



Subajeyam Turners

*200/1, Vanagaram road,
Athipet,
Chennai,
India – 600058.*

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GST No – 33AACPS4015K1ZU

SUBAJEYAM – COMPONENTS PROFILE



Customers

- *Caterpillar India Pvt Ltd, India*
- *Caterpillar Thailand Ltd, Thailand*
- *Caterpillar PM, Indonesia*
- *Caterpillar ADC, Singapore*
- *Caterpillar Transmission CZ, USA*
- *Caterpillar LTDA, Brazil*
- *Synergy global solutions, India*
- *Kobelco Cranes, India*
- *Automotive Axles Limited, India*
- *Creative Manufacturing Solutions, India*

Basic Introduction

- Manufacturers of precision machined steel components for earth moving equipment
- Established in 1982
- ISO 9001:2018 certified company
- Employee strength : 90
- Factory Land area : 33000 sq ft
- Factory built area : 23000 sq ft
- Turnover in 2023-24 : INR 24.7 Cr

Manufacturing Capacity - Machining

- Machining facility
 - Turning – Conventional and CNC
 - Drilling & Milling – Conventional and VMC
 - Grinding – Centerless and Cylindrical
 - Welding – Robotic Co2 (MIG) welding
- In house machining capacity to machine parts varying in size from 10 mm to 350 mm Dia with length up to 2000 mm.
- Maximum Feasible part weight – 150 Kg

Subajeyam – Shop Floor



In House - Induction Hardening Unit



- 100 Kw Induction hardening - 2 units
- Medium frequency – 3 to 10 KHz
- Maximum Part length – 1200 mm
- Maximum diameter 150 mm

Heat Treatment – Supplier base

- Strong Sub supplier Base for following Heat Treatment process who are audited and approved by Caterpillar and other OEM customers
 - Direct/through Hardening
 - Case Carburizing
 - Carbo nitriding
 - Induction Hardening – Back up

Surface Treatment – Supplier base

- Strong Sub supplier Base for following surface treatment process who are audited and approved by Caterpillar and other OEM customers
 - Electroplating – Zinc, Nickel, Tin
 - Dispersion coating
 - Phosphating
 - Hard Chrome coating



Raw Materials

We are currently manufacturing parts from the following type of materials

- Mild steel – Bar and Plate
- Medium carbon and Alloy steel – Bar and Plate
- Stainless steel - Bar
- Aluminum – Bar

[illegible]

PINS



WELDED PIN ASSEMBLIES



CONNECTOR, WEDGE, CLEVIS, DOWEL



In House Metallography Lab -Testing Facilities

- Spectrometer – raw material testing
- Micro Vickers Hardness tester
- Digital Rockwell Hardness tester
- Microscope with image analyzer
(Microstructure of Hardened parts)
- Welding inspection – microscope with software
- Roughness tester
- Coating Thickness – Probe type tester
- Magnetic Particle Inspection (Crack Detection)

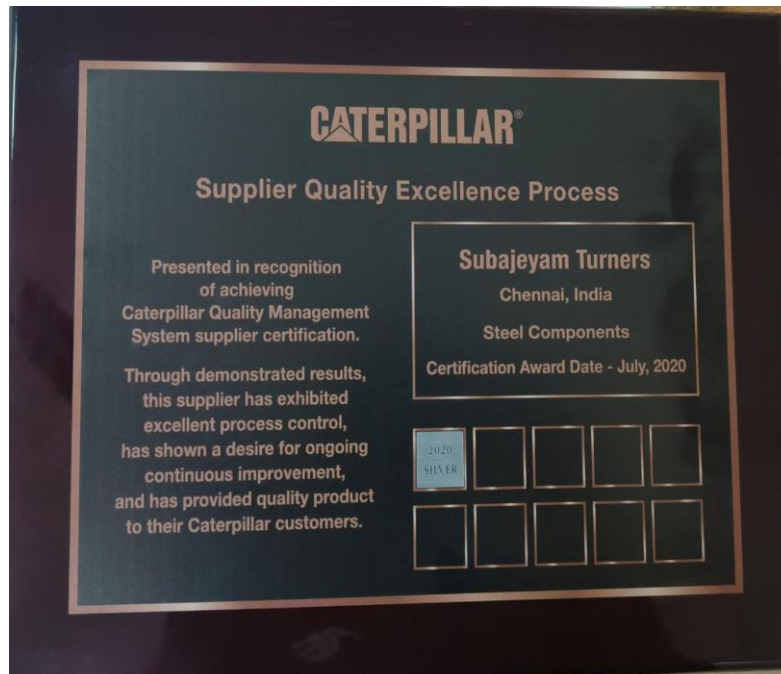
Metallography Lab



CMM Inspection



Awards Received





Contact Details

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Head - Operations

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Thank You.

