



ASCENT TECHNOCRATS

Manufacturer of Precision Machined Components



An ISO 9001:2015 Certified
Company

Contact Us –
ASCENT TECHNOCRATS
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Maharashtra, India
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E-mail : ascenttechnocratsnsk@gmail.com
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WELCOME TO ASCENT TECHNOCRATS:-

ASCENT TECHNOCRATS – 25 years old manufacturing company (4000 sq. ft. area) which is located in Nashik MIDC area, India. This company is ISO 9001–2015 certified by UKAS , UK and following world class quality systems which is required for manufacturing of Precision Machined Components.

WHO WE ARE :-

- ❖ Industry leaders in CNC machining, 3rd & 4th axis VMC machining
- ❖ Specialists in high–precision components and complex assemblies
- ❖ Trusted partners to a diverse range of industries, including aerospace, automotive, medical, and more

KEY HIGHLIGHTS:-

- ❖ State–of–the–art facilities equipped with advanced technology
- ❖ Highly skilled team dedicated to excellence and continuous improvement
- ❖ Comprehensive quality assurance processes to meet the highest standards
- ❖ Global reach with the capacity to handle projects of any size



Our History

Year 2001



Year 2024



A stack of three books with red and dark brown covers sits on a dark surface. To the left, an open notebook with a black cover and white pages lies flat, with a blue and silver pen resting on its right page. The background is a plain, light-colored wall.

OUR VISION

Ascent Technocrats vision is to establish itself as the pre-eminent global manufacturer of Precision Machined Components.

OUR MISSION

To be a business partner with who is determined to achieve GROWTH by adopting good manufacturing and quality practices. who can provide COST effective solutions through innovations and continual improvements.

Manufacturing Services

✓ Flexible Approach:-

Our flexible manufacturing approach allows us to handle batch quantities as small as 50 units, with the capability to set up high-volume production lines based on customer requests and business potential.

✓ Sub-Assembly Contract Manufacturing : -

Complete sub assembly consisting of many child parts can be supplied in assembled condition with performance qualification and on-time delivery.

✓ Global Reach and Capacity : -

With a well-established network of production facilities and logistics partners, we ensure seamless and efficient delivery of high-quality products worldwide.

✓ 4th Axis Machining : -

Elevate your projects with our 4-axis machining: experience unparalleled intricacy and efficiency. Master complex designs with dynamic work piece rotation across four distinct axes, ensuring unmatched precision.



INDUSTRIAL APPLICATIONS

1. Fitting Parts

Stainless Steel FLANGES, Brass COUPLERS, CONNECTORS, ADAPTORS required in Gas & Water distribution compression fittings.

2. Engine Parts

Nipples, Mass Balancer Sleeves, Nozzles, Shoulder Bolts, Bleeder Screws, Spacers, Tubular Spacers, Distance pieces, Needles, Retainer Cap, Adjusting Screws, Leak off Screws.

3. Automobile Parts

Ball Joints, Studs, Nuts, Bushes, Customized Products, King Pins.

4. Electronic Industry

Proxy Sensor body & Body Nut.

5. Conveyor Industry

Ball Joints, Studs, Nuts, Bushes Customized Products, King Pins.

6. Switchgear Industries (Circuit Breakers)

Bi-metallic lugs, Bi-metallic clamps, angled lugs and aluminum connectors, Screws, Spacers, Shafts, Bushings, Ball Joints, Knobs, Hinges, Studs, Puffer Cylinder, etc.



INDUSTRIAL APPLICATIONS

7. Automatic Teller Machines

Customized Turned Spacers.

8. Pumps

Wall Seats, Connectors, adaptors ,
Pump Valve Insert/components.

9. Construction Equipment's / Earthmoving vehicles

Ball Joints, Studs, Nuts, Bushes,
Customized Products, King Pins.

10. Pneumatic/Hydraulic Industry

Adaptors, Seat Retainers, Screws,
Nuts, Connectors, Valve Seat, Pistons,
Hose Fittings.

11. Threaded Parts

Screw Machined Parts,
Inserts

12. Shock Absorber Assy.

Pistons, Special Nuts, Studs, Flat
Nuts, Spacers etc.

13. Electrical Industry

Pins, D- Shafts, Spacers, Bushings,
Sleeves, Screws, Rollers, Earthling
Plug, Eccentric Stud, Adaptors,
Adaptor Nuts



A close-up photograph of a CNC machining process. A long, polished metal rod is being machined by a tool. The background shows various mechanical components and a blurred industrial setting.

