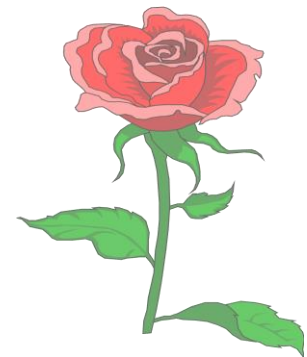


 **PRECI-MAC ENGINEERING ENTERPRISES**

COMPANY PROFILE

MANUFACTURE AND SUPPLY OF PRECISION MACHINED COMPONENTS





PRECI-MAC ENGINEERING ENTERPRISES

An ISO 9001 : 2015 Certified unit



CERTIFICATE

Management system as per
ISO 9001 : 2015

The Certification Body TÜV INDIA hereby confirms as a result of the audit, assessment and certification decision according to ISO/IEC 17021-1:2015, that the organization

PRECI-MAC ENGINEERING ENTERPRISES
Shed No. B-57, KSSIDC Industrial Estate,
Kumbalagodu, Bengaluru - 560 074,
Karnataka,
India



operates a management system in accordance with the requirements of ISO 9001:2015 and will be assessed for conformity within the 3 year term of validity of the certificate.

Scope -

Manufacture and supply of Precision Machined Components.

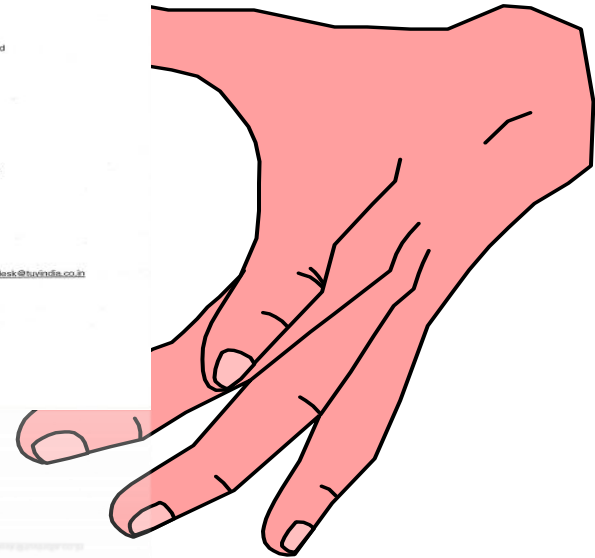
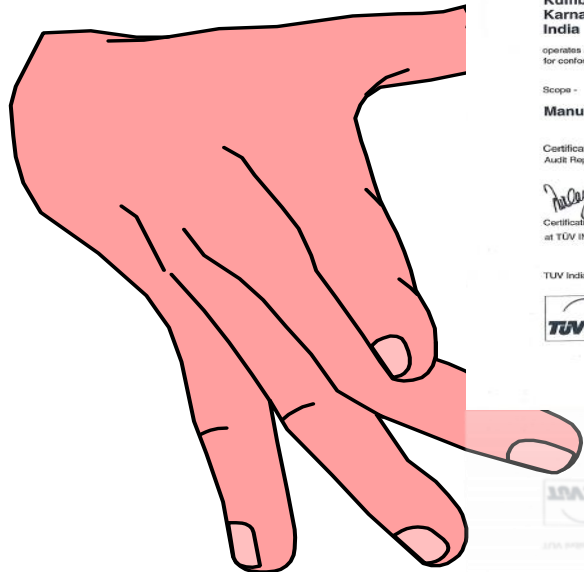
Certificate Registration No. QM 08 01637
Audit Report No. Q 3693/2011

Valid from 02.03.2022
Valid until 23.09.2024
Initial certification 24.09.2018

Certification Body
at TÜV INDIA PVT. LTD.

