FORM 312A

PLAINTIFF'S EXHIBIT
ET-41

ENGINEERING DEPARTMENT

Record Descriptive Specifications - Turbine

Turbine No. 13585 13586 13587 Gear No. V-27 S.O. 40164-A

Purchased By American Blower Corp., Detroit, Michigan E- 151062

For Oklahoma A & M College, Stillwater, Oklahoma Date 2/6/48

H.P. St. Conn.	2" R.H.
L.P. St. Conn.	none
Exh. Conn.	6" L.H.
Extrac. Conn.	none
Steam Strainer	Built-in
Shaft Size	2" Dia.
St. End Pkg.	4 Rings
Diaph. Pkg.	none
Exh. End Pkg.	4 Rings
Superheat Parts	see below

Governor	Std. small
Speed Changer	hand
Emerg. Gov.	yes
Trip Mech.	std.
Low Oil Pr. Trip	none
Thrust Brg.	in gear case
St. End Brg.	Bracket
Exh. End Brg.	in gear case
Water Cooled Brgs.	yes

Valve Sizes (Order of opening)

Inlet	Extraction
1. 3/4" Fluted	
2.	2.
3.	3.
4.	4.
5.	
6.	
7.	

Hand Valves 1 - 2-1/4"
Valve location on nozzle sheet

Name Plate Rating
Type 2 AYR
Hp.-~~KXX~~ 26
R.p.m. 3850
St. Press. 250 psig
St. Temp. 600 °F.
Exh. Press. 10 psig
Exh. Vac. -- In. Hg. Abs.
Extrac. Press. -- psig
Rotation R.H.

Instruction Books - Special or No.

Special Construction

Cast Steel Steam Chest & Steam End for 600°F.
Mount purchaser's half coupling
Insulation & C.R.S. painted lagging
H.V. for 13 hp. all other conditions same
1/16" orifice in gear bearing oil press lines
Rotor assembly for 6190 r.p.m. max. trip speed.
Gov. wts. for 4040 r.p.m. operating speed
4650 r.p.m. trip

Soleplate-S-644830
Outline-Y-625480

Gears Size 6 x 4 B.H.P. 26 Ratio 4.13/1 Speeds 3850/932
Baseplate C.I. Combining plate under Soleplates Plain Flat under Turb. & Gear
Couplings H.S. none Turb. & Gear L.S. Nut furnished
Oil System Pump Size .5 Gal./100r.p.m. Driven From Gear Piping Material Thin Wall Stl.
Oil Tank in gear case Oil Strainer Cuno F.F. Turbine Brgs. no Tub.
Oil Cooler Gross RV-25 Auxiliary Pump none F.F. Driven Mach. Brgs. none

Driven Machine

I. D. Fan (Not Furnished)

Auxiliary Apparatus

3 - Gross Oil Cooler RV-25 (stock)

3 - Cuno Micro-kleen oil filter P.O. #60162

Copies

Spec.
Turb. Eng.
Turb. Sales
V-27 Gear

EXHIBIT 8 DT 5-15-01 Hackel