

Curriculum Vitae

1/9/2019

Gregory J. Vishey

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Summary:

Greg Vishey is an accomplished Mechanical Engineer with 30 years of development and management experience across very diverse technologies in Truck, Defense, Automotive, Aerospace and Real Estate industries. His experiences include work with: semiconductors, optics, automotive seats, robotic welding, tool design, manufacturing & production process optimization, high-G shock levels, chemical and biological agents, electronics, computer design, finishes, software management, programming, residential & commercial structures and the management of large-scale manufacturing facilities over-seas. He is internationally published (Robert Bentley Publications), holds four domestic patents plus two international patents and is frequently selected to investigate or solve complex problems while under short time constraints, in the international arena. He can listen, assimilate and organize information and technology as effectively as he can plan actions and manage their accomplishment in a team environment. Executive management has repeatedly relied upon on him to represent the Company and its interests to the Client, Government, investors, Industry leaders and Labor.

College:

BSME, Case Institute of Technology, Case Western Reserve University, Cleveland, OH 1983

Extensive, one year senior research project at NASA-Lewis with advisor S.S. Manson researching low-cycle multiaxial fatigue failure in metals. Dean's List, Graduated with Honors.

MSA, Central Michigan University, Mt. Clemens, MI 1988, Emphasis: General Administration. Graduated with High Honors, GPA 3.8 /4.0 Masters Thesis: "Evaluation of the Non-Product Military Specifications, Standards, Directives and Instructions Affecting the Program Management of General Dynamics Land Systems" College selected 'Best Masters Project,' distributed nationally as "Thesis Under Glass" by CMU

Work Experience:

Defense:

1984 GM-Detroit Diesel Allison, Indianapolis, IN, - Component and System Test Engineer on small and large truck transmissions and transmission components. Created test plans, designed test fixtures, programmed Allen Bradley Controllers, executed testing, interpreted test results and advised Purchasing and Engineering actions with suppliers.

1984 General Dynamics Land Systems Division, Centerline, MI - Product Design Liaison Engineer – Responsible for major elements of the M1-Abrams Tank; i.e. change processing on crew seating, made by supplier Coach & Car, Electronics boxes (12), hatches, etc. Promoted to manage validation testing and change control for multiple, major subsystems: Gun and Turret Drive Systems, Gunner's Primary Sight and Crew NBC Systems. GD System Engineering Seminar (SES-III) trained 1986 for corporate executives.

1991 General Dynamics Land Systems Division/GD Services Corporation, Sterling Hts., MI, Planned and Launched an Abrams Tank manufacturing facility in Cairo, Egypt as Manager of Planning and Scheduling. Chaired the Egyptian/US Army/ US State Department Program Reviews for two quarters.

Automotive:

1994 Ford Division, Lear Corporation, Allen Park, MI - Manager, Engineering Operations, Seating. General responsibilities included establishing standardized Seating Product Development process and template for timing with EDS. Tracked staffing, training and budgets. Created head-count & expenditure plans, interfaced with Ford Management, managed and secured the award of Ford's Full Service Supplier for Seating in 1995. Created training for the Division's 96 new Seating Engineers. Training modules were drafted for each seat subsystems and conducted weekly.

1996 - GM Division, Lear Corporation, Warren, MI – Seating Development Manager GMX210/211 – (Monte Carlo/Impala). Responsible for contract scope definition, management and development of the 210/211 seating family (3 types of seat adjusters, 2 types of recliners and a family of seat frames that created a proliferation of 38 less-finish front seat assemblies and over 40 rear seat LF permutations). GM-directed material from Fisher Dynamics, Delphi and others were integrated into the vehicles with extensive changes.

12/96 UK Patent Office awarded Patent #GB2320426; Method & Apparatus for Automatic Adjustment (Detection of eye position used to determine head restraint height).

1997-2000 C5 Corvette – Lear Corp., Development Manager - Responsible for technical analysis and redesign of the Corvette (C5) seat and interior systems. This program was Lear's most visible program with bi-monthly meetings with Lear CEO regarding development progress and customer satisfaction. Resolved problems in the advance composite back frame and resolve stiffness problems with the light weight cushion frame, adjusters and recliners. I directed supplier component changes, resolved dimensioning conflicts, developed welding plans, made material choices and managed test incident resolution. Designed the current C5/C6 aluminum cushion frame, frame extrusions, assembly process and mechanized welding maps and certification. Designed and fabricated proprietary test fixtures for analyzing recliner fit and synchronous actuation. Designed proprietary seat back test fixtures used to resolve seat twist under load. Assisted the development and launch of the Azdel/foam-core C5/C6 back frame in 1999. Successfully re-drafted and resubmitted Patent #5,988,757 when two previous attempts to patent the Corvette seat structure were rejected. Note: This award-winning, industry-leading seat structure was used for over 14 years of C5 & C6 Corvette production.

