LEGENDA SIMBOLI

- gas
- water
- condensate
- oil
- plug / thread
- fast coupler
- flange
- device / module border
- effect
- air
- exhaust
- electricity
- limit of supply

see P&Id 151030-P001

turbine HT01 | turbine HT02 | turbine HT03

USCITA BIOGAS

Portata 340 Sm3/h
Pressione 4,8bar
H2S 200 ppm

HG01-PI01 1/4"

HG01-FI01

gasstreet HG

electrical cabinet (SS)

SSXX-VE01

SSXX-TT01

SS01-VE01

PLC with touchscreen

VFD for UKXX-KO01

Power supply and fuses

PLC in- and outputs

relays and other

terminals

BGT unit

LP measuring (NM)

NM1A-AV01

NM1A-PT01

NM1A-TT01

INGRESSO BIOGAS

Portata 340 Sm3/h
Pressione da 30 a 100mbar
H2S 200 ppm

LP dewatering (NE)

KK1A-DU01

NE1A-WT01

NE1A-KA01

NE1A-KD01

NE1A-TT01

NE1A-NS01

NE1A-BV01

LP carbon filter (NA)

NA1A-DU01

NA1A-WT01

NA1A-AV01

NA1A-AV02

NA1A-AK01

1/2" f

1/2" f

compression (UK)

UK1A-TT02

UK1A-FI01

UK1A-PS01

UK1A-TT07

UK1A-KO01

UK1A-EM01

UK1A-FI02

UK1A-TT03

UK1A-TT05

UK1A-TS01

UK1A-TT06

UK1A-PS02

NA1A-SV01

NA1A-EX01

UK1A-TT04

UK1A-WT01

CP1A-TH01

CP1A-EM01

CP1A-VE01

UK1A-WT02

CP1A-FI01

CP1A-TT01

cooling air intake

cooling air outlet

forced cooling (KK)

KK1A-TT01

KK1A-CH01

open system

HP measuring (HM)

HM1A-PT01

HM1A-TT01

HM1A-AV01

HM1A-BL01

HM1A-AV02

HP dewatering (HE)

HE1A-WT01

HE1A-WT02

HE1A-KD01

HE1A-TT01

HE1A-NS01

HE1A-AV01

NE1A-SI01

NE1A-DR01

KK1A-DU02

water circuit

REV.	MODIFICHE Revision	DATA Date	DISEG. Draw.	VERIF. Verif.d	APPR. App.d
4					
3	Revisione generale	24.09.2018	MC	SP	IV
2	AS Built del costruttore	20.12.2017	GP	RA	IV
1	Emesso per costruzione	27.09.2017	GP	RA	IV
0	Emesso per informazione	30.06.2017	GP	RA	IV

IBT Group

CLIENTE Customer: SEA RISORSE S.p.A.

LOCALITA' Location: c/o Depuratore di Viareggio Via dei Comparini, 186 (LU)

IMPIANTO Plant: Sistema di Cogenerazione con n°1 Microturbina CR600 + HRM

TITOLO Title:
P&ID SISTEMA COMPRESSIONE BIOGAS
SISTEMA DI COGENERAZIONE A BIOGAS
CON N°1 MICROTURBINA CAPSTONE CR600 GRID CONNECT
E RECUPERO TERMICO PER ACQUA CALDA 70/90°C

DIS. N. Dwg. n.: 151030-P002
F.TO Size: A1
COMM. Job: 151030
SCALA Scale: –
REV.: 03

Il presente documento è di proprietà esclusiva della IBT EUROPE GmbH. La società tutela i propri diritti ai sensi di legge
This drawing is the property of IBT EUROPE GmbH which will protect its rights according to the law