

P.O.Box 130571
20105 Hamburg/Germany

Tel. +49 40 33441944
Fax +49 40 33441945

www.lohrmann.com
info@lohrmann.com

For Sale:	(2) Pre-owned 45 MW Steam Turbines condensing with extraction type
Ref.-No:	STG-29.22

Brief plant description:

Equipment condition:

	Unit 1	Unit 2
Manufacturing year	1968	1972
Total operating hours	180,000 h	171,000 h
Operating hours since last revision	50,000 h	30,000 h

Description of major plant components:

Turbine

Manufacturer	BBC
Rating	45 MW
Live steam pressure	71 bar
Live steam temperature	525 ° C
Swallowing capacity	200 t/h
Bleeding 1	0.45 bar abs / 419 °C
Bleeding 2	12.9 bar abs / 333 °C
Extraction controlled	3 bar abs / 356 °C
Rotation Speed	3 000 rpm

Generator

Type	WT17 L-06 LL2
Rating	60 MVA
Power factor	0.75
Rotation speed	3000 rpm
Voltage	10.5 kV

Condenser

Surface	1500 m ²
Steam flow max.	100 t/h
Cooling water flow	4300 m ³ /h
Cooling water	12 °C
Vacuum	0.0325 bar abs

Further information on request

Important Disclaimer

Although the statements and technical information contained herein are believed to be materially accurate as of the date hereof, no representation or warranty is given as to the accuracy of any of the information provided. This document contains confidential information intended only for the use of the addressee. If you are not the intended recipient of this information then you are hereby notified that any use, dissemination, distribution or reproduction of this message is prohibited.