1998 US Patent & Trademark Office awarded Patent #5,758,924 Corvette Seat Lumbar Support System

1999 US Patent & Trademark Office awarded Patent #5,988,757 Corvette Seat Frame SRIM Design

2000-2002 - GMT250/257 – Lear - Product development and production launch of half the vehicle interior (floors, storage, headliner, netting, IP insulator), Managed APQP implementation in a Seating plant converted to Interior systems production.

2002 - GM "High-Mid" – Lead, vehicle Interior development (program cancelled)

2002 – Lear Manager, GM – Electrical and Small Car Interiors & GMT357 Manager (electrical, doors and flooring)

7/02 US Patent & Trademark Office awarded Patent #6,422,567 Convenience Storage System (Aztek) – (SPE Body Interior Winner '01) AKA EP1216164 B1 (Euro), DE60016265T2 (Germany), WO 01/21441A1 (World Intellectual Property).

2002 - Appointed to a Six Sigma Black Belt special assignment and rapidly promoted to Corporate Project Champion with management responsibility for projects and training at all Lear Divisions. This was a two-year assignment.

2004 - Director, Continuous Improvement – Lear GM Large Car Programs ("TI" Total Interior management) – Responsible for Dealer and Customer verbatim analysis and predicting design solutions based on slowly accumulating historical data from the aging fleet. Responsible for developing product changes and tracking product improvements to J.D. Power scores and consumer verbatims. Coordinated and presented status, plans and actions to GM Plant Management, Quality and Assembly.

2004 – Development and Launch management, GMX222/272 (Cadillac DTS/ Lucerne) Lear Lighting and Interior Systems. Submitted patent application for LED lighting and command signal conversion (application is currently expired and patent not awarded).

2004 - 2006 Certified Six Sigma Black Belt & Project Champion for Lear Corporation. Generated and managed Green Belt Projects between four divisions (Chrysler, Ford, GM and International) that resulted in over \$28M annual savings.

2006 IAC-NA, Auburn hills, MI (IAC-NA purchased Lear Interiors Div.) – Business Manager GMX222/272 Overhead systems, Lighting, Garnish trim, Package Shelf and Carpet. Responsible for development, launch, change management and Customer interface with GM Purchasing. Negotiated changes, established department goals, staffing, cost reduction strategies and business relocation plans between domestic, Mexican and Chinese production facilities and suppliers.

6/06 Patent & Trademark Office awarded Patent #6,896,321 PET/Azdel Headliner Construction

Other Automotive "Special Assignments" – Served approximately 14 years as an "in-house product expert" in many aspects of automotive product development and testing. Typically selected among a small group of company engineers to review designs, processes, test incidents and related crisis situations that involved, or risked product exposure or litigation at the corporate level.

- Ford seat heaters – thermal incident review
- Rover seating design & business review, Coventry, England
- SEPI acquisition review, Torino, Italy
- Geo/CAMI Trim cost analysis and design opportunities
- Corvette seat design, restraint attachment, restraint incidents (seat interaction)
- GM-Truck Adjuster instability, validation & cost reduction
- J-Car manual adjuster test incidents
- Leather wear studies and wear reduction attainment (Author: Corvette Newsgroup "Leather Care FAQ")
- Corvette Seat Assembly relocation from Louisville, KY to Hamtramck, MI
- Sweden (Saab) Seating Business Review, Trollhattan, Sweden
- Multiple plant conversions and business relocations between the US, Europe, China and Mexico

Consulting, Inspection & Engineering Services:

