

3DMAS
Measurements & Solutions



OUR EXPERTISE

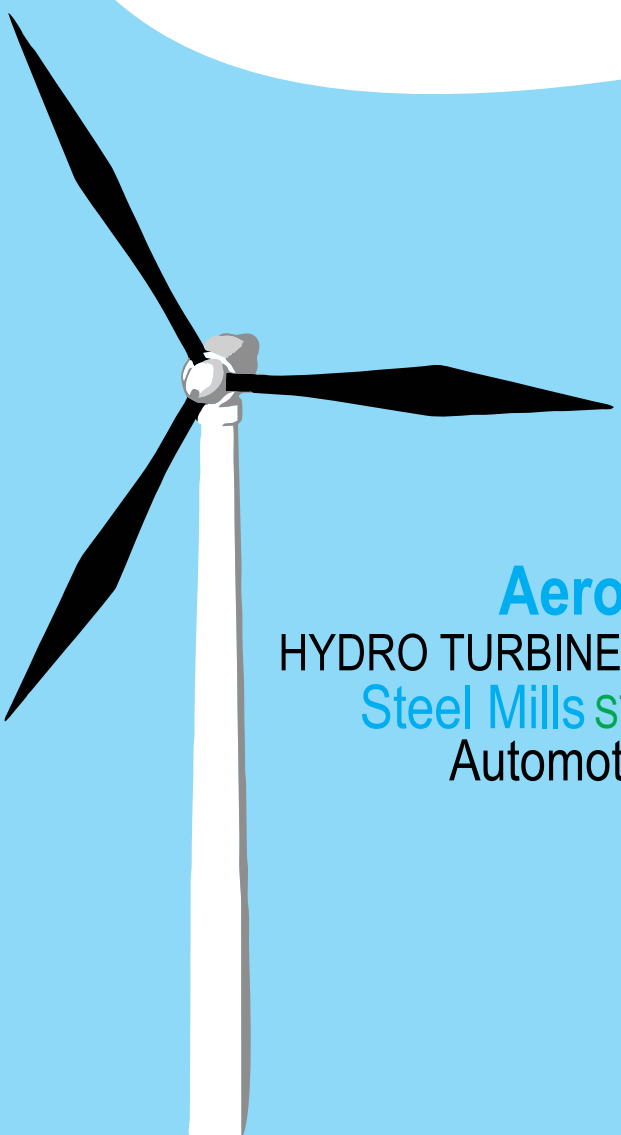
Aerospace

HYDRO TURBINES **Wind Turbines**
Steel Mills **STEAM AND GAS TURBINES**
Automotive Line building



AN EXTENDED SUPPORT TO CLIENTS

We are one of the leading service providers of Laser Tracker Measurement Services. With our vast experience in portable measurement services, **3DMAS** has established itself in measurement and validation work using Laser Tracker. We have expertise and experience in **Aerospace, Wind Turbines, Hydro turbines, Steel Mills, Automotive Line building, Steam and Gas Turbines** and various large size measurement and validations.



Aerospace
HYDRO TURBINES **Wind Turbines**
Steel Mills STEAM AND GAS TURBINES
Automotive Line building



We offer our clients with unmatched range of measurement using Laser Tracker. These are ideal for making large size measurement in **fast and accurate manner**.

The Laser Tracker makes use of Spetial Analyzer Professional software, which enables **CAD based measurement and analysis**. The software is developed by Boeing which is very strong to measure any geometrical shape with precise geometrical tolerances.



Our Engineers have acquired expertise in various domains of measurement such as Aerospace, Wind Turbines, Hydro turbines, Steel Mills, Automotive Line building, Steam and Gas Turbines. Other than providing complete service with our own Engineers, 3DMAS offers rental services where customer has expertise and experience in handling the Laser Tracker.



- 160 m Measurement range
- Up to 0.010 mm accuracy
- Spatial Analyzer Professional software
- Xtreme ADM instant beam acquisition
- Automated compensation
- CAD to Part Comparison Services
- Part to drawing Comparison Services



TOOL DESIGN SERVICES

We are engaged in providing Tool Design Services, **Design Engineering Services**, **Reverse Engineering Services**. With vast knowledge of **Tooling**, we also specialize in undertaking all types of Sheet Metal, moulds, Die Casting, Jigs and Fixtures Tool Design services with the help of our associate companies.

Further, with our reverse engineering competency, we provide complete part-to-part services to our esteemed clients.

We work with our associates and develop tooling for all type of components and castings for our clients.

Features:

- Collecting Engineering data from physical part
- Re-design/Re Engineering to improve product performance
 - New product Design
 - Digitizing of Prototype,
 - CAD models.

TOOL DESIGN SERVICES

With the State-of-the art 3D Scanning facilities, with advanced Software tools our Skilled engineers, **develop 3D Models** (Parametric and Non Parametric) from the Scan data (Point Cloud Data) for various industries to bring their products faster to the market.