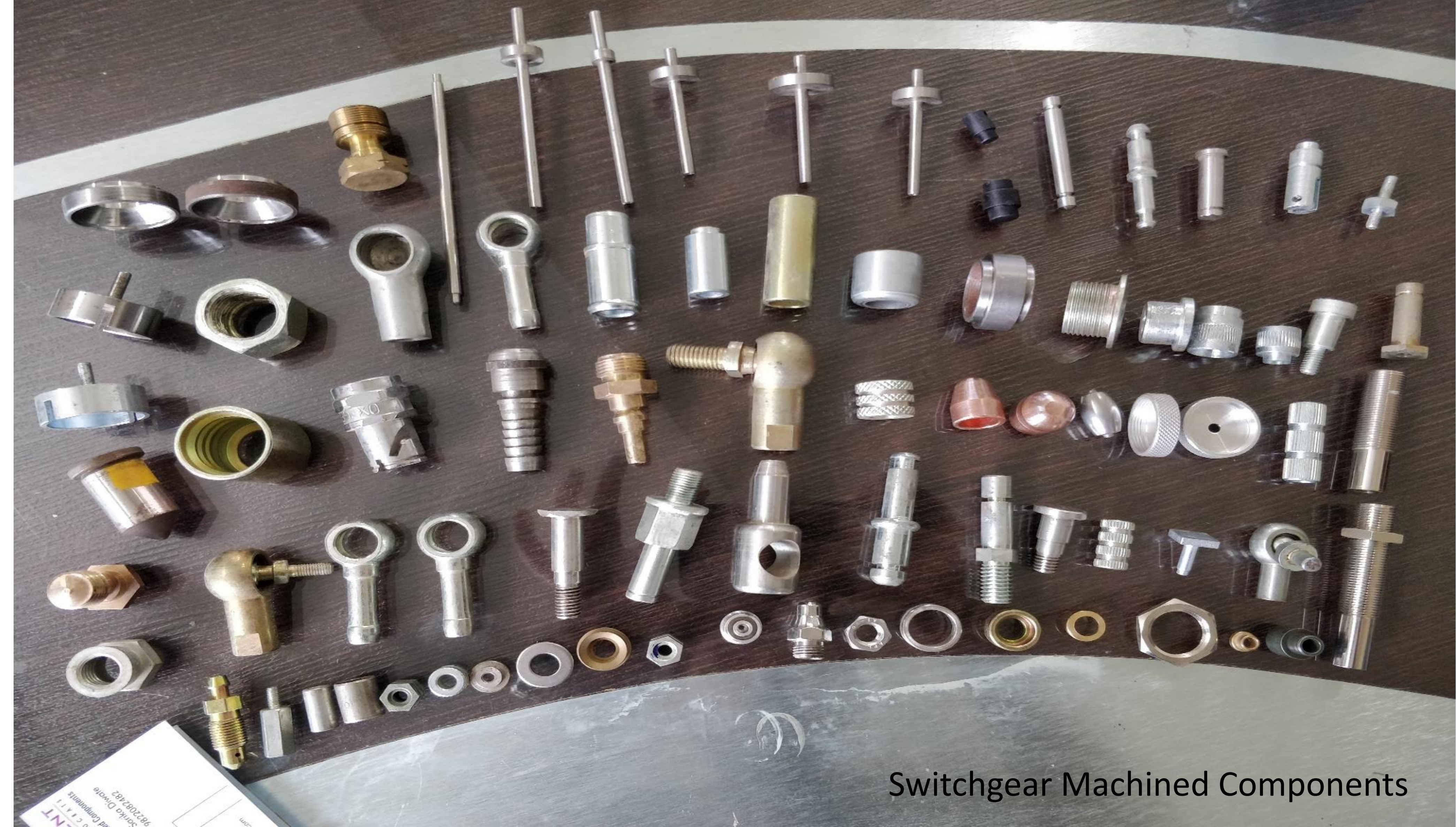
PRODUCT CATALOGUE

Switchgear Machined Copper Components



Precision Machined Components





Switchgear Machined Components

Shafts, Brass Pin & Tubes

A collection of various metal shafts, pins, and tubes of different sizes and materials (aluminum, brass, steel) arranged on a dark wooden surface. Some parts have threaded ends, and one is bent at a 90-degree angle.



Precision Machined Components

Precision Machined Components





Precision Machined Components



Nozzle

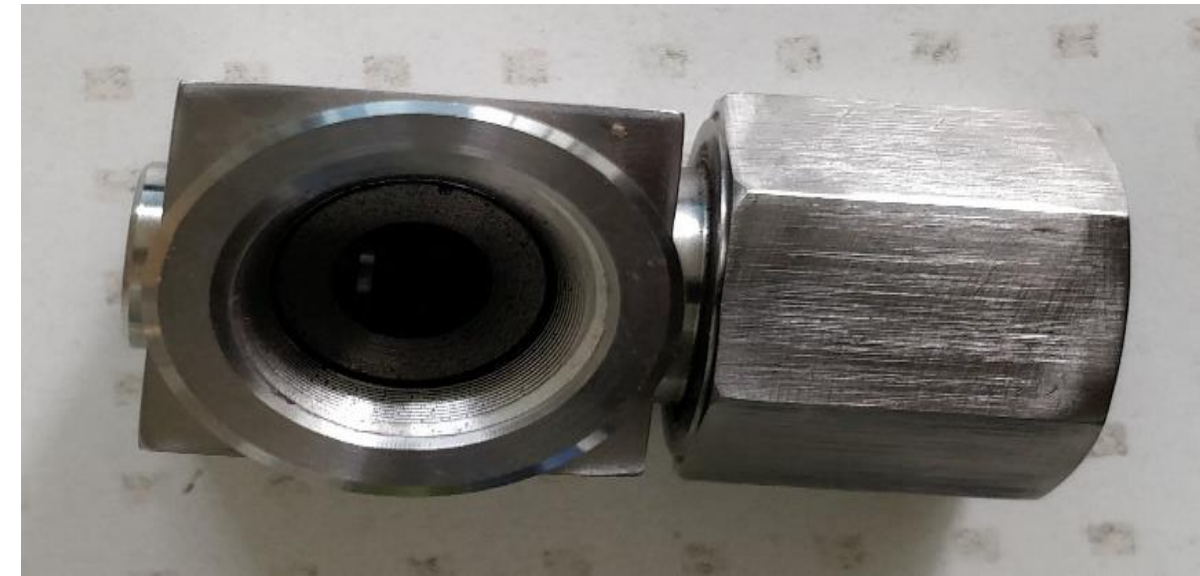
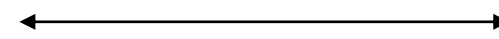
Swivel Sets

Without Assembly

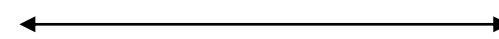
With Assembly



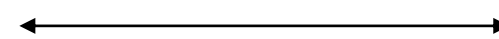
SS316



Brass



PVC





Stainless Steel Connectors



Guiding Bush



T-Connectors



Flange



Connector Assembly



Bush



Shaft



Nozzle tip



Guiding Bush



Adaptors

OUR CUSTOMERS



OUR CUSTOMERS



Bumper India Private Limited



OKAY Tools Pvt Ltd

ACHIEVEMENTS

We had been awarded by AIMA(Ambad Industries & Manufacturers Association) at AIMA Women Preneur Industrial Awards 2024 and also by leading newspaper Deshdoot at Most Successful Entrepreneur Awards 2024.