- 1996 Published - Home Safety (& 2 Technical Articles), Robert Bentley Press ISBN 0-8376-0321-8
- 1996 Home Inspection Benchmarking Results in New Inspection Process & Standards
- 1996 Published - Home Safety (& Technical Articles, Robert Bentley Press ISBN 0-8376-0322-61998
- 1998-Present – Owner and President of Vishey Home Inspection, a service of A1-HomInspection.com ® LLC; a Michigan LLC created to conduct engineering commercial and residential consulting & inspection activities.
- 1998 Joined National Association of Home Inspectors (NAHI), Member #6400
- 2002 US Patent & Trademark Office awarded Service Mark "A1-HomInspection.com" #2,645,779
- 2003 Elected to MIC-NAHI Board, Michigan Chapter, NAHI (position held until 2016)
- 2004 Nationally Certified Real Estate Inspector (CRI) #200409 National exam completed & credentials awarded
- 2006 Material Witness, David & Joanne Romain [P] vs. Insurance Services, Case # 05-512147-NO – Documented home conditions and potential non-conformances to Claimed remediation Standards. Collected air samples for Mold/spore Testing by EMPAT-approved lab and reported results. Deposited 8/8/06 (case settled).
- 2006 Consultant – Thetford-Norcold Corporation, Ann Arbor – Conducted 4 Patent Searches on technologies of interest and advised on building code and performance requirements for a future consumer product (confidential). Planned and conducted meetings with corporate leadership and product development teams. Identified and recommended areas of low technical/cost barriers and those with heavy patent coverage. Recommended design concepts and evaluated regulatory and licensing barriers to target product.
- 2009 Registered & Credentialed as NIT (National Inspection Trainer), NAHI, Minnesota – Authorized to teach Inspection technique and criteria nationally in accordance with NAHI Standards and Practices.
- 2009 Consultant – Lydall Corporation – Conduct market research and advise executive management on product applications in defense market sector. Chose target products, then defined customers, programs and points of contact. Organized and scheduled customer meetings. Prepared and presented technical presentations regarding proprietary technologies as solutions for common defense needs. Recommend strategy for added GDLS business.
- 2009 Expert – Lakeshore vs. David [D], Case # 09-03835 GC – Reviewed roofing construction workmanship versus contract and applicable requirements and prepared expert declaration (settled).
- 2009 Expert – Touchton [P] vs. China Twp., US Army Corps of Engineers, & Fidelity National Property and Casualty Insurance Company (Case # unassigned) – Touchton representation – Kevin Hirzel, esq. of Grosse Pointe Woods. Reviewed geographical impacts of road elevation changes and resulting flooding damage from Belle River. Assisted Draft response to multiple government departments and Insurance flood claims partially settled (favorable conclusion).
- 2009 Expert & Consultant - Weiner [D] vs. Home, Door & Window Products, Inc (Case # unknown) - Retained by Charles Baker, esq., of the Trowbridge Law Firm, P.C., to independently review the Plaintiff's work product and offer an opinion regarding case viability and potential Defendant liability – (case settled).
- 2009 Testifying Expert & Consultant – Wingard [D] vs. PuroClean (case # 10-004575-CH) – Review restoration work scope and evaluate Draw requests for fire restoration and mold remediation needs. Wingard representation: Jonathon D. Douglas, Douglas Law, Union Lake, MI - (case won).
- 2009 - 2010 Expert - Giasson vs. RCO [D], Case # 2:08-cv-13667 – Retained by Rader, Fishman & Grauser - Fulfilled preliminary findings and exploration as an Expert in Aircraft Seat Design arbitration; role terminated when the plaintiff elected to pursue jury trial. My support resumed 7/09 as Expert in support of trial (case settled).
- 2009 - 2016 Consultant & Inspector – Southwest Solutions, Detroit, MI – Services retained to review Capital investment requirements for 5-year maintenance projections for over 60 apartment buildings that were recently restored and occupied. Reviewed and directed repairs for pattern failures in furnaces & water heaters across 11 buildings. Reviewed Detroit sewer flooding damage to more than 8 buildings; inspected, tested in accordance with IICRC/AIHA protocols and advised remediation actions for each.
- 2010 Registered FHA/HUD 203(k) Inspector #A124 4/2010, Registered FHA/HUD Consultant #P1584 5/13/2010;
- 2010 – 2012 Consultant– Retained by Bank of America for 203k consulting on residential repairs with 4 homes; all favorably dispositioned.
- 2010 – 2012 Expert & Consultant – Ahee [D] vs. Townhouse Green et. al. (case# 2011-003283-CZ) – Reviewed neglected condo maintenance and resulting mold under the home. Conducted testing per IICRC/AIHA Standards. Client representation: Don Wheaton, esq., of Grosse Pointe, MI (case won).
- 2010 – 2012 Expert & Consultant – Retained by Rodney Heide, Owner, ServPro St. Clair Shores, Review of 4 damaged properties and evaluation of mold remediation effectiveness. Conducted clearance testing per IICRC/AIHA Standards.

