

Value Engineering of Damaged Compressor Impeller

INTRODUCTION

The customer is a reputed **Steel group** in the **Middle East**. The compressor impeller was damaged during the operation and required replacement.

CHALLENGE

The challenge was to carry out **reverse engineering** of complete impeller assembly **at site**

SOLUTION

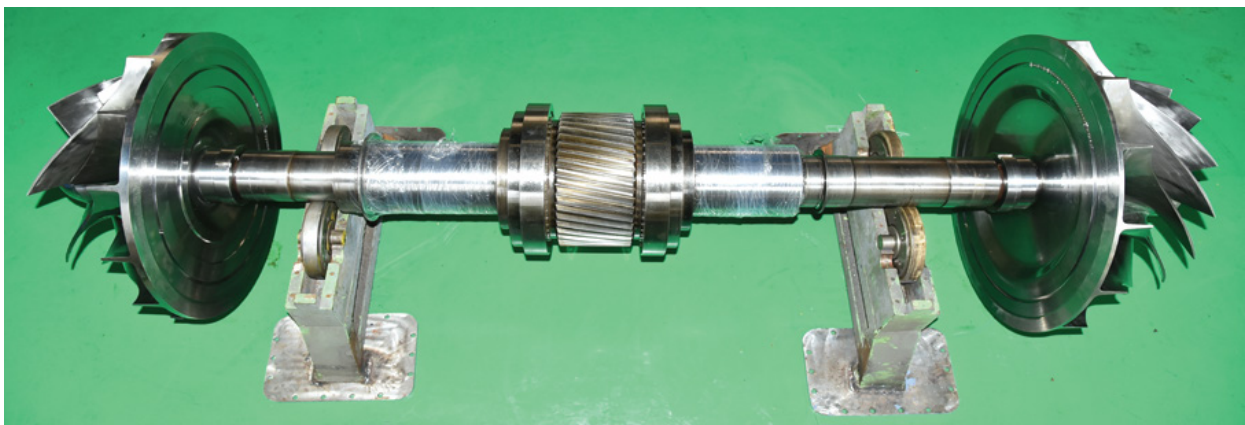
Triveni Turbine deputed design expert along with **3D scanner** at site to complete the reverse engineering in **2 days**. The equivalent material of impeller was identified and TTL took proactive action for ordering the raw material forgings.

New impeller along with pinion shaft was manufactured & also **High speed balanced** in Vacuum balancing tunnel within **6 months**.

Triveni also supported by deputing **service expert** for installation & commissioning of compressor & this is operational since Dec 2018.

CUSTOMER SPEAK

We found a very successful team , high technical skills, very cooperative team with a very good manufacturing quality. The job was done in high quality & high efficiency



Embracing cultures. Enhancing the future

 /TriveniRefurb

 /triveni-refurb

SCAN FOR ENQUIRY



VISIT WEBSITE



Global Network

INDIA

SALES, SERVICE AND MANUFACTURING FACILITY

Triveni Turbine Limited

12-A, Peenya Industrial Area,
Bengaluru-560 058,
Karnataka, India.
Phone: +91 80 22164000
Fax : +91 80 22164100

SALES, SERVICE AND MANUFACTURING FACILITY

Triveni Turbine Limited

Plot No.491, Sompura
2nd Stage, KIADB Sompura
Industrial Area
Nelamangala Taluk,
Bengaluru Rural - 562 123

THAILAND

MARKETING AND SERVICE OFFICE

Triveni Turbines DMCC

571 RSU Tower, Unit 903,
9th Floor, Sukhumvit
31 Road, Klong Ton Nua,
Wattana, Bangkok 10110,
Thailand
Phone: +66 2 117 9575,
Fax : +66 2 662 3416

INDONESIA

MARKETING AND SERVICE OFFICE

Triveni Turbines DMCC

Suite No. 56, 23rd Floor,
ANZ Tower, Jl. Jend.
Sudirman, Jakarta
Pusat - 10220, Indonesia
Phone : +62-21-29546888
Fax : +62-21-29546889

UAE

SALES AND SERVICE OFFICE

Triveni Turbines DMCC

4502-14 & 4502-15,
45th Floor, Al Mazaya Business
Avenue - Tower BB2,
Jumeirah Lake Towers,
Dubai, United Arab Emirates,
P.O. Box 393509
Phone: +971-4 5670752
Fax : +971-4432 8232

Email: customercare@triveniturbines.com

SOUTH AFRICA

MARKETING AND SERVICE OFFICE

Triveni Turbines Africa (Pty) Ltd.

AMR Building,
3 Concorde East Road,
Bedfordview, 2007,
South Africa
Phone: +27 10 007 5245 / 5246