Mumbai, 02.03.2022

TÜV India Pvt. Ltd., Raheja Plaza - 1, L.B.S. Marg, Ghatkopar (W), Mumbai - 400 086, India cert.helpdesk@tuvindia.co.in





PRECI-MAC ENGINEERING ENTERPRISES

- Mr. P.B.JAGAN MOHAN – Managing Partner
- Mr. S.BABU – Partner
- Mr. S.GURU – Manager Commercial
- Mr. VADIVEL – Planning Cum M.R.
- Mr. SUNDARAJ – QA Manager Cum NPD
- Mr. VENKATESH – Quality Control Head
- Mr. ARUN – Purchase
- Mr. PRASANNA – Production (Milling)
- Mr. VELMURUGAN – Production (Turning)
- Mr. RAJENDRAN – Stores

MILE STONE **PRECI-MAC ENGINEERING ENTERPRISES**

- 2001 - Mr. Babu established **PRECI-MAC ENGINEERING ENTERPRISES** exclusively to manufacture and supply of precision machined components.
- 2011 – PRECIMAC accredited with ISO 9001:2008 certification by TUV India.
- 2018 – PRECIMAC accredited with ISO 9001:2015 certification by TUV India.





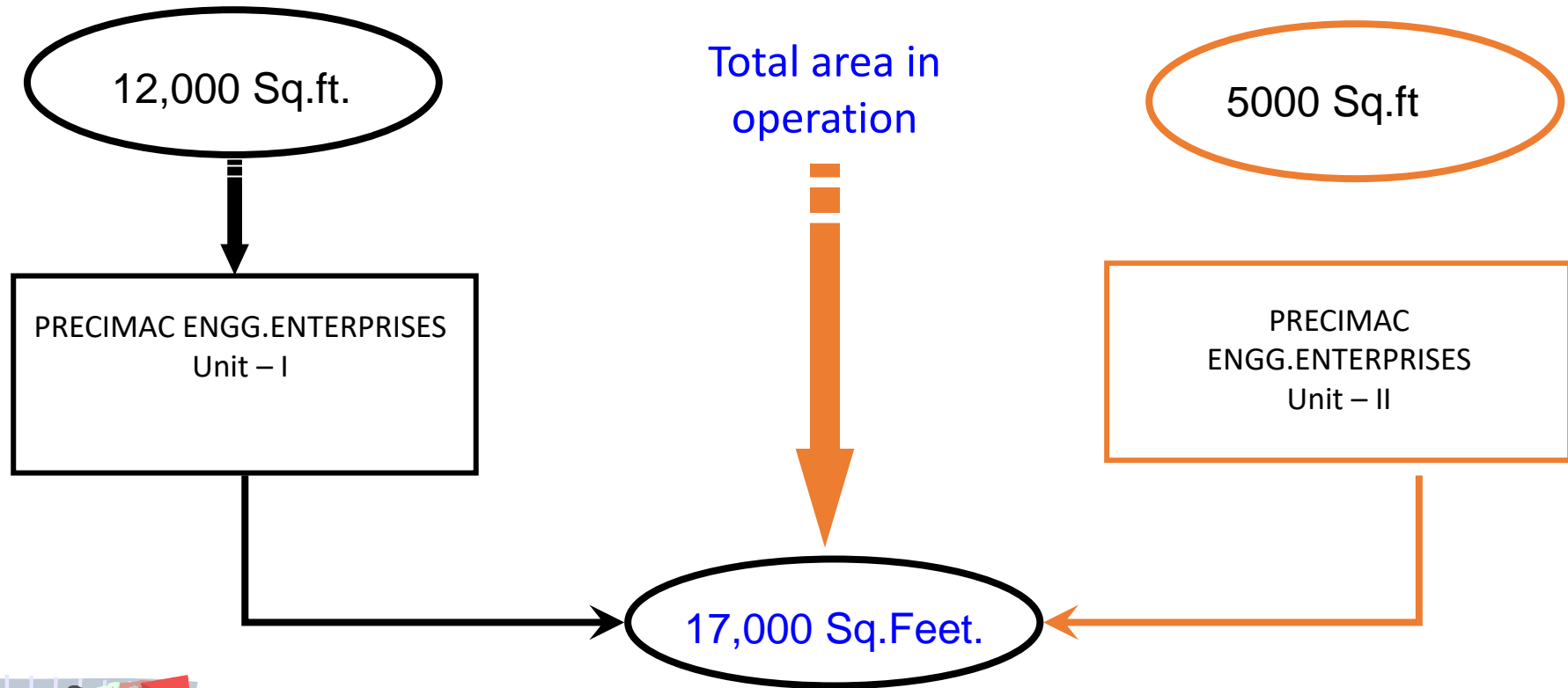
PRECIMAC ENGINEERING ENTERPRISES

Infrastructure Currently Installed

Floor Space

UNIT - 1

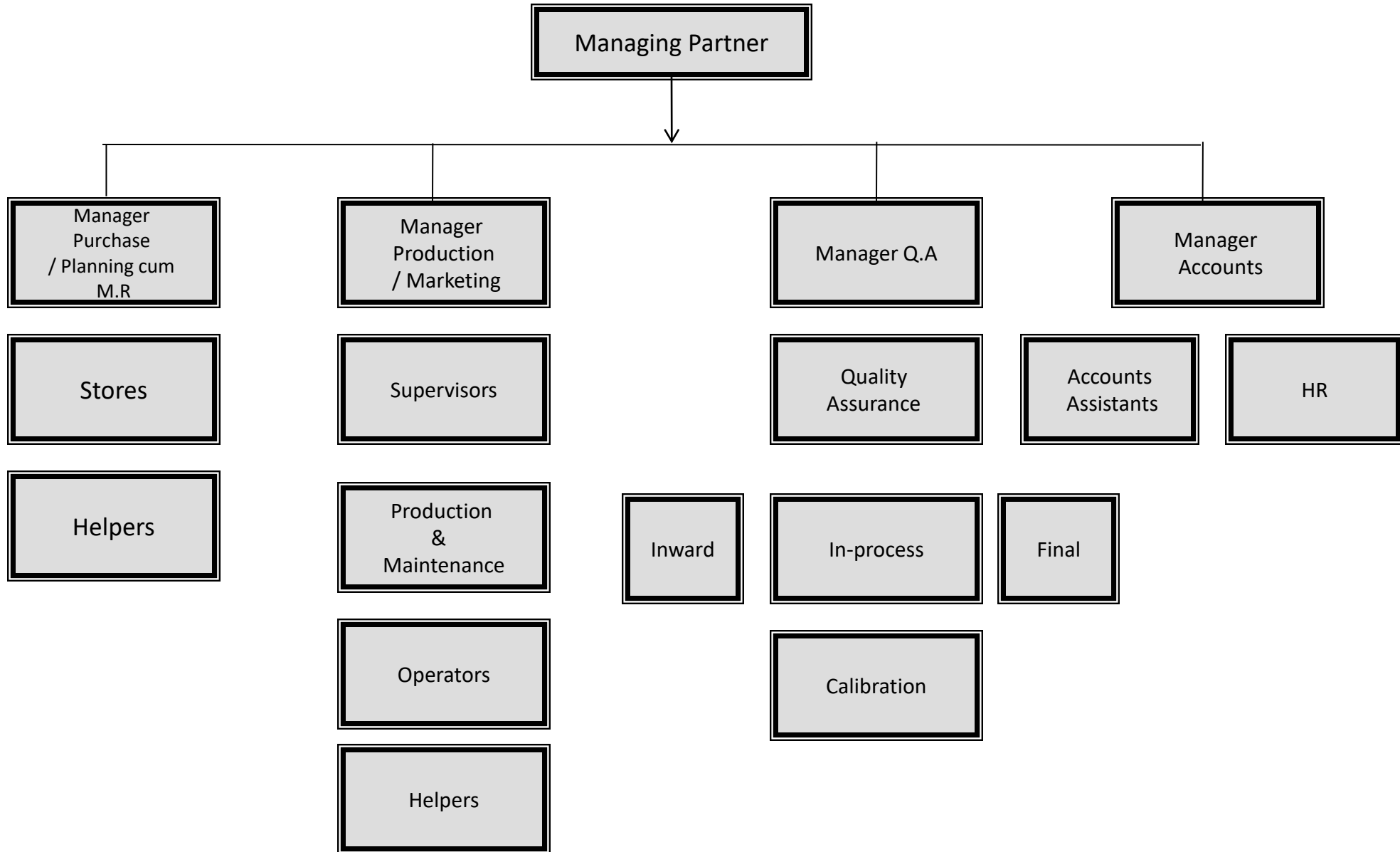
UNIT - 2





PREC-MAC ENGINEERING ENTERPRISES

ORGANISATION FLOW





PRECI-MAC ENGINEERING ENTERPRISES

Machinery- Installed