2010 – 2018 Consultant & Clearance Inspector – Advanced Mold Services, Clinton Twp., MI – Reviewed over 106 homes in pre-remediation, in-remediation and post-remediation conditions. Advised on materials and processes for remediation and conducted clearance testing to FHA criteria under IICRC/AIHA Methods and Standards.

2011 Expert & Consultant – Retained by Jonathon Alhakim, Owner, Edge Construction, Grosse Pointe. Review of 8 damaged residential and commercial properties and evaluation of repairs and mold remediation effectiveness.

2011 Consultant – Retained by Terri Windemuth, Color Design & Décor, Handy Gals Services, and 5-Star Construction, Sterling Hts, to review and update Business Plan and advise on efficiencies and business structure and processes.

2011 Consultant – Retained by Olympia Entertainment, Detroit, MI to review air quality and particulates in a large office environment – Successfully root-caused the source and recommended needed corrections.

2011 Consultant – Retained by Accu-Temp H&C, Macomb., to review and update Business Plan and advise on efficiencies and business structure, strategy and processes.

2011-2014 Consultant & Inspector – Retained by Habitat for Humanity, Detroit, to review multiple donated residential structures and advise on repair and refurbishment strategy and processes (5 homes).

2011 Confidential Expert & Non-Testifying Consultant [P] – Retained by Rader, Fishman & Grauer PLLC, Bloomfield Hills, on behalf of a client to review alleged patent infringement in an automotive seating system that comprehends complex motion control and data processing.

2012 Testifying Expert & Consultant – Evaluation of mold damages and effects including testimony in Civil Court – Retained by Robert Schropshire [P] to assist with resolution of a rejected insurance claim against AAA Insurance and State Farm Insurance companies. Ref DN-703212, (case won).

2013 Expert & Consultant – Evaluation of professional building damages and potential health risks associated with mold from basement flooding. (tenant vs. Dr. Ron Geb [D]). Work involved building inspection, testing and preparation of a declaration for client defense in alleged personal injury litigation.

2014 Joined the American Industrial Hygiene Association as a regular member (AIHA #187427). From 2018, Published, Contributing Author to “Catalyst”; the Open Forum of the AIHA.

2014 – 2018 Consultant & Clearance Inspector – ServPro, Fraser, MI – Reviewed over 8 homes and businesses in pre-remediation, in-remediation and post-remediation conditions. Advised on materials and processes for remediation and conducted clearance testing to IICRC/AIHA protocols. Prepared remediation Protocol documents.

2014 – 2018 Consultant & Clearance Inspector – Adam’s Restoration, Fraser, MI – Reviewed over 10 homes in pre-remediation, in-remediation and post-remediation conditions. Advised on materials and processes for remediation and conducted clearance testing to IICRC/AIHA protocols. Prepared remediation Protocol documents.

2014 Testifying Expert & Consultant – Retained by Paul Zappa [P] (Zappa vs. City of SCS) – Reviewed residential conditions, mold and risks of a damaged home under ordered demolition. Created action plan for repairs.

2014 Expert & Consultant – Advising Sharleen Immonen [P] and client representation; Don Wheaton, esq. regarding mold and health risks of a moisture damaged condominium. Conducted testing and interpreted third party test results conducted at the request of the Owner’s Association. (Immonen vs. Stonefield Village Condos) (case won).

2014 Expert & Consultant – Retained by Galloway & Collens, PLLC on behalf of Robin & Craig Corrington [P] (Corrington vs. Antenucci # 14-140625 CK). Case involves assessment of workmanship and progress in \$700k of alleged incomplete and shoddy home improvements.

2014-2015 Expert & Consultant – Retained by Musilli Brennen Associates, PLLC on behalf of Oskar Pscheidl, et al [D] (Ferrett vs. Pscheidl, case no. 13-046760-NO(H)) Case involves alleged personal injury from mold exposure and property loss. Included mold testing and condition assessment in accordance with IICRC/AIHA Standards. Included assessment and interpretation of third-party tests, processes and reports. (case settled favorably after peer review).

