

Helena DiLisa | Industrial Hygienist

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Professional Summary:

Helena DiLisa has experience in the assessment of indoor air quality, water damage, mold damage, fire damage, asbestos, lead, and industrial hygiene. She also has performed Phase I Environmental Site Assessments (ESA) for commercial and industrial properties. Mrs. DiLisa is a licensed asbestos inspector in the state of Hawaii. As an environmental consultant, she has experience serving a wide range of private and public sector clients. She has recently been involved in catastrophe and emergency response projects in Lahaina, Hawaii (2023). Currently, she works as an Environmental Technician based out of Honolulu, Hawaii.

Areas of Expertise:

- Water & Mold Damage
- Fire & Smoke Damage
- Hazardous Materials Survey
- Indoor Air Quality

Licenses and Certifications:

Asbestos Building Inspector, EPA AHERA, Certificate # HIASB-5392

Asbestos Management Planner, EPA AHERA, Certificate # HIASB-5392

State of Hawaii Asbestos Project Monitor, Certificate # HIASB-5392

State of Hawaii Lead Inspector, Certificate # PB-1460

40 Hour HAZWOPER, Online Training, Certificate # 709497

Project Experience:

Multiple Commercial Properties, Lahaina, Hawaii

Wildfire Smoke Damage Assessment

Performed smoke damage assessments at several commercial spaces, including malls, restaurants, churches, schools, and retail stores, that were impacted as a result of the Lahaina Wildfire. Combustion byproducts testing was performed throughout the interior and exterior spaces.

Government Buildings, Lahaina, Hawaii

Wildfire Smoke Damage Assessment

Smoke damage assessment was performed at multiple government sites in Lahaina to determine the extent of smoke damage caused by the Lahaina Wildfire. Combustion byproducts testing was performed throughout interior and exterior spaces.

Multiple Residential Homes, Lahaina, Hawaii

Wildfire Smoke Damage Assessment

Conducted smoke damage assessments in several residences impacted by the Lahaina Wildfire.

Hawaii Convention Center, Honolulu, Hawaii
Mold and Moisture Assessment

Performed a site assessment with surface sampling of microbial growth, moisture content readings, temperature, relative humidity and photo documentation of all interior spaces totaling 1,100,000 square feet. Investigated the several factors that contributed to the elevated moisture levels and microbial growth observed throughout the interior spaces.

Commercial Building, Kapolei, Hawaii
LEED Certification

Conducted an IAQ assessment of approximately 147,100 square foot office building in pursuit of LEED Indoor Environmental Quality Credits. Sampled for carbon monoxide, ozone, particulate matter, VOCs, and formaldehyde.

Professional Experience:

Environmental Risk Analysis, Environmental Technician, 2023

Education:

Bachelor of Science in Biology, University of Colorado at Boulder, Boulder, CO, 2013
Master of Science in Biology, University of Hawaii at Manoa, Honolulu, HI, 2018