacturing Selection
- Industrial Health and Safety – Organizational Effectiveness, Safety Teams, Planning, Investigations, Working with OSHA
- Manufacturing and Quality Systems – Creating and Supporting Effective Manufacturing and Problem-Solving Teams, Impactful Auditing Plans

ACCREDITATIONS AND TRAINING–

- EC5 (Effective Communicator), Toastmasters International,
- Root Cause Analysis, TapRoot®
- Toyota Production Systems, DMAIC, Lean-Six Sigma: Green Belt
- A3 Problem Solving, Oregon State (non-certificate, industrial application training)

LICENSES – Registered Professional Engineer – OR

AFFILIATIONS – ASM International, SAE

EXPERIENCE

2020 – Present: Senior Engineer, TAI

2016 – 2020: Senior Metallurgical / Materials Engineer, Jensen Hughes aka CASE Forensics

2013 – 2016: Director of Operations, Columbia Steel Casting

2013 – 2013: Quality Manager, EVRAZ North America, Portland Pipe Operations

2012 – 2013: Foundry Process Engineer, Columbia Steel Casting, Portland, OR

2008 – 2012: Product Manager and Plant Metallurgist, Cascade Steel, McMinnville, OR

2001 – 2008: General Manager, Bodycote Materials Testing, Portland Aerospace Materials Lab

1991 – 2001: Product Manager, Metallurgical Engineer, Oregon Steel Mills, Portland, OR

1989 – 1991: Plant Metallurgist, Quanex LaSalle Steel, Hammond, IN

1987 – 1989: Metallurgical Engineer, Inland Steel Bar Products Company, East Chicago, IN

Detailed CV upon request.