

Sathish Kumar S .

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Career Objective

Strive hard to deliver the best results and become an expert in the area of Projects & Research and Development for personal as well as organization's benefit and to always think/act to improve the systems and upgrade myself with the help of the organization.

Brief Profile

Mechanical engineering with total experience of **5+ years**. Looking for a challenging role in Maintenance and Performance, Reliability testing in HVAC&R For a Global Organization.

Professional Synopsis

- Over 5 years of experience in R&D and Testing experience on Refrigerant compressors
- I have a 3.7 year experience in HVAC performance testing
- Possess excellent communication, inter-personal, liaison and problem solving skills
- Manage the project budget for the purpose of ensuring compliance with financial project Goals and objectives

Employment History (Present)

Organization: **ISF Industry Private Limited**

Designation: **Engineer Project Associate(Continues freezer & Bmc)- (feb 2020 to present)**

Responsible for

- Preparing estimation of project test plan and test procedure
- Implemented Safety and technical Standard
- Responsible for organizing and Instructing subordinate with technician to setup the test Freezer & bulk milk cooler.
- Finding causes for failure of component on site
- Responsible for calibration of instruments RTD.
- Responsibility performance testing of Freezer and bulk milk cooler.
- Lead a group of technicians in conducting HVAC performance tests on components such as HVAC, condensers, evaporators etc.

- Analyzing the Actual results versus the Expected results and optimizing the machine.
- Handling Customer Complaints
- Report Preparation
- Thorough Knowledge on HVAC testing standards and Procedure.
- Thorough Knowledge on the latest trends in the market of Commercial HVAC products.
- Knowledge of instrumentation, measuring system and equipment specification
- Witness on manufacture testing
- Handling For freezer Assembly and on time dispatch.

Previous Employment:

Organization: **Danfoss Industries Pvt Ltd**
 Designation: **Associate Engineer- Commercial Compressor Lab (Feb 2015 to Aug2018) (3.7 Yrs.)**
Team lease service Limited

Achievements

- Increased the efficiency of the lab by 100% in terms of testing number of compressors in a span of 12 months by effective planning
- Successful in building and managing teams with high efficiency
- Executed a new calorimeter lab with new Calorimeters(3Kw and 85 KW)
- New life test stands and lab establishment (0.5-15tr)

Responsible for

- Laboratory operational Planning and maintenance activity
- Team management for effective utilization of manpower and team building
- Maintenance of all Documentation for laboratory
- Locked rotor & Acoustic testing of all compressors
- Reliability & Performance testing of all refrigerant compressors
- TDA for reliability test compressors
- Handling Customer Complaints
- Active participation for Qualification All for NABL(ISO17025) accreditation and UL
- Vendor evaluation and certification,
- Good knowledge in Psychometric lab and lab operational
- Maintenance of all Documentation for ISO,NABL,UL
- Team (10 persons) handling

- Hermetic type **reciprocating compressor assembly for frcc standard.**
- **Silver brazing AND copper brazing.**
- **Compressor leak checking.**
- **After performance test completed tear down analysis.**
- **Refrigeration handling knowledge.**

General/ Team Management

- Identifying the training needs of the executives, providing effective leadership to improve the motivation level and enhance the productivity.
 - Collecting & collating specific market information with respect to product, competition, technology and coordinate with R&D/design team for product development.
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Bharat Refrigeration Pvt Ltd (sep 2018- feb2019)

- Cold Room heat Load Calculation.
- Quotation preparation
- Cost estimation.
- New cold room installation .

Additional Skills:

- 35 Days of training in local inspection center scroll compressor cutting and 8D TOOLS used procedure.
- Coordinated in the Installation and testing & Commissioning of Calorimeter.
- Basic Knowledge of the PID Controller , temperature sensors ,Pressure transmitter, High pressure Switch, Mass flow meter
- FMEA Analysis
- Basic Knowledge of the pneumatic and electronic actuating valves
- New Compressor Installation & maintaining Condensing Unit

Strengths

- Multi-disciplinary expertise
- Excellent communication, Result oriented, Analytical, Proactive
- Self-motivation Positive attitude, Strive for continuous learning
- Psychologically Strong

s.no	College	Percentage	Year
1	Kumaran polytechnic college(diploma in mechanical engg)	78	2010
2	Skp institute of technology (B.E Mechanical engg)	6.5	2018

Personal Details :

Father name : Sathish kumar S
Date of Birth : 08 –MAY- 1990
Nationality : Indian
Religion : Hindu
Marriage stats : Married
Languages : Tamil & English
Permanent Address : Aradapattu Post
Thiruannamalai Taluk & dist
Tamilnadu - 606808.

DATE: / /

PLACE: CHENNAI

yours truly,

(S.SATHISHKUMAR)