

**TNGCL'S DATA PERTAINING TO COMPLIANCE OF CGD ACCESS CODE
REGULATION
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Format for public consultation for capacity booking on city or local natural gas distribution network

1. Name of entity: M/s Tripura Natural Gas Company Limited
2. Name of City or Local Natural Gas Distribution Network: Agartala City
3. Name of entry points and entry points capacity:

Sr. No.	Location of Entry Point	Size/Diameter of Down Stream Pipeline	Thickness of Pipeline (mm)	Maximum rated Capacity (SCMH)
1	CGS1: Khayerpur	6"	6.4	12000
2	Chandrapur	180 mm	16.4	6500
3	MG Bazar	180 mm	16.4	6000
4	Dukli	180 mm	16.4	1200
5	CGS2:Bodhjunnagar	4"	4.8	10000

4. Name of exist points, exit point capacity (in MMBTU at specified GCV) at each point and CNG exit point capacity (in Kg) at each Point:

Sr. No.	Exit Point	Area/ CNG or Domestic	Design/Installed Capacity (SCMH)	Design/Installed Capacity	Unit
1	DRS D-1	Chandrapur	6500	258	MMBTU/hr
2	CNG Station:	Khayerpur			
2.1	CNG Compressor#1		1200	845	kg/hr
2.2	CNG Compressor#2		1200	845	kg/hr
2.3	CNG Compressor#3		1200	845	kg/hr
3	CNG Station:	AD Nagar			
3.1	CNG Compressor#1		330	232	kg/hr
3.2	CNG Compressor#2		330	232	kg/hr
3.3	CNG Compressor#3		550	387	kg/hr
4	CNG Compressor#4	TRTC	630	444	kg/hr
5	Domestic Consumer	AD Nagar	6500 (approx)	258	MMBTU/hr
6	DRS	BIGC	6000	238	MMBTU/hr

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5. Required Gas parameters at entry points:

(a) Acceptable range of pressure and temperature:

Pressure:- 16-18 kg/cm²

Temperature: 30 °C

(b) Acceptable range the CV band: 9000

Particulars	5.05 km x 6" Coated Steel Pipeline from Chandrapur DRS	1.9 km x 4" Coated Steel Pipeline from NEEPCO to Bodhjungnagar
GCV: Kcal/SCM	9203.811	9214.244
NCV: Kcal/SCM	8259.766	8305.008

(c) Acceptable limits for other elements in natural gas like CO₂, N₂, O₂ etc

Particulars	5.05 km x 6" Coated Steel Pipeline from Chandrapur DRS	1.9 km x 4" Coated Steel Pipeline from NEEPCO to Bodhjungnagar
Isobutene:	0.108	0.107
N-Butane	0.058	0.052
Isopentene:	0.023	0.028
N-Pentane	0.021	0.013
Hexane:	0	0.013
Carbondioxide	0.328	0.179
Nitrogen:	0.398	0.38