

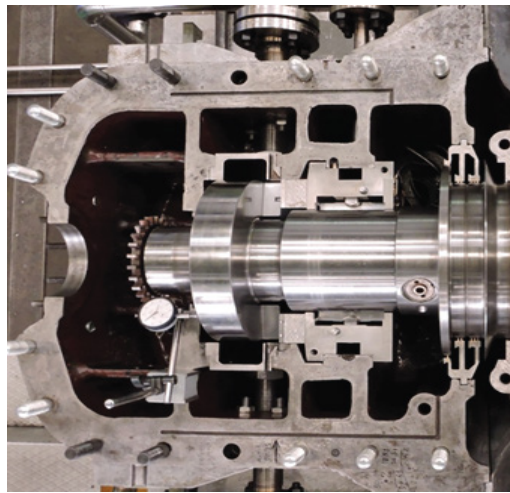
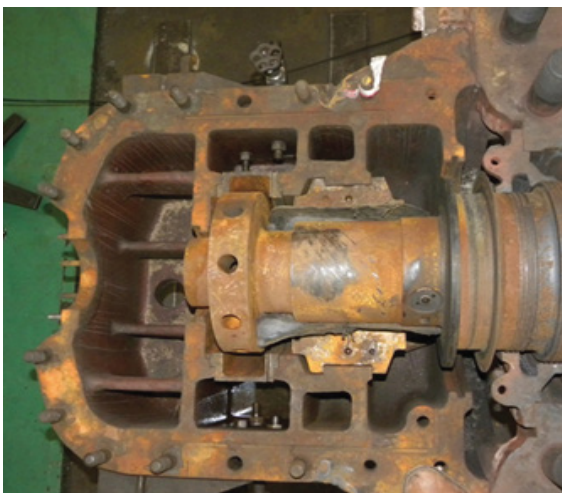
Extraction Condensing Turbine to **Back Pressure**

INTRODUCTION

The customer is a **Refinery in India**. The turbine project was won by Triveni Refurbishing to Convert a **12 MW Russian make** extraction condensing turbine to back pressure turbine, commissioned in **1964** and sent for **refurbishing in 2018**.

CHALLENGE

The challenge was to redesign the turbine internals within the casing boundary conditions. Convert an extraction condensing turbine to a single extraction back pressure turbine the job also needed additionally convert existing hydro-mechanical type to electro-hydraulic type (governor retrofit).

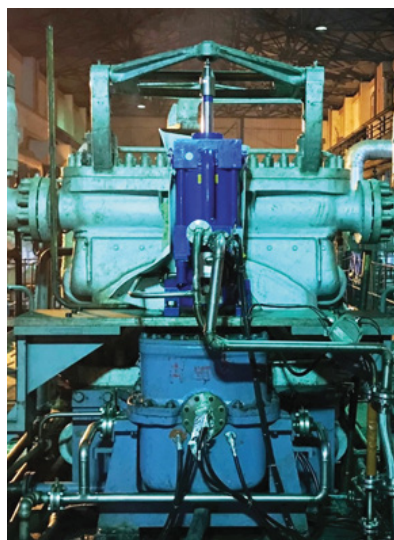


SOLUTION

Triveni Refurbishing Redesigned the turbine to back pressure by reducing the number of stages and the exhaust pressure was changed from 0.1 ata to 5.0 ata. This turbine was successfully commissioned and is running well.

CUSTOMER SPEAK

"Thanks for your Technical support consistently and good job to all your team members who have contributed to this job directly or indirectly."



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