Machinery Installed

Sl.No.	Machine	Make	Specification	Qty
1	CNC Turning Centre	ACE Designers	8 Turret Stations, 200/250mm Chuck Dia.	11
		ACE Designers	8 Turret Stations, 350mm Chuck Dia.	1
		Marshall Machines	8 Turret Stations, 300mm Chuck Dia.	1
			8 Turret Stations, 200mm Chuck Dia.	1
2	Vertical Machining Centre	AMS	Table Size 400 x 600mm with Pallet changer. 20 Tooling stations.	2
			Table Size 450 x 800mm with Pallet changer. 20 Tooling stations.	2
		HASS (VF4)	Table Size 1270 x 450mm with Pallet changer. 30 Tooling stations, with 4 th Axis	1
3	Milling Machines	BFW	No.2 Size Vertical	1
		HMT	No.2 Size Vertical	3
4	Surface Grinding	Kirloskar	Magnetic Table 300 x 750 mm	1
		SLIEFF	Magnetic Table 500 x 1000mm	1
		WMW	Table Size 200 X 600mm	2
		ELB	Magnetic Table Size 300 x 1200mm	1



PRECI-MAC ENGINEERING ENTERPRISES

Machinery Installed

SI No	Machine	Make	Specifications	Qty
5	Multi Head drilling	WMW	4 Spindle with 1.5" Capacity	2
			3 Spindle with 1.5" Capacity	4
6	Vibro Deburring Machine	Dalal Engg.	Bowl Capacity 250 Kgs.	2
7	Column Type Radial Drilling Machine	HMT	1.5" Capacity	1
8	Drilling Machines	EIFCO	1" Capacity with Auto Feed	4
			1.5" Capacity with Auto Feed	1