Features:

Re-design/Re Engineering to improve product performance

New product Design - Digitizing of Prototype, CAD models, RPT

TRAINING AND CERTIFICATION IN THE FIELD OF METROLOGY

3DMAS Measurements & Solutions offers the following training courses that are available at your facility or at our head office at Ahmedabad.

We invite you to contact us and take advantage of these exciting opportunities to increase your knowledge, skill level, and become a certified expert in the field of metrology.

Training Courses:





TRAINING AND CERTIFICATION IN THE FIELD OF METROLOGY

Technical Qualifications:

A framework of Technical Qualifications designed with industry, for industry.

The Training Framework offers practical application-based training courses designed to improve skills and competencies in measurement from beginner (Level 0) through to expert (Level 4).

Dimensional Measurement Training: Level One

A five day training course introducing dimensional metrology, the importance of good measurement practice and the right measurement behaviors

Dimensional Measurement Training: Level Two

A four day training course building on the knowledge and measurement principles gained through the Level 1 training course.





GD&T Introductory: One Day Course

A one day training course intended to familiarize sales and management staff with an overview of Geometrical Dimensioning & Tolerancing.

GD&T Intermediate: Three Day Course

A three day training course intended for anyone who needs to understand the theory and practice of Geometrical Dimensioning & Tolerancing.

Portable Coordinate Measurement Systems: Level One

A two day training course designed for users of portable coordinate measurement systems (Laser trackers and Portable Arm).

Portable Coordinate Measurement Systems: Level two

A five day training course designed for users of portable coordinate measurement systems (Laser trackers and Portable Arm).

Measurement Systems (Laser trackers and Portable Arm).

Portable Coordinate Measurement Systems: Level two

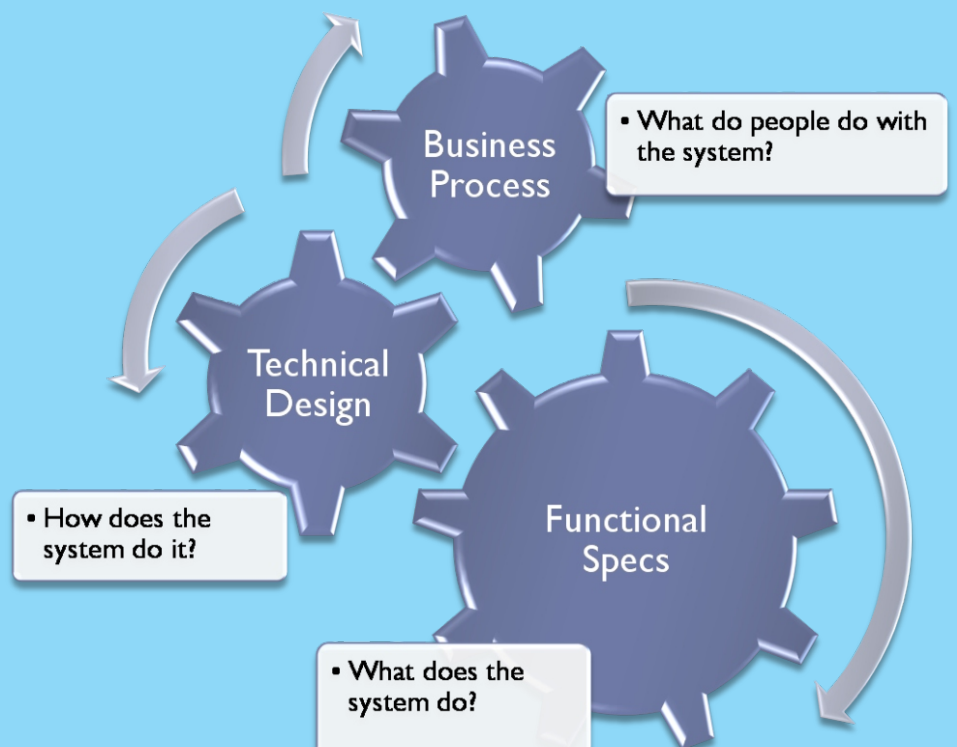
A five day training course designed for users of portable coordinate measurement systems (Laser trackers and Portable Arm).



DESIGN ENGINEERING SERVICES

We specialize in offering our clients with Design Engineering Services, which consists of **2D to 3D Conversion, 2D Drawings, Concept Design, 3D Modeling, Surfacing Model and Reverse Engineering** with the help of our associate companies that are designed to meet our customers requirement. Our skilled knowledge help's us to work in close co-ordination with our clients to understand the design requirements of our clients and offer the solution accordingly.

We offer our clients Reverse Engineering services, which is a process of creating **CAD Models / Drawings of physical object**. This service is sought for cases where the clients might have lost the documentation or want their digital records updated as per the real Object, Product Development.





3DMAS
Measurements & Solutions

REGISTERED OFFICE ADD.

J-204, Akshardham Residency, Opp.Vasant Vihar Bungalows,
Near D Mall Megamart, Naroda-Nikol Road, Ahmedabad

Factory Add.

15,Sardar Patel Industrial Estate,
Near Odhav Ring Road Circle, Odhav, Ahmedabad-382415