ACHIEVEMENTS

We had been awarded at Lucy Electric Supplier Meet 2018 and also by Metaforge Engineering Pvt Ltd. In 2014-2015 for providing best quality at the given time.



MANUFACTURING INFRASTRUCTURE

Excellent production facilities supported by skilled & efficient hands to deliver Quality & Delivery schedule laid down by customer.

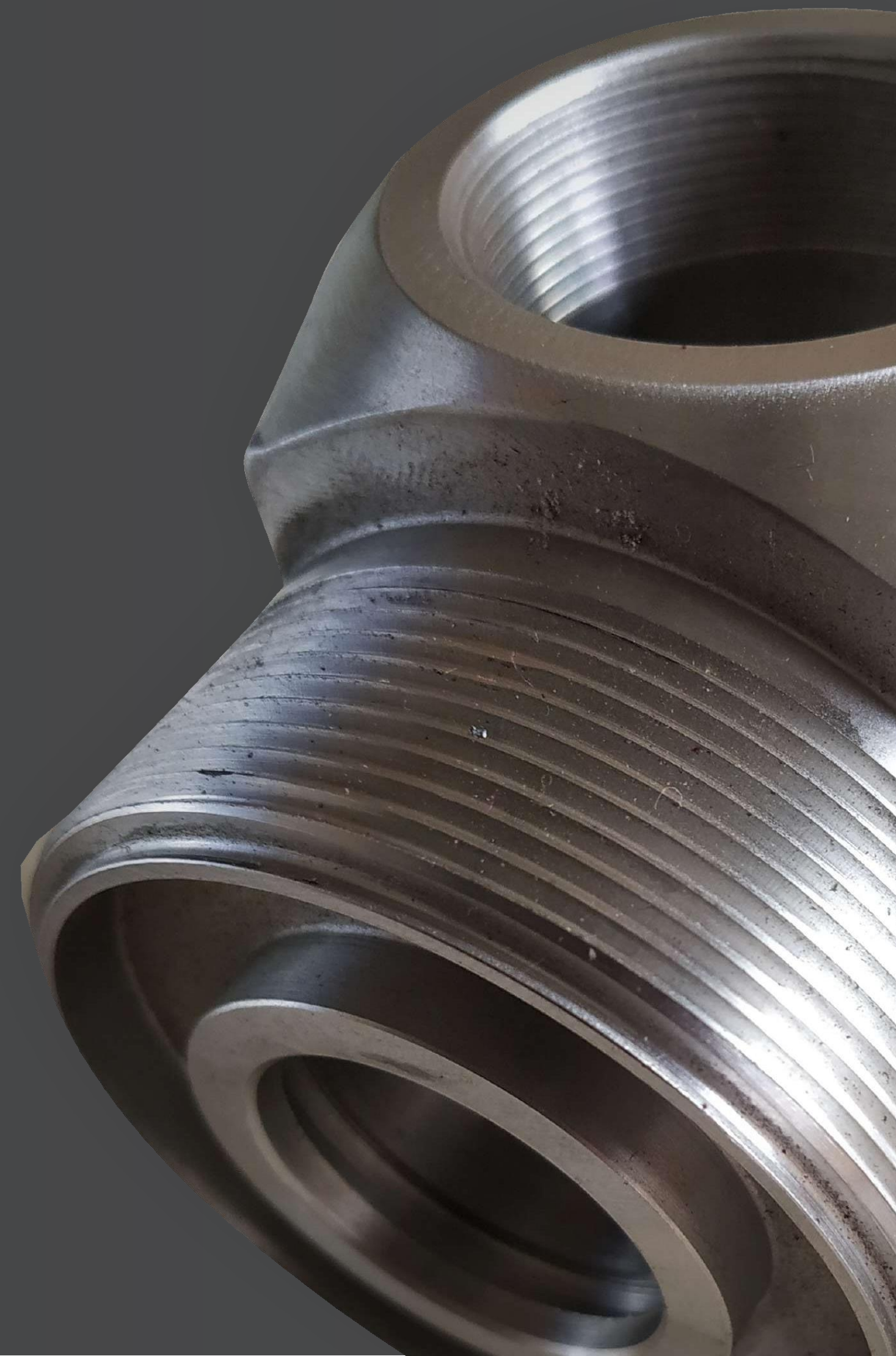
Quality Assurance Dept. with a Standard Room.

Export to UK, Denmark, Germany, UAE, SriLanka through our regular customers & real-time supplies to ISO 9001 certified customers.

Our products go through a variety of heat treatment & surface treatment processes.

We also export to Germany to our various customers.

Presently we handle batch size as small as 50 Nos to mass volume production according to business potential.



VMC MACHINES



VMC Machines



CNC MACHINES



DRO AND TRAUBS MACHINES



Lathe and Band-Saw Cutting Machine Setup



Manufacturing Infrastructure



Manufacturing Infrastructure



Manufacturing Infrastructure



Manufacturing Infrastructure



Manufacturing Infrastructure



Manufacturing Infrastructure



In-House Training Sessions



Company Quality Principles



1S Seiri

SORT OUT :
Take Out Unnecessary Items.