9	Centre Lathes	Indian	Chuck dia 300mm capacity	5
10	Mini Chucker	HMT	Chuck dia 200mm	2
11	In-house Phosphating Plant	-	Tank capacity 100 Ltrs. (Zinc & Magnetic Phosphating)	2 Set



PRECI-MAC ENGINEERING ENTERPRISES

INSPECTION FACILITY

SI No	Machine	Make	Specification	Qty
1	CMM	ELECTRONICA	Shaphire 464	1 No
2	Roughness Tester	Mahr-Surf	PS 1 & PS 10	2 No
3	Vertical Screen Profile Projector	Innovative	250mm x 150mm	1 No
4	“0” Grade Slip Gauge	Micronix	Grade "0" 112 Pcs.	1 Set
5	Hardness Tester	Blue Star	250 to 3000 Kg. Load	1 No
		Fine	Rockwell cum Brinell	1 No
6	Dial Indicator	Mitutoyo	LC 0.0001	1 No.
7	Coating thickness gauge	Coat Test	LC 0.0001	1 No.
8	Groove Caliper	Intertester	30 to 50mm & 10 to 210mm	2 Set
Along with all regular Instruments				

Along with all regular instruments Like Digital/Dial /Vernier calipers, Micrometers internal and external, Bore gauges, Depth Micrometers, Millimess &Papitast dials, Granite surface plates, Air gauges internal and external, Thread gauges ID/OD, Plug gauges, Ring gauges, Spl.Gauges etc.,



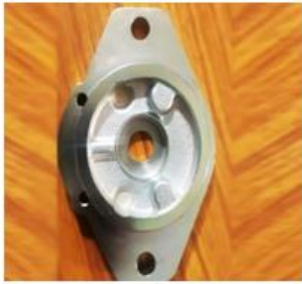
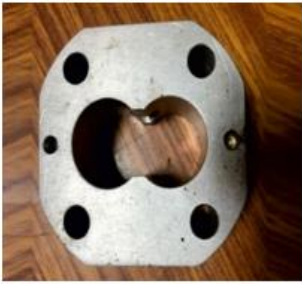
Important Customers