2015 Expert & Consultant – Retained by JR Bourbina [P] (Bourbina vs. RAM Residential Specialist, complaint no. LCE-992_474650_7 (1). Case involves contractor defects in roofing, gutter and window installation. Case won.

2015 Expert & Consultant – Retained by Brian Stidham [P] (Stidham vs. Ferraro Construction, Case involved contractor defects in bathroom floor heating and poor tile installation workmanship. Case is unfiled, no case # assigned.

2015 Expert & Consultant – Retained by Charles Berschback, esq., on behalf of Dr. Richard Liba [P] (Liba vs. Flood Solutions, complaint no. 2014-214023-CA. Case involves >\$350k in contractor charges, alleged misconduct, water damages & poor workmanship across 47 work increments on two small houses (favorably settled).

2016 Expert & Consultant – Retained by Galloway & Collens, PLLC on behalf of Bettye Carter [D] (Case # pending). Case involves assessment of water damage and mold hazards in a high-rise building with 6 or more stories of water damages from a leak). Includes interpretation of third party mold and asbestos test results. (Case in in process)

2016 Consultant – Retained by Robert Springer & ServPro. Work involved assessment of water damages in response to leaks, identification of possible asbestos hazards and post-remediation mold testing in a private residence – Completed work to customer needs.

2016 Expert & Consultant – Retained by Dana Serio [D]. Case involved assessment of water damage, property loss and mold hazards in a rented, private residence. Included mold testing and condition assessment in accordance with IICRC/AIHA Standards. – Case was favorably settled.

2016 Consultant – Retained by Suzanne Zainea. Work involved assessment of possible water damages in response to doctor-diagnosed conditions. Consulted and tested samples of a private residence. Included mold testing and condition assessment in accordance with IICRC/AIHA Standards – Completed work to customer needs.

2016 Consultant – Retained by Ashley Zimney. Work involved assessment of multiple water damages, claimed physical symptoms and actual mold hazards in a private residence – Completed work.

2016 Consultant – Retained by Richard Znoy. Work involved assessment of multiple water damages, claimed physical symptoms and actual mold hazards in a private residence – Completed work.

2016 Consultant – Retained by Lindsay Richardson [P] vs. Charlie Leone. Case involved assessment of multiple water damages, property loss and mold hazards in a new, private residence – No case # assigned, Completed work.

2016 Consultant – Retained by Elaine Westfall. Service involved assessment of multiple water damages, property loss and mold hazards in a private residence on the first floor of a row Condo on Lake St. Clair. Included mold testing and condition assessment in accordance with IICRC/AIHA Standards. Completed work

2016 Consultant – Retained by Bruce & Cinthia Paterson [P]; (Paterson vs. Harbor Club North). Case involved assessment of multiple water damages, property loss and mold hazards in a private residence. Included mold testing and condition assessment in accordance with IICRC/AIHA Standards – Case was favorably settled.

2016 Testifying Expert & Consultant – Retained by Jamel White [D]. Case involved assessment of water damage, property loss and mold hazards in a residence. Complaint no. 14-012433-CH. Included mold testing and condition assessment in accordance with IICRC/AIHA Standards. – Case is in appeal.

2017 – 2018 Consultant & Clearance Inspector – Advance-Pro Property Damage Restoration, Port Sanilac, MI – Reviewed 4 homes and businesses in pre-remediation, in-remediation and post-remediation conditions. Advised on materials and processes for remediation and conducted clearance testing to IICRC/AIHA protocols. Prepared remediation Protocol recommendations.

2017-2019 Expert & Consultant – Retained by Dan Keil [P] vs. Village Green Corp. Case involved assessment of water damage, property damage and mold hazards in a rented, private residence. Included mold testing and condition assessment in accordance with IICRC/AIHA Standards. – Case was favorably settled.

Personal Details:

DOB: 02-Jun-1958, Age: 61 Years, Sex: Male

Languages Known: English, Spanish

Security Clearance: Secret (inactive)

Software Known: Microsoft Office Suite, Minitab Statistical Software

Past Programming Familiarity: ALGOL, Basic/Basic-A, COBOL, FORTRAN, C, C+, C++, Hex, HTML, Allen Bradley Ladder Logic. Design software familiarity: AutoCAD, Schlumberger, CATIA, SGI/Alias/Sun, Unigraphics

References: Available Upon Request

Declaration: I hereby declare that the above statements are true to the best of my knowledge and belief.



Gregory J. Vishey