वर्गीकरण :
नकोअसलेल्या वस्तु टाकून द्या.






2S Seition

ORGANIZE :
Place for Everything & Everything on Its Place.

निटनेटकेपणा :
प्रत्येक वस्तुसाठी जागा आणि प्रत्येक वस्तु आपल्या जागेवर.





3S Seiso

SHINE :
Clean up your work place completely.

स्वच्छता :
तुमची कामाची जागा पूर्णपणे स्वच्छ ठेवा.





4S Seiketsu

STANDARDIZATION :
Evolve Standards & Implement Throughtout The Organization.

सुसूत्रता :
उच्च दर्जाची स्वच्छता कायम ठेवा.






5S Shitsuke

SELF-DISCIPLINE:
Bring About Self-Discipline Among The Employees.


शिस्त :
स्वतःहून कामाची जागा चांगली ठेवण्यासाठी लोकांना प्रशिक्षण द्या.





AIM HIGH

QUALITY BEGINS WITH YOU



DO IT RIGHT THE FIRST TIME

Company Quality Principles



**SAFETY FIRST...
HOUSEKEEPING MEANS
SAFEKEEPING**



**शॉप फ्लोर हमेशा
स्वच्छ (साफ) रखें**



SAFETY FIRST...

अग्नी सुरक्षा के छे उपाय

- अलार्म बजाकर लोगो को सतर्क करें 
- आपत्कालीन सेवाओंको संपर्क करें 
- आगको नियंत्रण में लाने की कोशिश करें 
- लिफ्ट का इस्तेमाल न करे सिढ़ियों का उपयोग करें 
- सुरक्षित स्थान की ओर प्रस्थान करें 
- अगली सूचना मिलने तक दुर्घटना स्थल पर न जाए 



**SAFETY FIRST...
PRODUCTION IS A MUST,
BUT SAFETY IS FIRST**



ALWAYS !

**उत्पादन जरूरी,
मगर सुरक्षा प्रथम**

Dussehra Celebration



MACHINES INFRASTRUCTURE

Sr. No.	Machine	Make/Model	Capacity	Qty. (Nos.)
1.	CNC Lathe	ACE	D 200mm	2
2.	CNC Lathe	LMW	D165mm	1
3.	CNC Lathe	Mac Power	D165 mm	1
4.	VMC M/c with 4 th axis	Cosmos	800 x 450 mm	4
5.	VMC M/c	AMS	500 x 300 mm	1
6.	Lathe M/c	Crawn	6.5ft	2
7.	Lathe M/c	Kirloskar	5.5ft	1
8.	DRO Milling	Pac mill	1250 x 350	2
9.	Conventional Milling	Atlas	750 x 250	1
10.	Traub m/c A 60	PMT	60mm	1

MANUFACTURING INFRASTRUCTURE

Sr. No.	Machine	Make/Model	Capacity	Qty. (Nos.)
11.	Traub m/c A 42	PMT	42 mm	1
12.	Traub m/c A 32	Abhijit	32 mm	4
13	Traub m/c A 25	Arrow	25 mm	2
14.	Tapping m/c	Jyoti	3/8"	1
15.	Band Hacksaw	Jyoti	8"	2
16.	Band Saw Cutting Machine	Swastik	200 mm	1
17.	Orgun Welding Machine	Rilon	–	1
18.	Pipe Cutter	Dewalt	–	2

QUALITY SET UP

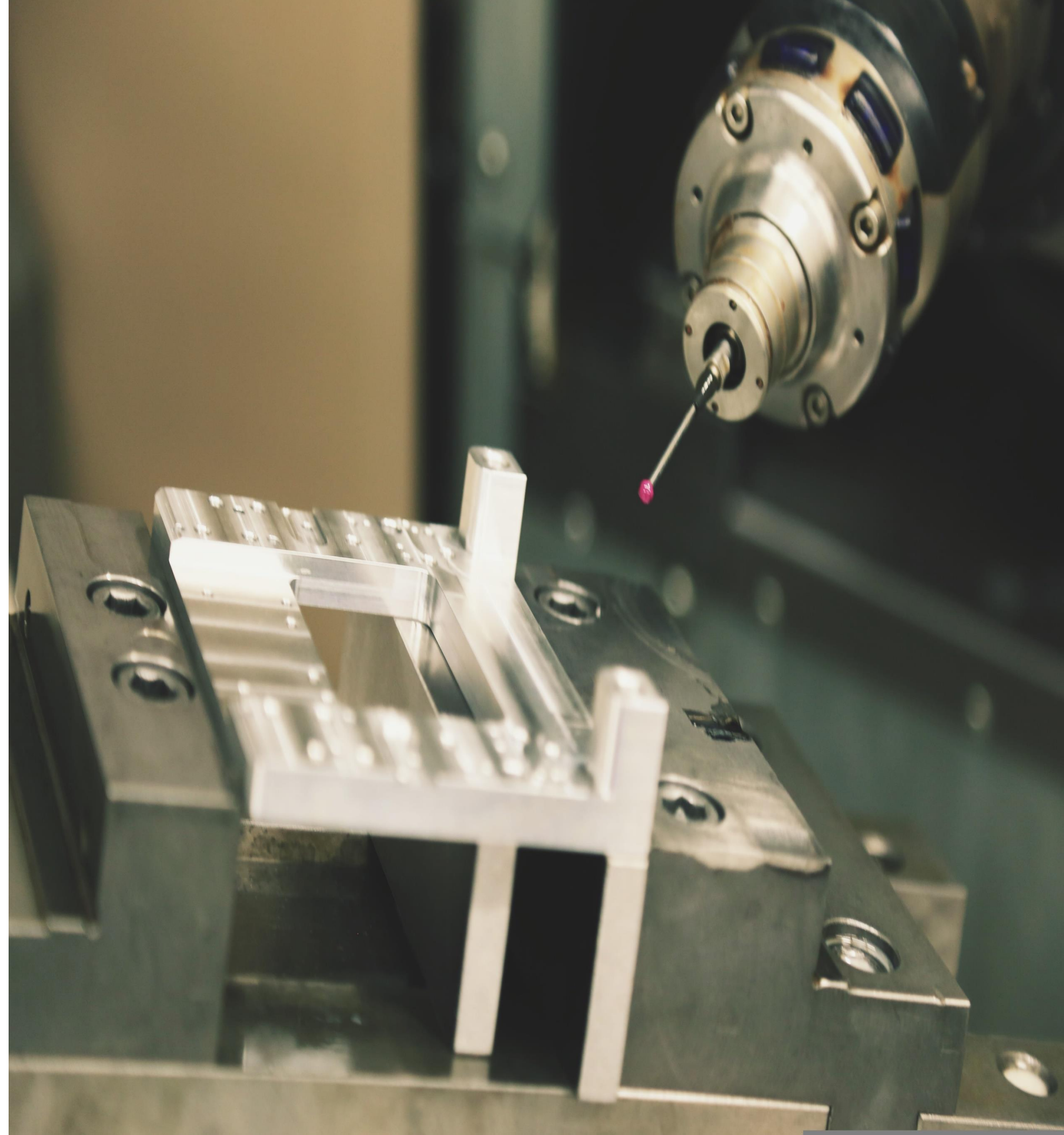
As an ISO 9001-2015 certified company quality has been integrated into the entire Manufacturing systems.

