

# Mohammed Aqib Hussain

Technical Manager/Projects Manager (HVAC)



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Abu Dhabi

05/07/1991

UAE

INDIAN

## PROFESSIONAL SUMMARY

Innovative and Results-driven Technical/Project Manager with 11+ years of experience leading HVAC product development, compliance engineering, and system optimization. Proven success in delivering certified products across MEW, ESMA, SASO, AHRI, QCC, and ASHRAE 90.1 standards, enhancing energy efficiency by up to 20%, Skilled in leading cross-functional teams, managing product lifecycles, and delivering technically superior, cost-effective HVAC solutions

## TECHNICAL SKILLS & CORE COMPETENCIES:

- Product Development & Optimization R&D Lab Testing and Certification
- HVAC Systems (DX Units, Packaged, Split, etc.)
- Compliance: SASO, MEW, ESMA, AHRI, ASHRAE, QCC
- AHRI 210/240, 340/360, ISO 13253 Testing
- Energy Efficiency (EER/SEER Improvements)
- Technical Documentation & BOMs
- Project Management & Cross-functional Leadership

## EXPERIENCE

### TECHNICAL / PROJECTS MANAGER, ABU Dhabi.

Stolway Manufacturing, November 2023-Present

- Lead New Product develop of DX air conditioning systems in compliance with SASO, ESMA, MEW, QCC, AHRI, ASHRAE 90.1 MEPS.
- Improved system EER by 15% across standard product lines, leading to better compliance with regional energy codes.
- Empirical experience in product validation, laboratory testing in accordance with AHRI 210/240 & AHRI 340/360.
- Spearheaded development of explosion-proof HVAC systems for oil & gas sector, reducing project delivery time by 30% through modular design implementation.
- Created detailed reports on project status, milestones achieved, risks identified, action items assigned for senior management review.
- Maintained a close relationship with clients to understand their needs and provide feedback on progress updates.
- Managed project execution to ensure adherence to budget, schedule, and scope.
- Identified, reviewed, and selected vendors and consultants to meet project needs.
- Monitored and tracked project milestones and deliverables.

## **SENIOR MECHANICAL DESIGN ENGINEER**

S.K.M Air Conditioning LLC, July 2014-November 2023

- Developed new product design for Air cooled packaged and ducted split air Conditioners, aligned with different market regulations and standards like ESMA, MEW, SASO 2874, AHRI 340/360, 210/240, AHRI 365, ASHRAE 90.1, ESTIDAMA/QCC.
- Led prototype testing in SKM LAB, collaborated with third-party for certifications.
- Preparation of value engineering proposals for customers to meet their requirements.
- Led the continuous improvement for unitary products which resulted in 15 to 20 % EER improvement.
- Optimized component selection (compressors, coils, fans) to enhance EER and reduce costs.
- Created catalogs, Technical Data Sheets, specifications, BOM (Bill of Materials), for new or Updated products.
- Conducted competitor benchmarking to drive cost reduction and design innovation.

## **EDUCATION**

### **BACHELOR OF ENGINEERING IN MECHANICAL ENGINEERING**

VTU, January 2013

## **PERSONAL INFORMATION**

Marital Status: Married

## **LANGUAGES**

- |                                  |                           |
|----------------------------------|---------------------------|
| • <b>English</b><br>Fluent       | • <b>Urdu</b><br>Advanced |
| • <b>Kannada</b><br>Intermediate |                           |