

PROFILE

Mr. Timothy Hurley has over 14 years of experience in electrical and mechanical engineering, including an extensive background in conveyor systems, automation controls and fuel island dispensing systems. He provides consulting expertise on incidents involving the failure of commercial/industrial mechanical systems as well as electrical and electronic components. His depth of knowledge is utilized in performing failure analysis investigations, and providing equipment valuation/damage assessment following equipment failures. He has extensive project engineering experience designing and installing conveyor systems, conveyor automation controls and building expansions/ renovations. He is also skilled at inspecting failures of various types of machinery to determine cause of failure. Key strengths include the following:

- ▶ Commercial / Industrial HVAC Systems
- ▶ Automation Controls
- ▶ Power Transmission / Distribution Equipment
- ▶ Medical Equipment
- ▶ Surveillance Equipment
- ▶ Radio Broadcast Equipment
- ▶ Underground Storage Tanks
- ▶ Conveyor System Design and Installation
- ▶ Materials Handling Equipment
- ▶ Telephone / Telecommunications Equipment
- ▶ Computers / Hardware / Software
- ▶ OSHA Guarding
- ▶ Fuel Island Dispensing Systems

- ▶ *Industries:* Forensics, energy and power, petroleum (storage), commercial and industrial buildings, and residential structures
- ▶ *Computer Skills:* Windows, MS Office (Word, Excel, PowerPoint), and Microsoft Project
- ▶ *CAD/Design Packages:* AutoCAD

EDUCATION

Master of Business Administration, 2009
National Louis University – Chicago, Illinois

Bachelor of Science, Electrical and Electronic Engineering, 2004
Marquette University – Milwaukee, Wisconsin

CONTINUING EDUCATION

- ▶ Overcurrent Protection of Conductors
- ▶ Grounded Systems
- ▶ Installing Services
- ▶ Installing Motors and Transformers
- ▶ Arc-Mapping Basics

OFFICE

111 Deer Lake Road
Suite 100
Deerfield, IL 60015

CONTACT

Office: +1 888 782 3473
Cell: +1 248 786 9311
Fax: +1 866 914 7561

Timothy.Hurley@envistaforensics.com

CORPORATE OFFICE

5565 Glenridge Connector
Suite 900
Atlanta, GA 30342

WEBSITE

www.envistaforensics.com

- ▶ Successful Strategies for Handling Boiler/Turbine Failures
- ▶ General Procedures for Failure Analysis
- ▶ Uncomplicating the Heat Pump: Electrical Systems Troubleshooting
- ▶ Power Transformer Failures and How to Investigate Them
- ▶ Medical Imaging Modality Course (x-ray, MRI, and CT scanners)

PROFESSIONAL BACKGROUND

January 2022 – Present: Envista Forensics – Deerfield, IL
Principal Consultant

August 2018 – January 2022: Envista Forensics – Deerfield, IL
Senior Project Consultant

August 2017 – August 2018: Envista Forensics – Deerfield, IL
Project Consultant

August 2012 – August 2017: Envista Forensics – Deerfield, IL
Senior Technical Consultant

October 2008 – August 2012: United Parcel Service – Aurora, IL
Region Environmental Coordinator

March 2007 – October 2008: United Parcel Service – Aurora, IL
Project Engineer

June 2002 – March 2007: United Parcel Service – Hodgkins, IL
Plant Engineering Specialist/Co-op