Quality plans for receiving / final Inspection & process control plans for every component have been the basis of the production process.

SPC techniques have been incorporated to monitor production and for some critical components a minimum acceptance criteria is of Cpk 1.67.

Codes and standards followed in manufacturing and Quality

DIN 1651	BS 970-1
DIN	IS 1367
10088	DIN 71
IS 4170	802
IS 2500	ISO 2768
IS 1875	IS 2062









QUALITY SET UP

Sr. No.	Model	Make	Capacity	Qty. (Nos.)
1.	Digital Vernier	Mitutoyo, Japan	0 –150 mm	2
2.	Digital Vernier	Mitutoyo, Japan	0 –200 mm	1
3.	Dial Vernier	Mitutoyo, Japan	0–300 mm	1
4.	Digital Micrometer	Mitutoyo, Japan	0 –25mm	1
5.	Dial Vernier Caliper	Mitutoyo, Japan	0–150 mm	2
6.	Dial Vernier Caliper	Mitutoyo, Japan	0–200mm	1
7.	ID Micrometer	Aerospace	0 –25 mm	1

QUALITY SET UP


Sr. No.	Model	Make	Capacity	Qty. (Nos.)
8.	Groove Micrometer	Aerospace	0–25 mm	1
9.	Surface Plate	Jash	300*300	1
10.	Magnetic V blocks	Crystal	6”	2
11.	Micrometer	Mitutoyo, Japan	0–25mm	4
12.	Micrometer	Aerospace	25–50mm	1
13.	Height Gauge		0–300mm	1

Third-Party material test report after receiving the material


		VSP TESTING & CALIBRATION LABORATORY			
		CHEMICAL, MECHANICAL, METALLURGICAL & CORROSION TESTING		TC-6265	
H-112/9, Shree Ashtavinayak Indl. Premises Co-op. Society, MIDC Ambad, Nashik - 422 010. Tel.: 0253-6637135, 9607217765, 9370317765. E-mail : vsplaboratory@gmail.com Website : www.vsp-testinglab.com					
TEST REPORT					
				FRM/TEC/07 R.03 ULR.-TC620524000009448F	
CUSTOMER:	ASCENT TECHNOCARTS		REPORT NO:	J-0914-S	
ADDRESS:	Plot No- W-205, MIDC, Ambad, Nashik-422 010		DATE :	25/Jun/2024	
			PAGE NO:	1 of 1	
Ref / Challan No:	136		Sample Received on:	18/06/2024	
Sample Description:	Hex Dia 13.0mm Cut Piece Sample.				
	GRN No- 0329				
Specification	En-1A				
I. MECHANICAL TESTING			II. CHEMICAL TESTING		
1. MECHANICAL PROPERTIES OF METALS			1. METALS & ALLOYS		
TENSILE TEST			CHEMICAL ANALYSIS		
(Test Method- IS-1608 P1-2022)			(Test Method:-ASTM E-415-21/ IS-8811-18 / JISG1253-13)		
Test Date:- 21/06/2024			Date:-21/06/2024		
PARAMETER	RESULT	ELEMENT	RESULT	R/V As Per BS-970 (1995)	
Diameter (mm)	9.96	Carbon (C %)	0.083 ✓	Gr.- En-1A	
Area (mm ²)	77.91	Manganese (Mn %)	1.09 ✓	0.07 – 0.15	
Gauge Length (mm) 5.65√A	50.00	Silicon (Si %)	0.023 ✓	0.80 – 1.20	
Final Gauge Length (mm)	57.90	Sulphur (S %)	0.21 ✓	0.10 max	
Yield Load (kN)	50.20	Phosphorous (P %)	0.047 ✓	0.20 – 0.30	
Ultimate Load (kN)	52.92	Chromium (Cr %)	0.021	0.070 max	
Yield Stress (N/mm ²)	644.31	Nickel (Ni %)	0.007	-----	
U. T. S. (N/mm ²)	679.22	Molybdenum (Mo %)	0.006	-----	
% Elongation	15.80				
Fracture	W.G.L.				
HARDNESS TEST:- (IS 1586-1 2018) Test Date:- 21/06/2024					
HARDNESS (HRBW) 95, 96, 96					
----- END OF REPORT -----					
Remark: Material conforms to BS 970 (1955) Gr- En-1A with respect to Chemical test carried out.					
CHECKED BY		AUTHORIZED SIGNATORY			
					
