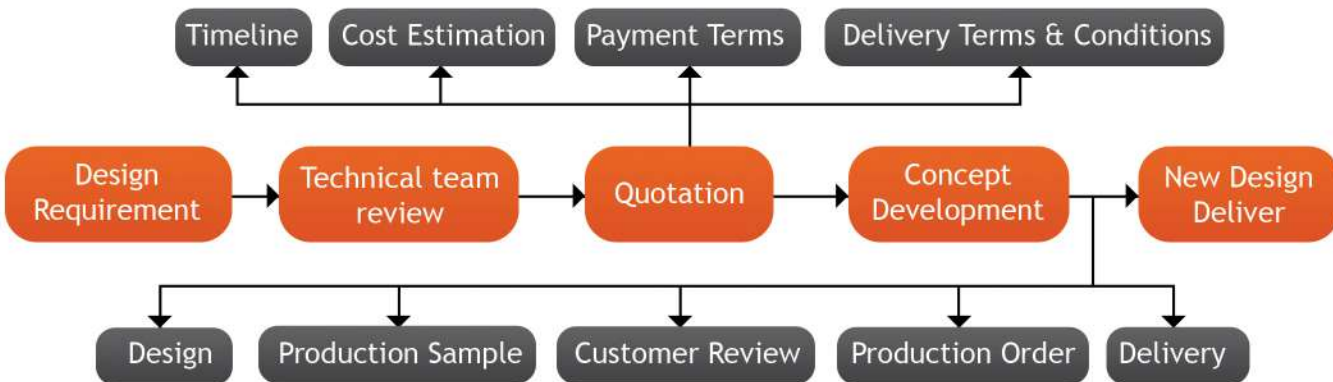


Our Processes

We add value to your business by following a combination of processes at every stage appropriate to each project by recommending cost reductions, streamlining product design, ensuring the best possible supply chain management design for efficient manufacturing and providing rigorous testing facilities and communicating regularly and updating throughout.



UK Office (London)

Sowmya K (Managing Director)
 Kemp House
 152 City Road, London EC1V 2NX
 sowmya.kannappan@focazengineering.com
 Phone: +44(0)7925914450
 www.focazengineering.com

INDIA Office (Chennai)

RMZ Millenia Business Park,
 Phase 2, Campus 4B, 6th Floor,
 No.143, Dr. M.G.R Road,
 Perungudi, Chennai - 600 096, INDIA.
 Phone: +91 9962523459
 www.focazengineering.com

We provide a one stop solution for all your design, analysis, testing and manufacturing needs at Focaz. We specialise in providing all its clients with a total turnkey solution and approach to both engineering design and drawing. Our Design Engineers achieve this with a flexible, creative and innovative approach to the whole design process. We aim to focus on creative problem solving designs and products supported by sound engineering principles.

About us

We have established network of engineers with more the 15 years of experience and capability to meet and deliver the diverse needs of customers around the globe irrespective of the complexity and volume of work.

Why us

- Effective communication by responsive communication throughout the out-sourcing process
- Flexible to exceed the customer demands
- Quality Assurance by following strict work process
- Reliable as we always deliver on time

Sectors we work in

- Automotive
- Aerospace
- Mechanical
- Electrical
- Civil
- Architectural
- Heavy and Industrial machinery
- Power and energy
- General Engineering
- Pharmaceutical



Aerospace Design Services

- New structure development in 2D and 3D environment
- Modification or adaptation of existing structure
- Creation of 2D drawings from 3D design
- Surface NURBS modelling
- 3D design for various primary and secondary structures (metallic and composite structure, shipping equipment & tools, hydraulic system, engine nacelles, pylon systems, cargo system design loads and analysis, cargo containers and rotatory aircraft structures).

CAD / CAE / CAM

CAD Services	CAE Services	CAM Services
Regenerating 2D Drawings	Structural Analysis	2-Axis Turning
2D to 3D Conversion	Multibody Dynamic Analysis	3-Axis Milling
Conceptual Design	Thermal Analysis	4-Axis Milling
Machinery & Equipment Design	Design Optimisation & Redesign	5-Axis Milling
Tool & Die Design	Fatigue Analysis	High Speed Milling
Jig & Fixture Design	Non-Linear Analysis	Prototyping
Reverse Engineering	Frequency Analysis	
3D Modelling	Fluid Analysis	

Testing Services

- NABL Accredited Metallurgical Laboratory Services
 - Metallurgical Testing- Chemical and Micro structure
 - Mechanical Testing-Tensile, Impact, Elongation and hardness
 - NDT-Radiography and MPI
 - Raw material source approval
 - Material selection
 - Failure analysis
 - Laboratory Management
 - Process Qualification
 - Process control and Optimisation
 - Product and Material Conformance
- Inspection and Quality Testing Laboratory Services
 - Third party inspection
 - Raw material inspection & certification

Benefits of Outsourcing with Focaz



- ### Manufacturing services
- Prototyping
 - Reverse Engineering
 - Low cost Manufacturing
 - Machine build parts
 - Power Plant tools
 - Machined Castings and Forgings
 - Sheet Metal Fabrication
 - Anodized Aluminium Fixture parts
 - CNC Machined parts
 - Aluminium Gravity Die Casting
 - Pressure Die Casting



Software Platform Used

- CATIA V4 V5
- Solid works
- AutoCAD
- CAD Overlay
- MSc NASTRAN
- 3D MAX
- Unigraphics
- Pro-E
- Solid Edge
- NX NASTRAN
- UGS NX
- Photoshop

Quality Accreditations

ISO 9001:2008
 APQP and PPAP quality procedures and frameworks
 NABL accreditation laboratory system as per international norms