- **MIVIN ENGG. TECHNOLOGIES LTD., BANGALORE (BOSCH REXROTH GROUP)**
- **DYNAMATIC TECHNOLOGIES LTD., BANGALORE**
- **BHEL – TRICHY.**
- **BEML – MYSORE/KGF.**
- **WALVOIL INDIA**
- **YUKEN INDIA**
- **HYDRECO HYDRAULICS INDIA., (DAIKIN GROUP)**



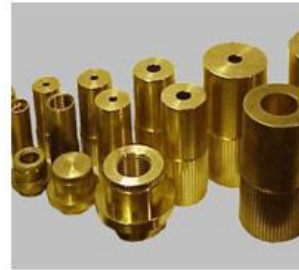


PRECI-MAC ENGINEERING ENTERPRISES





PRECI-MAC ENGINEERING ENTERPRISES





PRECI-MAC ENGINEERING ENTERPRISES





Materials Feasible to Process

- **Grey Iron Castings** – Green Sand Mould, Shell Mould, Permanent Mould.
- **Spheroidal Graphitic Iron Castings** – Green Sand Mould, Shell Mould, Permanent Mould.
- **Steel Castings** – Plain Carbon, High Carbon, Alloy Steel, Stainless Steel, etc. in ASTM/BIS/DIN/JIS standards.
- **Forgings**- Hot/Cold.
- **Investment Castings**





Quality Tools at

- **Statistical Process Control** – Executed by the use of X bar R charts.
- **Line Inspection** – Constant monitoring of quality level.
- **Final/Barrier Audit** – Implemented for cross verifying critical dimensions and quality of packing.
- **(Do It Right)** – Executed through group discussions for corrective and preventive actions.
- **Ishikawa (Cause & Effect Diagram)** – To analyse the root cause of the problem and initiate corrective and preventive actions.
- **Internal Quality Audit** – Performed once in three months for improvisation.
- **Need Based Skill Training**





Quality Assurance Documents/Records at

- FMEA – Failure Mode Effects Analysis
- Process Sheets
- Work Instructions
- Check Lists
- Monthly Cp, Cpk & Cm, Cmk evaluations
- Control Plan
- ISIR – Initial Sample Inspection Report
- DIR
- Poke Yoke
- PPAP - Production Part Approval Process
- R & R – Repeatability and Reproducibility Study





Future Projects

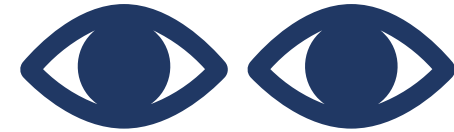
- Implementation of IATF 16949:2016.
- Enhanced machine shop
- Zinc Plating Shop
- Implementation of ISO 14001:2015 systems.





PRECI-MAC ENGINEERING ENTERPRISES

Vision Statement

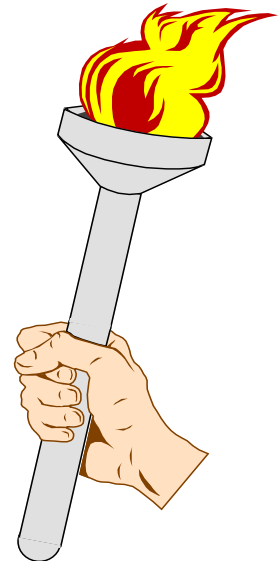


TO BECOME AN Outstanding
Enterprise In The MSME Sector By
Achieving Excellence Through
Customer Satisfaction By
Manufacturing And Supplying
World Class Quality Products In
Engineering Industry



