

Petroleum and Natural Gas Regulatory Board

Notification

New Delhi, 24th June, 2021

GSR _____ . In exercise of the powers conferred by section 61 of the Petroleum and Natural Gas Regulatory Board Act, 2006 (19 of 2006), the Petroleum and Natural Gas Regulatory Board hereby makes the following regulations, namely: -

1 Short title and commencement

- 1.1 These regulations may be called the Petroleum and Natural Gas Regulatory Board (Access Code for Common Carrier or Contract Carrier Natural Gas Pipelines) Regulations, 2021.
- 1.2 These regulations will substitute the entire existing Petroleum and Natural Gas Regulatory Board (Access Code for Common Carrier or Contract Carrier Natural Gas Pipelines) Regulations, 2008, which came into effect on 17th July 2008 and all subsequent amendments to the said Regulations).
- 1.3 These regulations shall come into force on the date of their publication in the Official Gazette.

2 Definitions

- 2.1 In these regulations, unless the context otherwise requires-
 - 2.1.1 "Act" means the Petroleum and Natural Gas Regulatory Board Act, 2006;
 - 2.1.2 "Access Arrangement" means an agreement, including ancillary documents being part of such agreement, entered for transportation of Gas between the Transporter and Shipper specifically defining the terms and conditions for the access to the Common or Contract Carrier capacity of Natural Gas pipelines, as the case maybe, existing on the day of notification of present Regulations;
 - 2.1.3 "A Homogenous Area (AHA)" means a part of the pipeline within which the gas of similar specifications including calorific value is received or delivered over a specified time period;
 - 2.1.4 "Allocated capacity" means the scheduled maximum daily quantity;
 - 2.1.5 "Annual Maintenance Plan" means a programme (or an updated programme) of planned maintenance schedule of a Natural Gas pipeline containing firm maintenance periods for the next 12 months, submitted to NGGMS (as and when notified by the Board by way of relevant regulations) by way of a document disclosing the information as specified in sub-Regulation 14.3, and may also contain any other information that the Transporter may deem necessary;
 - 2.1.6 "Board" means the Petroleum and Natural Gas Regulatory Board (PNGRB) established under the Act;
 - 2.1.7 "Body Corporate" means a Body Corporate as defined in sub-section (ii) of Section 2 (11) of Companies Act, 2013;
 - 2.1.8 "Booked Capacity" means scheduled Maximum Daily Quantity (MDQ) of Gas on any Gas Day to be delivered at Entry Points or off taken at an Exit Point as per GTA or Access Arrangement as the case may be;
 - 2.1.9 "Common Carrier" means Common Carrier as defined in sub-section (j) of Section (2) of the Act;

