

INTERNSHIP OFFER:

Title: **Working experience in a company leader for Air conditioning solutions for technological, industrial and service environments**
Free curricular internship

COMPANY DATA:

- **Company name:** HiRef SpA
Viale Spagna 31/33, 35020 Tribano (PD)
- **Website:** www.HiRef.it

COMPANY PRESENTATION:

HiRef SpA was created in September 2001 as a start-up born in the very heart of the Italian cooling technology district from the entrepreneurial spirit of the Galletti family and the determination of Mauro Mantovan. Over the past 20 years we have become established as technological leaders in the IT infrastructure cooling sector.

We have always stood out for our hands-on approach, flexibility and dynamism: these characteristics have given us and our customers broad prospects for growth and development, making the most of any given opportunities. Today the parent company HiRef has independent spin-offs founded over the years to diversify and make the best use of the many innovative lines that operate in different sectors of HVAC & R and related components.

REFERENCE OF OUR COMPANY:

HiRef meets any cooling requirements with integrated solutions that combine sustainability, technology, innovation, modularity and advanced electronics.

We offer solutions for highly complex projects for the IT and TLC, industrial and services sectors.

Find out about our main projects all over the world:

<https://hiref.com/references/district-heating-with-hiref>

<https://hiref.com/references/hiref-ensures-climatic-comfort-for-a-tv-studio-in-milan>

<https://hiref.com/references/sustainable-innovation-data-centers>

<https://hiref.com/references/precise-climate-control-our-answer-to-textile-challenges>

<https://hiref.com/references/mission-almost-impossible>

<https://hiref.com/references/high-density-air-conditioning-solutions-collaboration-audiovisual-giant>

<https://hiref.com/references/hiref-wins-major-tender-for-supply-of-telecom-units>

STUDENTS OF THE FOLLOWING COURSES CAN APPLY:

Master Degree in Energy Engineering

OBJECTIVES AND METHODS OF THE INTERNSHIP:

We aim at offering students an in-depth perception of our working environment where they could be employed at the end of their studies.

DURATION of the internship, 4 weeks

IMPLEMENTATION PERIOD (indicative proposal): between July and September 2024

PERIOD FOR APPLICATIONS: from the date of publication until 15/06/2024

We reserve to evaluate and communicate the two winning candidates by June 30th

FACILITATIONS PROVIDED:

Reimbursement of expenses of 20€ per day

APPLICATION:

To apply to this call, send your curriculum vitae by e-mail to the following address:
pastoramacias.alzola@hiref.it

Don't forget to specify in the subject, as a reference, the name of this internship:



"Working experience in a company leader for Air conditioning solutions for technological, industrial and service environments".
For any communication and/or information request send an e-mail to the same address.

DETAILS AND PLANNING OF THE ACTIVITIES:

Depending on the training activities, the students will support our internship tutors in carrying out activities connected with the purpose, obviously in compliance with all internal safety procedures.

We propose two different internship opportunities in two different departments (one student for each department): **Quality department** and **Testing labs**. The following tables report the schedule of the different activities that will involve the student in every department.

INTERNSHIP AGENDA

Quality department

First week	Documentary research for product life cycle assessments (LCA studies - Life Cycle Assessment) and consequent EPD certification (Environmental Product Declaration) and Sustainability Reporting.
Second week	Update, control, and archiving of raw material documentation related to environmental directives including REACH, RoHS, and technical directives including PED, Machinery Directive
Third week	Review of integrated system modules and modules for declarations of conformity for finished products
Fourth week	Update of safety data sheets database and paper filing

Testing labs

First week	Laboratory measurements on refrigeration machines and machine components
Second week	Prototyping and modification of standard units
Third week	Thermodynamic analysis of refrigeration cycles and related components. Utilization of in-house developed software for controlling refrigeration units.
Fourth week	Management of test facilities and measurement of performance, as well as analysis thereof. Utilization of measurement instrumentation.

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