

# Swap and Pop Worthington Single Stage Turbines



## Customer Challenge

- Customer had been operating the turbines driving Forced Draft Fans for more than 50 years. Turbines were in critical conditions due to minimal overhaul performed. Customer was considering replacing 4 of 14 Worthington with new Coppus units.



## Scope

- 4 Single Stages Worthington footprints
- 4 gearboxes matching the footprints and couplings
- Steam Test according to API requirements



## Customer Value

- Minimized production loss since the duration of the outage was not extended.
- 100% increased reliability with asset and valve upgrades to modern design.
- Possibility of swapping footprint turbines to any of the additional 10 identical turbines and interchanging spare parts



### Name

Worthington (Single Stage)



### Location

United States



### Order Year

2021 & 2022



### Industry

Metals (Steel Mill)



### Application

Forced Draft Fan