



Tharun Dasari

Energy Engineer

Tharun is an Energy Engineer at Harris Energy Solutions, LLC. He graduated from New York University with a Master of Science in Mechanical Engineering and a Bachelor of Technology from National Institute of Technology Srinagar.

EDUCATION

New York University – Brooklyn, NY

Master of Science (MS) in Mechanical Engineering

National Institute of Technology – Srinagar, India

Bachelor of Technology (BTech), Mechanical Engineering

RELEVANT EXPERIENCE

- Assisted in inspecting and evaluating PTAC unit heating coil performance, identifying issues, verifying temperature differentials with a FLIR infrared camera, and recommending preventive measures.
- Created detailed Mechanical, Plumbing, Sprinkler, and Structural drawings under supervision. Supported the creation and presentation of documents and project updates.
- Conducted assessments to identify LL97 (Prescriptive Measures) and LL88 deficiencies, implementing corrective actions to ensure compliance and improve building efficiency.
- Created drawings for chiller decommissioning and expansion tank replacement projects, including demolition and installation schematics.
- Assisted in ultrasonic thickness testing and corrosion assessment of domestic water tanks, recommending protective coatings and repairs per FDNY protocols.
- Conducted M/P scoping to identify system replacements and recommended new models for exhaust fans, ventilators, sump pumps, backflow preventers, and drainage systems to enhance efficiency.
- Supported energy benchmarking by surveying Gross Square Footage and utility data for buildings in Washington, D.C.
- Assisted in troubleshooting Domestic Hot Water Systems, identifying failed components, and contributing to optimization plans.
- Aided in Phase 1 Smoke Control System checks at the Justice Complex in Jersey City, performing area mapping, verifying installations, and overseeing TAB work.
- Helped identify and propose compliance measures for LL84, LL87, LL88, and LL97.

CERTIFICATIONS AND SKILLS

Certifications:

- Occupational Safety and Health Administration (OSHA)
 - 30 Hour Construction Safety and Health

Skills:

- Software:
 - MS Office, AutoCAD, Solidworks, C-programming, HAP carrier.



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