

VISION

We are committed to become the first choice supplier within the aerospace sector globally

QUALITY POLICY

Sakthi Aerospace is committed to meeting customer requirements and increasing customer satisfaction through continual improvement of our services and Quality Management System

MISSION

Strengthen our competence in Aero-space Design Engineering

Sakthi Aerospace is an AS 9100 Rev B and ISO9001:2008 certified company. Our focus lies in:

- Understanding, meeting and integrating Customer requirements
- Considering processes in terms of added value
- Obtaining results of process performance and effectiveness
- Continual improvement of processes based on objective measurement.



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PRODUCT DEVELOPMENT

DESIGN FROM CONCEPT THROUGH BUILD

DESIGN

- Aerostructures- Metallic and Composite
- Primary and Secondary Structures
- MRO- Ground Support System
- Tooling and Fixture
- Avionics Modification- Mechanical and electrical
- Electric Harness Design
- Subsystems
- Aircraft Interiors

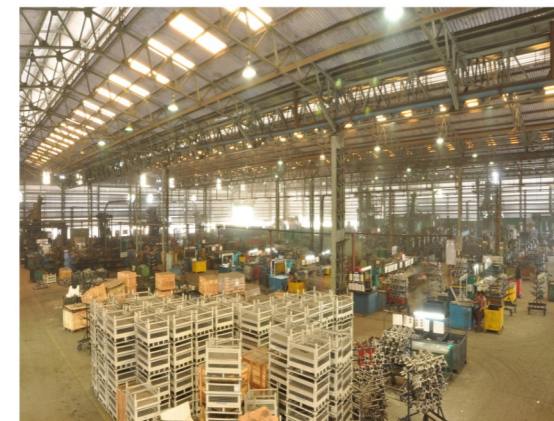
DESIGN CENTER



NDT



MANUFACTURING FACILITY



The Sakthi Group is a 1.2 billion dollar Industrial Conglomerate and one of the fastest growing business groups in South India. The Sakthi Group has a strong market presence in a number of Industrial Domains with a host of group companies, institutions, trusts and foundations operating under its umbrella. These organizations have been playing a significant role in shaping the economic and social development of South India.



Sakthi Aerospace

Sakthi Aerospace Pvt. Ltd is an Aerospace Engineering Services organization based in Bangalore, INDIA. Sakthi Aerospace focuses in providing design engineering and manufacturing support services for Aerospace Industry on all domains ranging from Aero Structures, Electrical harness, Avionics Modifications Ground Equipment, etc. Sakthi Aerospace has global presence with direct and associate offices located in Middle East, Europe and North America

WHY SAKTHI AEROSPACE?

VALUE ADDED ENGINEERING SERVICES

STRENGTHS

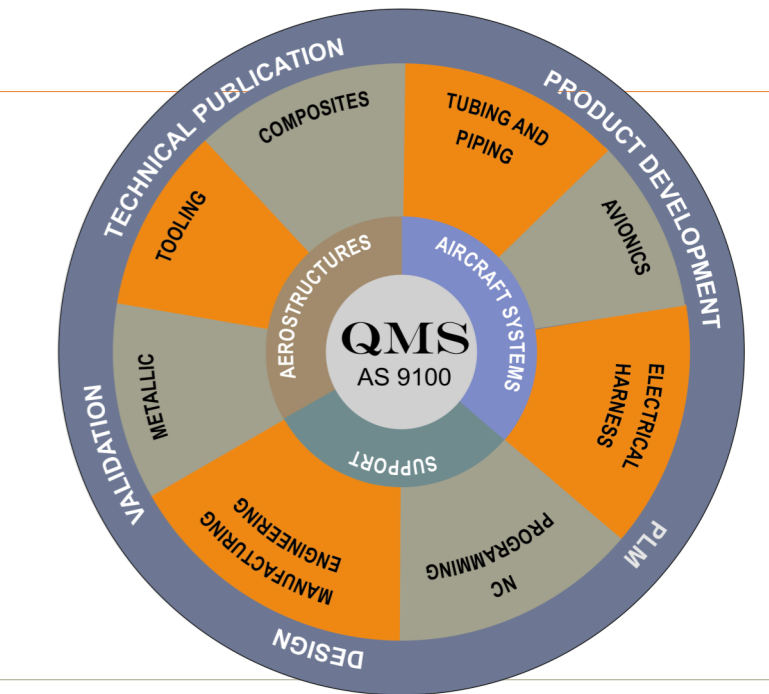
- Our experience in design through build work packages
- Experience to various Maturity Schemes
- Exposure in primary and secondary structure design
- Airbus and Boeing methodologies and tools
- Knowledge of standards like FAA, MIL Std, DIN
- One-stop shop for optimized design and engineering services

PROCESS CENTRIC

- Work Package preparation
- Efficient Program Strategy
- Program transparency models.
- Cross functional skill development
- QMS as per AS9100

COMPETENCIES

- CATIA – V4 and V5
- Solid Works
- Unigraphics
- Pro-E
- Auto CAD
- FiberSim
- Autodesk Inventor
- VeSys



- MSC Nastran/Patran
- Ansys
- Hypermesh
- RSTAB/RFEM
- Fluent
- Gambit
- ENOVIA
- SmarTeam
- TeamCenter

VALIDATION

- Classical hand calculations
- FEM analysis
- Life Estimation- Fatigue and Damage Tolerance
- Kinematics analysis
- Reliability analysis
- Stress report generation

MANUFACTURING SUPPORT

- Precision machining and machined parts manufacture
- Multi axes Machining
- Tooling design and manufacture
- Reverse Engineering
- CNC programming
- Prototyping
- Process Planning
- Production management
- Supply Chain Management
- Shop Floor Process Engineering /Logistics
- PLM implementation