					
		S V Patil Quality Manager		S A Shaikh Technical Manager	
<p>* Sample (s) drawn by customer & not by VSP Testing & Calibration Laboratory. * Test report pertains only to the particulars sample (s) tested. * Sample description as described by customer. * This report shall not be reproduced except in full, without the written approval of the laboratory. * When Statement of Conformity to a specification or standard for the test (e.g. pass or fail) is required, the decision rule as per VSP Work Procedure WP/QMS/010 is applied</p>					



Calibration reports



RELIABLE ACCURATE INSTRUTECH LLP.
Work Add.: Plot No.: PAP-89, Third Floor, Gala No.: 6,
Above IDBI Bank ATM, MIDC, Ambad, Nashik- 422010.
Contact : +91-7219601124, 7774029977
E-mail : railip2024@gmail.com



CC-3476

CALIBRATION CERTIFICATE

ULR No : CC347624100001700F		Certificate No : RAIL/202465/1		Page Number : 01/02	
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Customer Name & Address	Date of Receipt		30/05/2024	
	Date of Issue		31/05/2024	
	Date of Calibration		30/05/2024	
	Next Calibration Due (Suggested by Customer)		29/05/2025	
	Customer Challan No & Date		Thr : SS INS. & 30/05/2024	

SRF No.	: RAIL/240530/65	Calibration Location	: In house
Condition of Instrument	: OK	Calibration Procedure	: CP-01
Standard Reference	: IS 16491 PART 1 (2016)	Calibration Method	: Direct Method

DETAILS OF UNIT UNDER CALIBRATION (UUC)

Name of Instrument	: Digital Caliper	Make	: Mitutoyo
Identification No.	: AT/VC/02	Model	: ---NA---
Serial no.	: ---	Range	: 0 to 200 mm
Accuracy	: ---NA---	Resolution/Least Count	: 0.01 mm
Location	: ---NA---		

Environmental Conditions:

Temperature	: 20.5 °C	Humidity	: 50 %Rh
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DETAILS OF STANDARD USED FOR CALIBRATION

Instrument Name	Id/Se. No.	Certificate No.	Calibrated By	Valid Upto
SARE OF SLIP GAUGES (88PCS) GRADE -0	ASAE/RS/01	N/01/220006	ACCURATE ENGINEERING CO. PVT. LTD.	10/09/2024
CALIPER CHECKER	ASAE/RS/08	P/09/230039	ACCURATE ENGINEERING CO. PVT. LTD.	07/01/2026

DISCIPLINE : Mechanical

External Measurements

Nominal Readings	Observed Average Readings	Error
mm	mm	mm
0.00	0.000	0.000
20.00	19.993	-0.007
20.02	20.013	-0.007
20.50	20.493	-0.007
21.00	20.993	-0.007
50.00	49.993	-0.007
100.00	99.993	-0.007
150.00	149.993	-0.007
200.00	199.993	-0.007

Internal Measurements

Nominal Readings	Observed Average Readings	Error
mm	mm	mm
0.00	0.000	0.000
20.00	20.007	0.007
50.00	50.007	0.007
100.00	100.007	0.007
150.00	150.007	0.007
200.00	200.007	0.007

Depth Measurements

Nominal Readings	Observed Average Readings	Error
mm	µm	µm
25.00	25.000	0.000
50.00	50.000	0.000
100.00	100.000	0.000

PARALLELISM & FLATNESS

PARALLELISM OF EXTERNAL MEASURING FACES	0.006 mm
PARALLELISM OF INTERNAL MEASURING FACES	0.005 mm

Calibrated By


Rahul Ramole

Calibration Engineer


Checked And Approved By

Abhishek Ahire

Quality Manager



RELIABLE ACCURATE INSTRUTECH LLP.
Work Add.: Plot No.: PAP-89, Third Floor, Gala No.: 6,
Above IDBI Bank ATM, MIDC, Ambad, Nashik- 422010.
Contact : +91-7219601124, 7774029977
E-mail : railip2024@gmail.com



CC-3476

CALIBRATION CERTIFICATE

ULR No : CC347624100001700F		Certificate No : RAIL/202465/1		Page Number : 02/02	
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Expanded Uncertainty

Uncertainty of Measurement :		± 24.6 µm
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Remarks :

- * The reported uncertainty is at coverage factor k=2 which correspond to a coverage probability of approximately at 95% Confidence Level.
- * Above results are average of three readings.
- * This certificate refers only to the particular items submitted for calibration at lab / Site.
- * This Certificate may not reproduced other than in full, except with the prior written approval of the issuing laboratory.
- * The uncertainty evaluation has been carried out in accordance with NABL Requirements.
- * Any corrections to certificate invalidated this certificate.
- * The calibration results reported in this certificate are valid at the time of and under the stated conditions of measurement.
- * This instrument was calibrated against laboratory standards whose values International Standards traceable to recognized National / International Standards.