- 2.1.10 “Contract Carrier” means Contract Carrier as defined in sub-section (m) of Section (2) of the Act;
- 2.1.11 “Custody Transfer Meter” means a device or a set of devices which measure the quantity of Natural Gas (in terms of volume and energy) for transfer of custody from one entity to another;
- 2.1.12 “Dispute” means any dispute or difference arising between the entities under or in connection with these regulations or the GTA or the access arrangement, as the case may be;
- 2.1.13 “Entry Point” means the point at which the Gas delivered by Shipper is injected into a Natural Gas Pipeline; this also means Unified Entry Point as per PNGRB (Determination of Natural Gas Pipeline Tariff) Regulations, 2008;
- 2.1.14 “Exit Point” means the point at which the Gas is withdrawn from the Natural Gas pipeline for delivery to the Shipper or end consumer as agreed between Transporter and Shipper; this also means Unified Exit Point as per PNGRB (Determination of Natural Gas Pipeline Tariff) Regulations, 2008;
- 2.1.15 “Gas or Natural Gas” shall have the meaning as per Section (2), sub-section (za) of the Act;
- 2.1.16 “Gas Access Bulletin Board” or “GABB” means a website owned and maintained by the Board or NGGMS, as the case maybe, wherein the requisite information as per Schedule II w.r.t. natural gas pipelines will be displayed on real time basis;
- 2.1.17 “Gas Day” means a period of 24 consecutive hours beginning from 0600 hrs which is further divided in four time slots i.e., 0600 hrs to 1200 hrs, 1200 hrs to 1800 hrs, 1800 hrs to 2400 hrs, and 0000 hrs to 0600 hrs of next day;
- 2.1.18 “Gas Transportation Agreement” or GTA” means a contract annexed as Schedule III which is executed between the Transporter and the Shipper or any other entity. GTA would have two parts i.e. standardized terms and conditions which shall be binding on all transporters, shippers and registered participants and other containing mutually agreed terms.
- 2.1.19 “Imbalance Management Services” means the services as specified in the Petroleum and Natural Gas Regulatory Board (Imbalance Management Services) Regulations, 2016;
- 2.1.20 “Maximum Achievable capacity” means the maximum quantity of natural gas that can be injected into the pipeline or off taken from the pipeline at specific points, meeting all the technical and operational parameters fixed in each pipeline section in a steady state conditions in line with the PNGRB (Determination of Capacity of Natural Gas or Petroleum Product Pipelines) Regulations, 2010
- 2.1.21 “Maximum Daily Quantity” or “MDQ” means the maximum volume of Natural Gas contracted, booked for delivery in a particular Gas Day;
- 2.1.22 “Measured Quantity” means the total quantity of Gas, measured in MMBtu, through the Measurement Equipment for a particular Point during the Day;
- 2.1.23 “Measurement Equipment” means all the equipment and facilities installed or provided at each Entry Point and Exit Point to measure the Gas flow, Operating Pressure and any other relevant information required as per Schedule II of these Regulations;
- 2.1.24 “National Gas Grid Management Services” or “NGGMS” or a Transmission system operator (TSO) or Independent System Operator (ISO) means the entity which may be appointed by the Board or by Government to regulate access to common carrier or contract carrier so as to ensure fair trade and competition amongst entities under these Regulation to ensure non-discriminatory transportation access, capacity reporting monitoring, operation planning and control etc.
- 2.1.25 “Nomination Deadline” shall be in accordance with the Exhibit A of the Operating Code;

- 2.1.26 “Off-Spec Natural Gas” means the Natural Gas which does not conform to the parameters specified in Schedule I;
- 2.1.27 “Operating Code” means the terms and conditions for access to a pipeline system as per Schedule IV of these regulations.;
- 2.1.28 “Operating Pressure” means the pressure corresponding to a particular flow rate at which the Natural Gas pipeline is operated;
- 2.1.29 “Overrun” means a case when the Natural Gas drawn by the Shipper from the Natural Gas pipeline, is greater than the allocated quantity to the said Shipper on a Gas Day;
- 2.1.30 “Registered Participants” means and includes an entity, person, Body Corporate, and company, as the case may be, registered with NGGMS and includes the following:
- a) Entities authorized under Petroleum and Natural Gas Regulatory Board (Authorizing entities to lay, build, operate or expand natural gas pipelines), Regulations 2008 to lay, build, operate or expand Natural Gas pipelines and
 - b) Entities that have booked or scheduled or nominated Natural Gas pipeline capacity on any given Gas Day.
 - c) Any Sellers or Buyer of Natural Gas who intend to deliver Gas at the Entry Point or wishes to offtake Gas at any of the Exit Points of any authorized Natural Gas Pipeline network.
- 2.1.31 “Shipper” means entity, who intends to utilize the capacity in the natural gas pipeline for transportation of Gas;
- 2.1.32 “System Use Gas” (SUG) means the quantity of Gas used by the Transporter for the operation and maintenance of the pipeline system, including but not limited to, compressors, gas heaters, close cycle vapor or thermo electric gas turbines for cathodic protection and supervisory control and data acquisition (SCADA) system;
- 2.1.33 “Transporter” means an entity authorized by the Board for laying, building, operating or expanding a Natural Gas Pipeline;
- 2.1.34 “Transportation Tariff” or “Transportation Rate” means Transportation Rate as defined in sub-section (zn) of Section 2 read with the Section 22 of the Act;
- 2.1.35 “Transporter Facilities” means all such pipelines and other equipment as may from time to time be necessary to receive gas from Shipper at Entry Point(s) and to deliver the Gas required at Exit Point(s).
- 2.1.36 “Transportation Service” means the service consisting of taking delivery of the Gas made available by a shipper at one or more Entry Points along the pipeline system and delivering an equivalent quantity of Gas in terms of energy at one or more Exit Points in accordance with the terms and conditions laid down in the GTA and
- 2.1.37 “Unit of Measurement” means unit for measurement of quantity of Gas and shall be in million British thermal units (MMBtu)
- 2.2 Words and expressions used and not defined in this Access Code but defined in the Act or in the other Regulations made there under, shall have the same meaning respectively assigned to them in such Act or Regulations made thereunder, as the case may be.

