

**EMISSIONS TESTING PER EPA, DRAGON PRODUCTS GT43 POWER GEN,  
VERICOR ASE50B GAS TURBINE ENGINE, PIPELINE NATURAL GAS  
FULL REPORT AVAILABLE ON REQUEST**

**TABLE 2.1  
TURBINE GENERATOR ENGINE 50% LOAD DATA SUMMARY**

Parameter	50% Load, Run - 1-1	50% Load, Run - 1-2	50% Load, Run - 1-3	Average
Date (mm/dd/yy)	01/23/25	01/23/25	01/23/25	01/23/25
Start Time (hh:mm:ss)	11:01:13	12:32:13	13:44:13	11:01:13
End Time (hh:mm:ss)	12:00:43	13:31:43	14:43:43	14:43:43
Run Duration (min / run)	60	60	60	60
Bar. Pressure (in. Hg)	30.43	30.43	30.35	30.40
Amb. Temp. (°F)	41	49	51	47
Rel. Humidity (%)	70	50	39	53
Spec. Humidity (lb water / lb air)	0.003708	0.003591	0.003023	0.003441
Load Designator	50%	50%	50%	50%
Power Output (MW)	2.0	2.0	2.0	1.96
NOx (ppmvd)	32.14	33.57	33.73	33.15
CO (ppmvd)	64.68	47.81	46.02	52.84
O <sub>2</sub> (%vd)	16.12	16.34	16.38	16.28

**TABLE 2.2  
TURBINE GENERATOR ENGINE 75% LOAD DATA SUMMARY**

<b>Parameter</b>	<b>75% Load, Run - 1-4</b>	<b>75% Load, Run - 1-5</b>	<b>75% Load, Run - 1-6</b>	<b>Average</b>
<b>Date (mm/dd/yy)</b>	01/23/25	01/23/25	01/23/25	01/23/25
<b>Start Time (hh:mm:ss)</b>	14:54:13	16:03:13	17:15:13	14:54:13
<b>End Time (hh:mm:ss)</b>	15:53:43	17:02:43	18:14:43	18:14:43
<b>Run Duration (min / run)</b>	60	60	60	60
<b>Bar. Pressure (in. Hg)</b>	30.32	30.32	30.32	30.32
<b>Amb. Temp. (°F)</b>	52	52	49	51
<b>Rel. Humidity (%)</b>	35	35	48	39
<b>Spec. Humidity (lb water / lb air)</b>	0.002817	0.002817	0.003459	0.003031
<b>Load Designator</b>	75%	75%	75%	75%
<b>Power Output (MW)</b>	2.9	2.9	2.9	2.85
<b>NOx (ppmvd)</b>	48.61	48.81	46.64	48.02
<b>CO (ppmvd)</b>	18.02	17.77	19.28	18.36
<b>O<sub>2</sub> (%vd)</b>	15.56	15.53	15.60	15.56

**TABLE 2.1**

**DRAGON POWERGTM43M TURBINE MOBILE GENERATOR POWERED BY VERICOR GAS TURBINE ASE50B 1 LOAD DATA SUMMARY**

<b>Parameter</b>	<b>100% Load, Run 1</b>	<b>100% Load, Run 2</b>	<b>100% Load, Run 3</b>	<b>Average</b>
<b>Start Time (hh:mm:ss)</b>	8:43:06	10:08:06	11:25:06	--
<b>End Time (hh:mm:ss)</b>	9:42:36	11:07:36	12:24:36	--
<b>Run Duration (min / run)</b>	60	60	60	60
<b>Bar. Pressure (in. Hg)</b>	29.61	29.61	29.58	29.60
<b>Amb. Temp. (°F)</b>	68	68	68	68
<b>Rel. Humidity (%)</b>	88	87	95	90
<b>Spec. Humidity (lb water / lb air)</b>	0.013034	0.012883	0.014109	0.013342
<b>NOx (ppmvd)</b>	51.64	53.20	51.78	52.21
<b>CO (ppmvd)</b>	8.58	8.53	8.61	8.57
<b>O<sub>2</sub> (%vd)</b>	14.93	14.90	14.89	14.91

Power Output MW: 3.15 MW, all test runs.  
 Added by Dragon Products from recorded data, grm 08/04/25