Calibrated By

Rahul Ramole

Calibration Engineer

Checked And Approved By

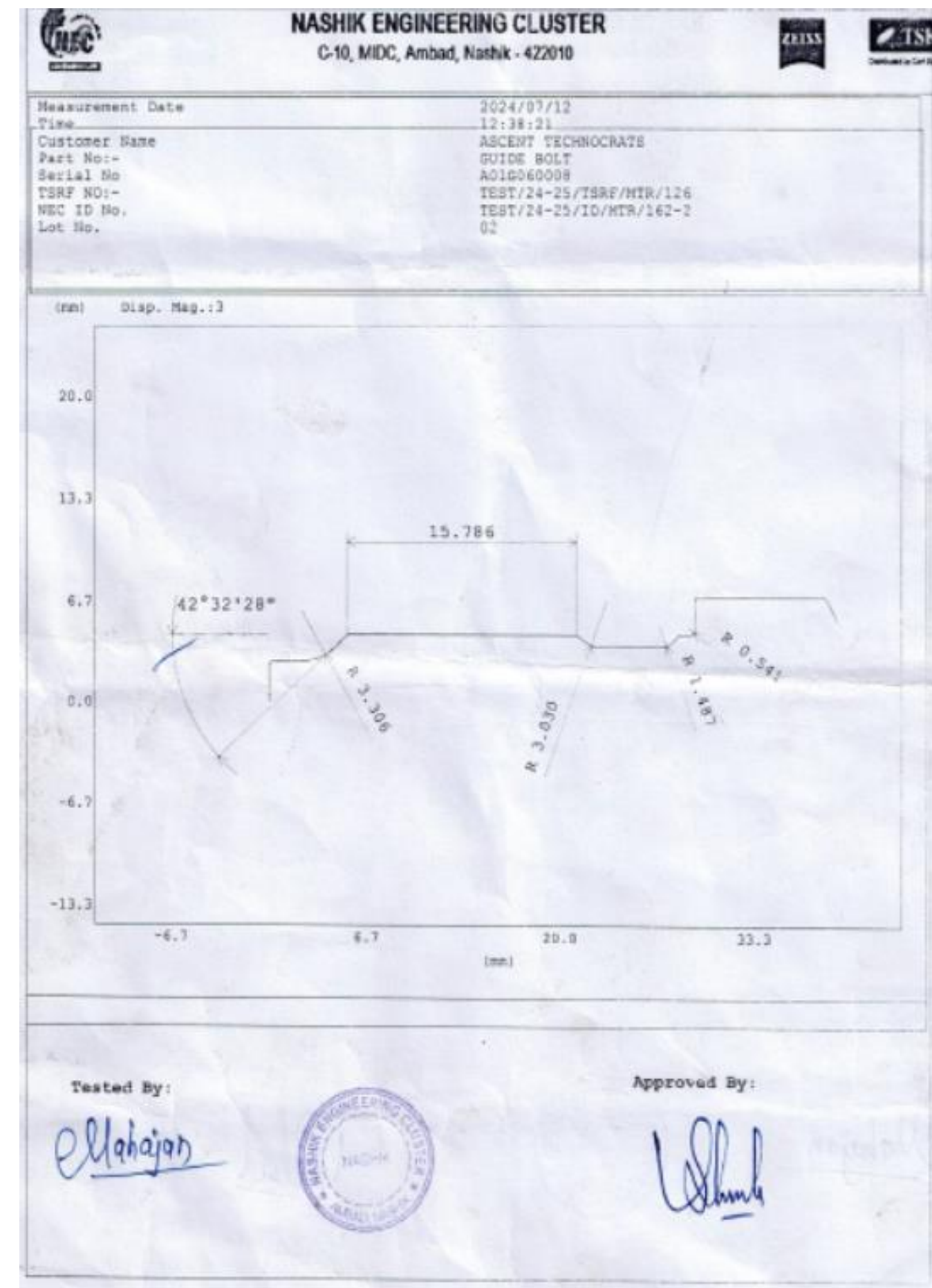
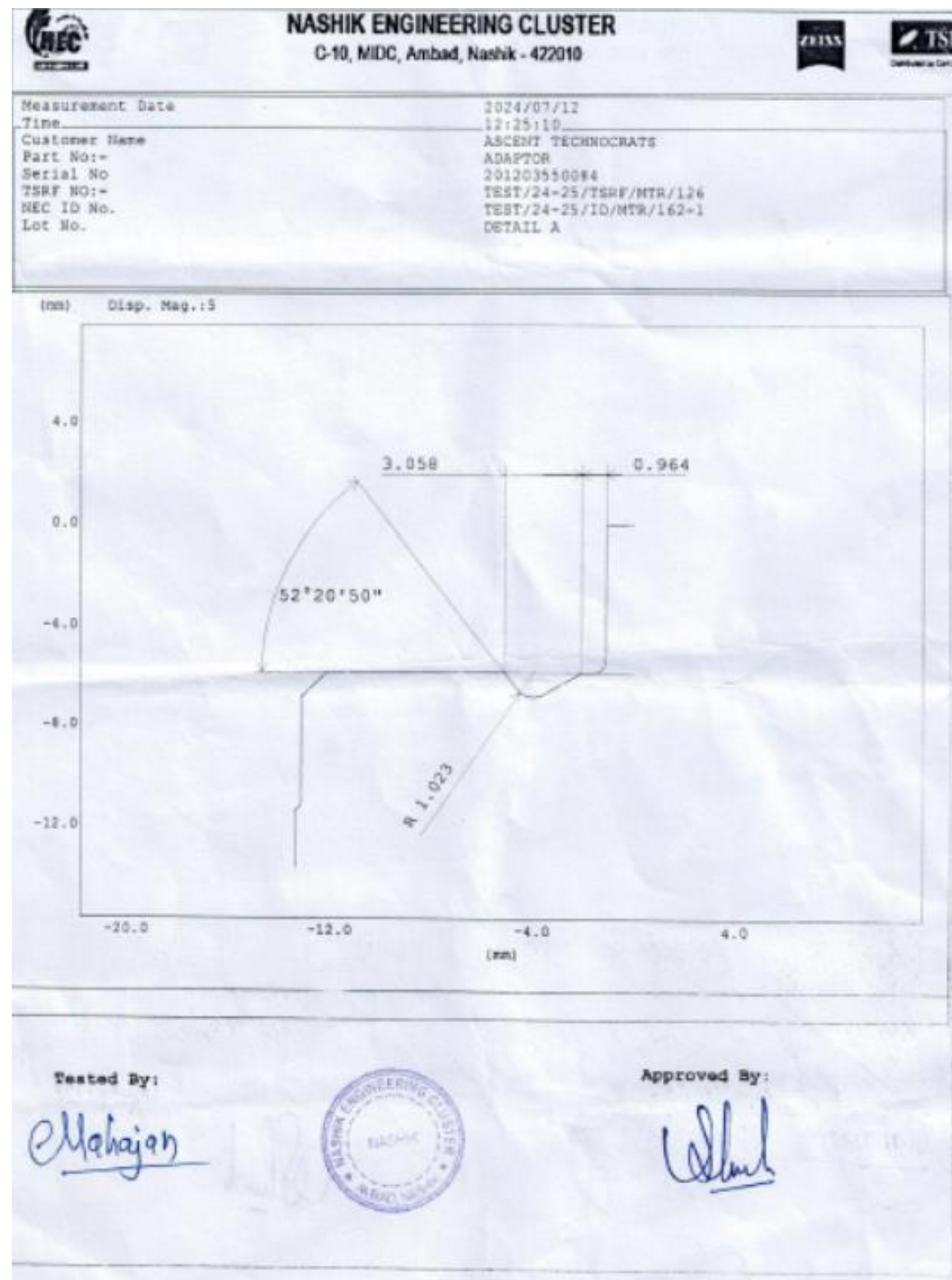
Abhishek Ahire

