

GE FRAME 6 PG6581 B



Gas Turbine



Generator

GT1A

TECHNICAL SPECIFICATION

GasTurbineType / Model:	GEEnergyProducts / PG6581B
Manufacturer:	GE Energy Products Germany GmbH
Load Type:	Generator
Fuel Type:	Natural Gas (NG)
Rated Output (MW):	42.1 MW
Rated Speed (rpm):	5100
Control System:	GE / Mark V
Acc. Gear Type:	BHS / A619
Load Gear Type:	Flender / TRL65CV
Generator Type:	ALSTOM / T214-234
Generator Speed (rpm):	3000

OPERATION HISTORY

COD (Date)	Jan 28, 2003
No. of Starts	298
No. of Trips	62
EOH (Hrs.)	171,772

MAINTENANCE CYCLE RECORDS

YEAR	MAINTENANCE	DURATION	
		Start	Finish
2004	WI	4 JAN 2004	8 JAN 2004
2006	HGPI	31 DEC 2005	7 JAN 2006
2009	MGO	1 APR 2009	25 APR 2009
2012	HGPI	11 FEB 2012	21 FEB 2012
2015	MGO	4 JAN 2015	28 JAN 2015
2018	HGPI	7 JAN 2018	16 JAN 2018
2021	MGO	4 APR 2021	28 APR 2021

Note:

WI – Warranty Inspection

HGPI – Hot Gas Path Inspection

MGO – Major Overhaul

EQUIVALENT OPERATING HOURS AFTER LATEST MAINTENANCE

COD (Date)	Jan 28, 2003
LATEST MAINT.	MO (28.04.2021)
EOH (Hrs.)	17,510



GT1B

TECHNICAL SPECIFICATION

GasTurbineType / Model:	GEEnergyProducts / PG6581B
Manufacturer:	GE Energy Products Germany GmbH
Load Type:	Generator
Fuel Type:	Natural Gas (NG)
Rated Output (MW):	42.1 MW
Rated Speed (rpm):	5100
Control System:	GE / Mark V
Acc. Gear Type:	BHS / A619
Load Gear Type:	Flender / TRL65CV
Generator Type:	ALSTOM / T214-234
Generator Speed (rpm):	3000

OPERATION HISTORY

COD (Date)	Jan 28, 2003
No. of Starts	263
No. of Trips	51
EOH (Hrs.)	163,831

MAINTENANCE CYCLE RECORDS

YEAR	MAINTENANCE	DURATION	
		Start	Finish
2004	WI	9 JAN 2004	12 JAN 2004
2005	HGPI	3 JAN 2005	13 JAN 2005
2008	MGO	23 MAR 2008	16 APR 2008
2011	HGPI	10 APR 2011	19 APR 2011
2014	MGO	3 MAR 2014	25 MAR 2014
2017	HGPI	5 MAR 2017	25 MAR 2017
2020	MGO	5 FEB 2020	29 FEB 2020

Note:

WI – Warranty Inspection

HGPI – Hot Gas Path Inspection

MGO – Major Overhaul

EQUIVALENT OPERATING HOURS AFTER LATEST MAINTENANCE

COD (Date)	Jan 28, 2003
LATEST MAINT.	HGPI (22.02.2023)
EOH (Hrs.)	2,324

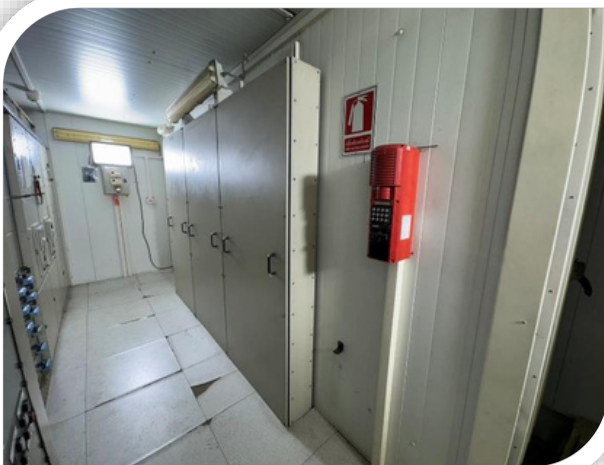
GAS TURBINE AND ACCESSORY



GENERATOR AND REDUCTION GEAR



LOCAL CONTROL ROOM



ELECTRICAL AUXILIARY SYSTEM



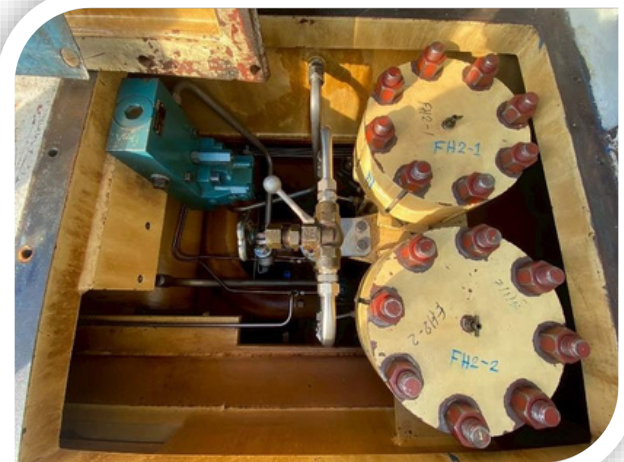
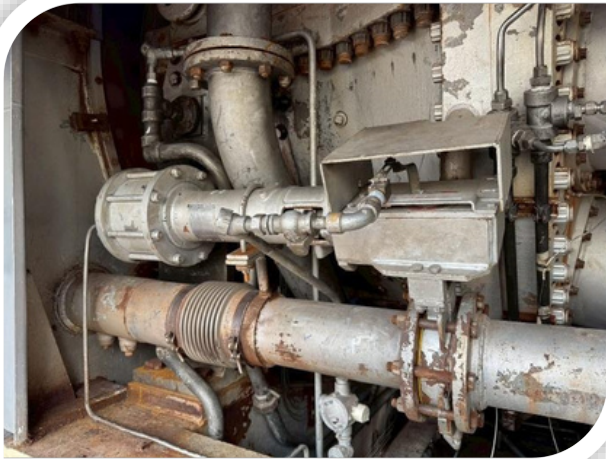
On BASE-OFF BASE AUXILIARY EQUIPMENTS



On BASE-OFF BASE AUXILIARY EQUIPMENTS



On BASE-OFF BASE AUXILIARY EQUIPMENTS



AIR INLET - EXHAUST