Goal and Objective

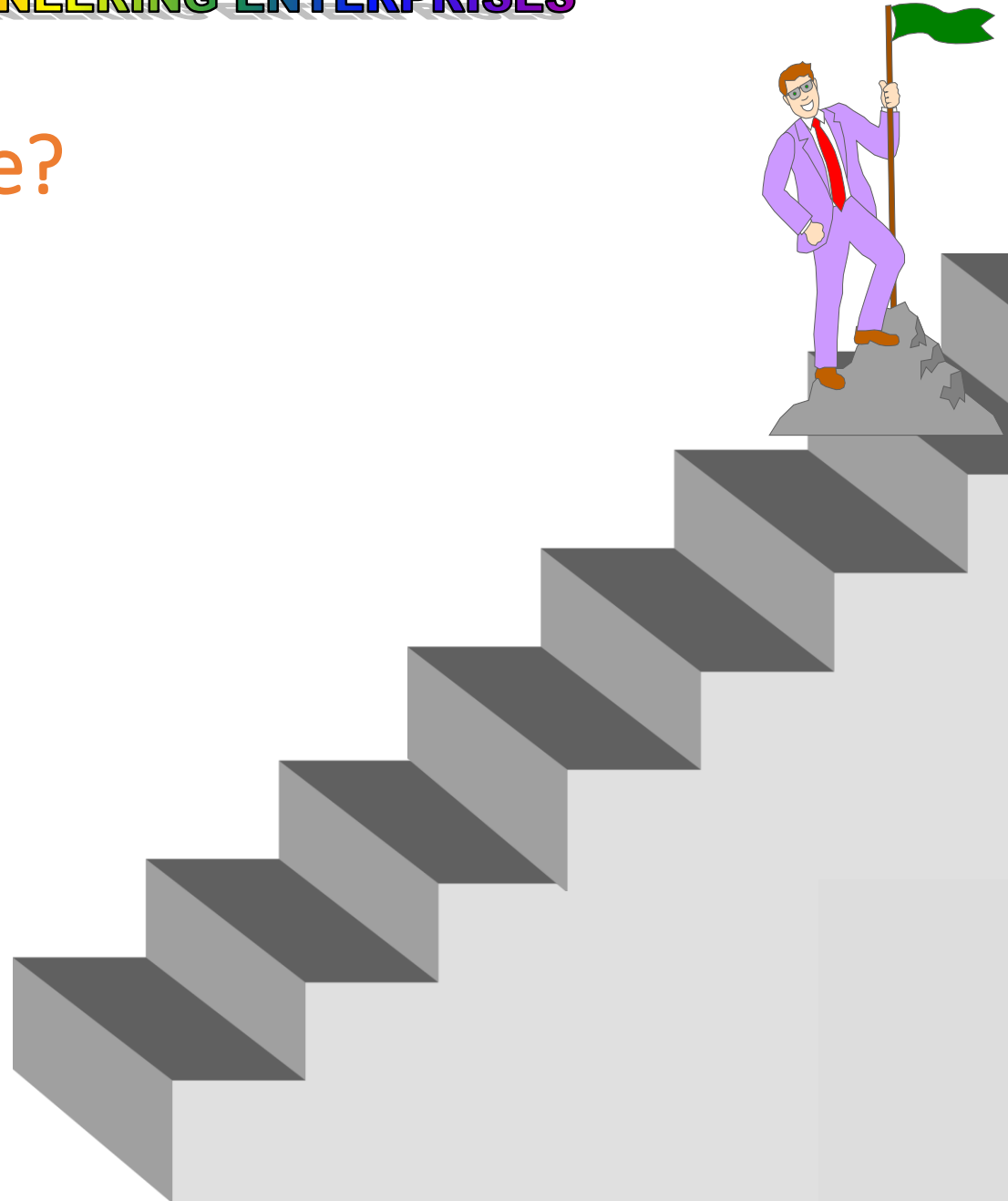
- Customer Satisfaction
- Excellence through Quality
- Manufacture and supply of precision machine components of world standard.





How Did We Get Here?

- Quality assurance
- Cost competitiveness
- Dependable deliveries
- Progressive outlook
- Planning for growth





PRECI-MAC ENGINEERING ENTERPRISES

Thank



PRECI-MAC ENGINEERING ENTERPRISES
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