Quality Manager

END OF CALIBRATION CERTIFICATE

Third- Party Inspection reports before final dispatch

NASHIK ENGINEERING CLUSTER	
(Under the aegis of Department of Industrial Policy & Promotion, (DIPP), Ministry of Commerce & Industry, Govt. of India, New Delhi)	
NABL Accredited Testing & Calibration Laboratory as per ISO/IEC: 17025:2017, Certificate No.: TC-5448 & CC-2248	
"Sahastrarashmi", C-10, MIDC, Ambad, Nashik-422 010. Tel.: +91 253 6699231,32,91 TeleFax: + 91 253 6699222 E-mail : calibration@nec.org.in, quality.lab@nec.org.in, testinglab@nec.org.in, info@nec.org.in, website: www.nec.org.in	
TEST REPORT	
Page No.: 01 of 01	
TEST REPORT NO.: TEST/24-25/TR/MTR/246	
Date: 12.07.2024	
1.0 Name and address of customer	: M/S. ASCENT TECHNOCRATS W-205, MIDC, AMBAD, NASHIK - 10
2.0 Customer letter/Ref No./DC No.	: 587 Date: 12.07.2024
3.0 Date of receipt and Condition Of test sample	: 12.07.2024 Satisfactory
4.0 Description of test sample	: Sample Name : 1) ADAPTOR (201203550084) – 1 Nos. 2) GUIDE BOLT (A01G060008) – 1 Nos.
5.0 Test method	: TSRF No. : TEST/24-25/TSRF/MTR/126
6.0 Date of testing	: NEC ID No. : TEST/24-25/ID/MTR/162 (1-2)
7.0 Details of test	: As per Customer requirement.
8.0 Witnessed By	: 12.07.2024
9.0 Enclosure	: CONTOUR PROFILE TEST
Note: 1. This report relates only to the particular sample tested at NEC, Nashik. 2. This report cannot be reproduced in part under any circumstances. 3. Publication of this report requires prior permission in writing from CEO, NEC. 4. Only tests asked for by the customer have been carried out. 5. In case of any dispute, Nashik will be the exclusive jurisdiction & shall be construed as where the cause has arisen. 6. Any Error in this report should be brought in our notice within 30 days from the date of issue of this report	
Caution: NEC is not responsible for the authenticity of photocopied or reproduced test reports. NEC provides support to customers for verification of the authenticity of test reports issued by NEC.	
Test results are as per enclosed sheets.	
Prepared By: Mahesh Mahajan (Testing Engineer)	Checked By: Rahul Golekar (General Manager)
Approved By: Jalindar Shinde (General Manager) GR/NEC/TC/01	
Services Offered: Testing/ Calibration, CNC Machining Center, RPT, CMM, Metallurgical Lab, Electrical Testing, Environmental Testing, Heat Treatment, Seminar Halls & Auditorium Etc.	



Our Upcoming Quality Instruments

**Digital Mitutoyo / Electronica 2D
Height Gauge**



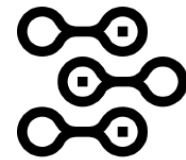
Mitutoyo Surface Roughness Tester



WHY ASCENT TECHNOCRATS?



Flexibility: Multiple
Delivery Options



High Technology
Standards



Speed of
Service



Cost Effective Quality
Manufacturing



Efficient Business
Execution



Long Term
Commitment

Customer Feedback

"Partnering with ASCENT TECHNOCRATS has been a game-changer for our business. Their commitment to precision and quality is unmatched, and their ability to handle complex projects with ease has significantly improved our production efficiency. The team's expertise, state-of-the-art technology, and outstanding customer service make ASCENT TECHNOCRATS a trusted and invaluable partner. We couldn't be more satisfied with the results and look forward to continued collaboration."

– A Satisfied Customer

Director :
Sarika Divate

Contact details :
+91 9373673870

Website : www.ascenttechnocrats.com

Email ID :
ascenttechnocratsnsk@gmail.com

akash.divate@ascenttechnocrats.com

// THANKYOU //