3 Application

- 3.1 These Regulations shall apply to an authorized entity, operating or proposing to operate a Natural Gas pipeline for transportation of Gas and providing access on Contract Carrier or Common Carrier basis, Shipper, NGGMS and registered participants.
- 3.2 Any entity authorized by the Board to lay, build, operate or expand a Natural Gas pipeline under the Petroleum and Natural Gas Regulatory Board (Authorizing Entities to Lay, Build, Operate or Expand Natural Gas Pipeline) Regulations, 2008 or authorized by the Central Government before the appointed day, can add new or abandon any existing Entry and Exit Point on the pipeline on techno-economic considerations provided that the existing customers on the pipeline are not adversely affected by the decision of the entity. In case, the existing consumers are adversely affected due to addition of new Entry and Exit Point on the pipeline, it shall be dealt in line with the relevant provisions of the Petroleum and Natural Gas Regulatory Board (Authorizing Entities to Lay, Build, Operate or Expand Natural Gas Pipeline) Regulations, 2008.
- 3.3 All capacity booking on natural gas pipelines including on contract or common carrier basis shall be on firm basis with ship or pay obligation.
- 3.4 These Regulations shall apply to the Gas Transportation Agreements executed between the Transporter and the Shipper or any other entity for transportation of Gas entered after the notification of these Regulations.
- 3.5 For the Access Arrangements entered before the notification of these Regulations, the Transporter shall intimate, six months prior to the expiry of the Access Arrangement, to the NGGMS about the expiry of the existing Access Arrangement and take necessary steps to upgrade the existing contracts as provided in these Regulations during the said period of six months.

4 Declaration of Capacity

- 4.1 The capacity of a Natural Gas Pipeline shall be as per Petroleum and Natural Gas Regulatory Board (Authorizing Entities to Lay, Build, Operate or Expand Natural Gas Pipelines) Regulations, 2008 or as determined by the Board under the Petroleum and Natural Gas Regulatory Board (Determining Capacity of Petroleum, Petroleum Products and Natural Gas Pipeline) Regulations, 2010.
- 4.2 Transporter, shall connect all Entry Point and Exit Point on its Natural Gas pipeline with measurement devices, indicating key process parameters including but not limited to flow, Operating Pressure and operating temperature on a continuous basis to a centralized server of the Transporter and/or GABB, as the case maybe. The measurement devices should also be installed with a transmitter for the purpose of transmitting specified process parameters to a centralized server of the Transporter and/or to the GABB, as the case maybe. However, in case such devices are not already installed, Transporter shall install the same within six months from the date of notification of these Regulations. Till such time, Transporters should provide/upload all the required details of Schedule-III and operational parameters, capacity used, capacity availability etc., at 0600 hrs on daily basis on its website and/or to GABB, as the case maybe.
- 4.3 Each Registered Participant shall ensure transmission of all details as mentioned in Schedule II of these Regulations, to the Transporter or NGGMS server, as the case maybe, within one (1) month of the notification of these Regulations;
- 4.4 Each Transporter shall publish/inform the details including Maximum Achievable Capacity in the format as specified in Schedule II to these Regulations on its website or GABB, as the case maybe. In case of other Registered Participants, the information shall be provided as per timelines specified in Schedule II to these Regulations;
- 4.5 Maximum Achievable Capacity declared by the Board or Transporter in Schedule II shall be available for

booking and allocation on Common Carrier or Contract Carrier basis in accordance with the methodology mentioned in regulation 10.

- 4.6 The Board or NGGMS, as the case maybe, shall monitor the reporting of data under these Regulation;
- 4.7 In case, the transporter or registered participant fails to provide the requisite information to NGGMS as mentioned above, it shall intimate NGGMS through an e-mail within 15 minutes. Further, the required information shall be provided to NGGMS through e-mail within one hour.
- 4.8 The NGGMS or transporter, as the case may be, shall host Entry and Exit Point -wise design and available capacity of each Natural Gas Pipeline section. This information shall be updated on GABB at 0600Hrs every day and upon the finalizing of final scheduling in each slots on real-time basis in the manner and format specified by the Board or NGGMS, as the case maybe, from time to time.

