

## PROFILE

Mr. Holden has over 30 years of experience designing, manufacturing, installing, and servicing high technology manufacturing equipment. Has designed and installed many production facilities throughout the world for optical disc manufacturers including cleanrooms, water treatment plants, electroplating facilities, and particularly optical disc mastering facilities. Mr. Holden has a broad knowledge of manufacturing equipment and processes including laser systems, robotics, high vacuum equipment, broadcast studio equipment, and glass manufacturing process equipment. After graduating and working in several engineering positions in the UK, Mr. Holden has been based in California for over 20 years. Key strengths include the following:

- ▶ Industrial & Commercial Wiring
  - ▶ Industrial Process Equipment
  - ▶ High Vacuum Systems
  - ▶ Industrial Automation, PLC's, and Robotics
  - ▶ Semiconductor Process Equipment, including Cleanrooms
  - ▶ Solid-State & Gas Laser Systems
  - ▶ Medical Equipment (X-ray and MRI)
  - ▶ Electrical Systems
  - ▶ Scientific Laboratory Equipment
  - ▶ Broadcast & Recording Studio Equipment
  - ▶ Machine Tools (lathes, mills, surface grinders, and shapers)
  - ▶ Cryogenic Pumps
  - ▶ Precision Electro-Mechanical & Optical Systems
- ▶ *Industries:* forensics, equipment manufacturing, semiconductors, broadcasting, medical equipment, optics, high-vacuum, commercial and industrial buildings, water and wastewater, and residential structures.
- ▶ *Computer Skills:* Windows, MS Office (Word, Excel, PowerPoint), Visual Basic, and Visual C++.
- ▶ *CAD/Design Packages:* AutoCAD and AutoCAD LT.

## EDUCATION

### **Bachelor of Science, Electrical Engineering, 1983**

*Burnley College – United Kingdom*

## CERTIFICATIONS

### **National Association of Fire Investigators, International**

*Certified Vehicle Fire Investigator, 2017*

*Certified Fire & Explosion Investigator, 2016*

## CONTINUING EDUCATION

- ▶ CSST Fire Investigation Claims: What You Need to Know
- ▶ Investigating Appliance Fires
- ▶ IAAI Investigating Motor Vehicle Fires
- ▶ NFPA 1033 and Negative Corpus

## OFFICE

3002 Dow Avenue  
Suite 120  
Tustin, CA 92780

## CONTACT

Office: +1 888 782 3473

Cell: +1 714 371 7673

Fax: +1 866 914 7561

[Tony.Holden@envistaforensics.com](mailto:Tony.Holden@envistaforensics.com)

## CORPORATE OFFICE

5565 Glenridge Connector  
Suite 900  
Atlanta, GA 30342

## WEBSITE

[www.envistaforensics.com](http://www.envistaforensics.com)

- ▶ Medical Imaging Modality Course (x-ray, MRI, and CT scanners)

## PROFESSIONAL AFFILIATIONS

- ▶ National Association of Fire Investigators

## PROFESSIONAL BACKGROUND

**June 2020 – Present: Envista Forensics – Tustin, California**  
*Senior Project Consultant*

**April 2015 – June 2020: Envista Forensics – Tustin, California**  
*Project Consultant*

**September 2008 – April 2015: ODC Nimbus – Corona, California**  
*President*

**March 2004 – September 2008: ODC Nimbus – Los Angeles, California**  
*Chief Operating Officer*

**January 1999 – March 2004: Optical Disc Corporation – Los Angeles, California**  
*Vice President of Technical Service*

**May 1995 – January 1999: Optical Disc Corporation – Los Angeles, California**  
*Senior Systems Engineer*

**January 1991 – May 1995: THOR Engineering Services (U.K.) – United Kingdom**  
*Owner*

**January 1982 – January 1991: Philips LaserVision – United Kingdom**  
*Various Job Titles*

**August 1978 – January 1983: Philips Electronics – United Kingdom**  
*Engineering Student Apprentice*

## PROFESSIONAL DEVELOPMENT

- ▶ Certified Fire and Explosion Investigation Training
- ▶ Certified Vehicle Fire Investigator Training

## PRESENTATIONS

- ▶ Live demonstration – “Investigating Electrical Incidents” – Sacramento, California, September 2017
- ▶ Electrical Arc Mapping Live Burn in Orange County, California, April 2017
- ▶ Power Surges and Lightning Losses, Phoenix, Arizona, April 2016
- ▶ Electrical Engineering in the Fire Investigation Process, June 2019
- ▶ Smart Home Automation – High End Property Losses, October 2019