

OPTIMUS TURBINE

Registered Address:

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Email Id: optimusturbine@gmail.com

GSTIN: 27BMZPM6520P1Z0

Website: <http://optimusturbine.in>



We Are:



Optimus Turbine is company specialized in Steam Turbine Service, Generator Service, Modification work, Relay Testing, all types of Spares supply.

Optimus Turbine have strong technical team of steam turbine engineers both in Mechanical and Electrical experiencing amounting up to 15 years. The M/s. Optimus Turbine is well equipped with skilled manpower, tools & tackles, testing kit set-up, strong spare support etc. Hence, our organization is one-point solution for all your turbine needs and problems related with its auxiliaries.

Optimus Turbine offers wide range of service that encompass the complete gamut of captive & Cogeneration operations.

- **Service & Spare Supply:**
 - Overhauling
 - Troubleshooting & Resolution
 - Supply of all types of spares
- **Engineering Improvement:**
 - Turbine Efficiency study & improvement solutions.
 - RLA Studies of rotor, blades, nozzles, casing and
 - other critical components.
 - Renovation and efficiency improvement.
 - Increase or decrease of extraction or back pressure
 - Increase or decrease of steam flow to extraction or bleed
- **Modernization:**
 - Change of Governing System.
 - (Ex. Mechanical/Hydraulic to Electronic Governor)
 - Moog Actuator to Voith Actuator vice versa.
 - Up-rating Power Capacity.
 - Replacement of Steam Turbine on existing foundation.
 - Improvements in startup and operations procedure
- **Repair & Replacement:**
 - Blades and Nozzles replacement
 - Generator Rotor & Stator repair & re-windings

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Vision:

Our vision is to become global engineering service provider for Steam Turbine equipment and we do this by giving prompt service in 24x7 of 365 calendar days, quality spares with on time delivery in less time period.

Turbine Overhauling:
Ranges from 500KW
to 100 MW of any
Make



Relay Testing:
Generator
Protection Panel
Relay Testing



Alternator
Overhauling: Ranges
from 500 Kw to 100MW



Erection and
Commissioning:



Spare Supply:
Mechanical/ Electrical
/Instrumentation



Turbine Casing
Insulation:



Engineering Solutions:
Turbine Upgradation
Turbine Re-Rating
Steam Path
Modification



Supply of all
Control Panels &
Its Commissioning



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Our Credentials:

Optimusturbine give you the reason why we are in such position in industry. It is Because people challenging us and inspiring us to better ourselves by reposing their faith in us, thereby extracting the best of us.



Service Project: Domestic

Sr. No.	Project Name	Turbine Rating	Turbine/ Alternator
1	Sitaram Maharaj Sakhar Karkhana	1 x 10 MW	Triveni Turbine & TDPS Alternator
2	Sadguru Sri Sri Sakhar Karkhana	1x 5MW	Triveni Turbine
3	Bhairavnath Sugar – Unit 3	1 x 12 MW	TDPS Alternator
4	Jayawant Sugar Ltd.	1x 10 MW	Triveni Turbine
5	Adlers Bio- Energy Ltd.	1 x 1.5 MW	Bellis Turbine
6	Bhairavnath Sugar – Unit 6	1x8MW & 1x6MW	Kessel Turbine Relay Testing
7	Baramati Agro Ltd., Unit 1	1x 25MW	Siemens Turbine Relay Testing

Service Project: International

1	Ethimale Plantation Pvt. Ltd. Sri Lanka	1 x 4 MW	Triveni Turbine
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Spare Project: Domestic

Sr. No.	Project Name	Turbine Rating	Turbine/ Alternator
1	Sitaram Maharaj Sakhar Karkhana	1 x 10 MW	Triveni Turbine & TDPS Alternator
2	Sadguru Sri Sri Sakhar Karkhana	1x 5MW	Triveni Turbine
3	Bhairavnath Sugar – Unit 3	1 x 12 MW & 1x6MW	Triveni Turbine & TDPS Alternator
4	Jayawant Sugar Ltd.	1x 10 MW	Triveni Turbine
5	Adlers Bio- Energy Ltd.	1 x 1.5 MW	Bellis Turbine
6	Shrigonda SSKL	1 x 10 MW & 1x16MW	Triveni Turbine
7	Sonhira SSKL	1x 15 MW	Triveni Turbine
8	Baramati Agro Ltd., Unit 3	1x 8 MW	Triveni Turbine
9	Three M Paper Mfg. Co. Ltd.	1x 5 MW	Triveni Turbine

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Our Credentials:

Turbine Casing Insulation Project:



Sr. No.	Project Name	Turbine Rating	Turbine/ Alternator
1	Jayawant Sugar Ltd.	1 x 10 MW	Triveni Turbine
2	Bhairavnath Sugar – Unit 3	1x6MW	Triveni Turbine
3	Indreshwar Sugar Mills Ltd.	1 x 12 MW	Triveni Turbine
4	Siddhi Sugar & Allied Ind. Ltd.	1x 2.5 MW & 1x 1.8 MW	Triveni Turbine & Bellis Turbine

OPTIMUS TURBINE ADVANTAGES:

- ❖ Cost Effective
- ❖ Prompt 24x7 Service Support in 365 Calendar Days
- ❖ Comprehensive Global Service
- ❖ Quality, Low Cost & On Time Spare Supply
- ❖ Any Make Turbine Installation, Service & Spare Supply

IDEAL FOR INDUSTRIES LIKE:

- ❖ Sugar
- ❖ Chemical
- ❖ Paper Mill
- ❖ Textile
- ❖ Food Processing
- ❖ Cement
- ❖ Steel
- ❖ Refinery

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