5 Gas parameter

- 5.1 Transporter shall formulate the Gross calorific value (GCV) band for the Natural Gas to be transported through Natural Gas Pipeline keeping in view the following parameters, namely: -
 - 5.1.1 requirements of downstream consumers of Natural Gas on the pipeline;
 - 5.1.2 technical requirement of the pipe line system; and
 - 5.1.3 GCV band of the pipelines either supplying Natural Gas into the pipeline system or receiving Natural Gas from the pipeline system
- 5.2 Transporter shall publish the GCV band on its website or GABB, as the case maybe, as referred in sub-regulation 5.1 and provide this information to the Board or NGGMS, as the case maybe, for the purpose of publishing this information on their platform which is either in physical or electronic form
- 5.3 GCV band referred to in sub-regulation 5.1.3 shall be applicable to all shippers (including the Transporter and all related entities in case they transport Gas through the pipeline) on non-discriminatory basis.
- 5.4 The Transporter shall review the GCV band for Natural Gas, at intervals as deemed necessary, by taking into account any new major sources of Gas supply or changes in the requirement of new downstream consumers. Transporter or NGGMS, as the case maybe, shall immediately inform the Board, as and when such updation is carried out by the service provider, publish the same on its website and provide this information to any other third-party entity, as authorized by the Board, for the purpose of publishing this information on their platform.
- 5.5 The threshold limits for various parameters or constituents of Natural Gas like CO₂, CO, H₂S, N₂, O₂, water dew point, hydrocarbon dew point, etc. shall be as given in Schedule I.
- 5.6 Transporter shall define the Gas parameters at Entry Points in terms of Gas hydraulics specifying the acceptable range of pressure and temperature and the same shall be hosted on the website of the Transporter as well as GABB.
- 5.7 The Shipper shall supply Gas at the Entry Point conforming to all parameters specified above and the Transporter shall deliver Gas at Exit Point conforming to parameters of Gas as specified in sub-regulations 5.5 or as agreed. Provided that the pressure and temperature shall be as per the contract between Shipper and the Transporter.

6 System Use Gas (SUG) and Line Pack (LP)

A Shipper shall sell or provide the Gas, if required by the Transporter, for SUG, LP at the prevailing market price in proportion to its capacity booking in the pipeline.

Provided that, the Transporter shall be free to arrange this Gas from any other source.

7 Measurement of gas

7.1 The Transporter shall ensure provision of the Entry Point(s) and Exit Point(s) equipment, to measure Gas composition, GCV, pressure and temperature; as specified in regulation 5.

7.2 Transporter shall divide the Natural Gas pipeline into a number of A Homogenous Area (AHA) and shall continuously measure the quality parameters by Gas Chromatograph (GC) in each AHA.

7.3 Total error limit and accuracy of the Measurement Equipment shall be as agreed to between the entities subject to such mandatory specifications as mentioned under these Regulations.

7.4 The Transporter shall carry out verification, calibration or proving of Measurement Equipment at a periodicity as agreed between transporter and shipper but not later than the periodicity as defined in the relevant codes and standards.

7.5 The Shipper may install check meters at requisite points with a pre-condition so as not to interfere with the Measurement Equipment installed by the Transporter.

7.6 Gas accounting shall be done on daily basis and the Gas reconciliation, billing and other terms shall be as per agreement between the Transporter and the Shipper.

7.7 The accounting of the Gas shall be in energy terms and shall be based on Gross Calorific Value as defined in ISO 6976:2016.

7.8 Measurement and Calibration

7.8.1 Measured Quantity shall be recorded in MMBtu at the Entry and Exit Points. The error or inaccuracy permitted shall be as agreed between transporter and shipper. At the end of calibration, the Measurement Equipment shall register accurately and no individual transmitter feeding into total flow computation shall have an error of more than 0.5%. However, during reconciliation, the difference shall not be more than ± 0.1 % of the gas transported in a year.

7.8.2 If a Shipper has any reasonable doubt about the proper working of the Measurement Equipment, it may request that Transporter to re-calibrate, validate or prove the equipment. Such claim, if found correct by the Shipper or Transporter, quantity of gas shall be adjusted against the subsequent invoices by the Transporter, as applicable. Upon not being satisfied, the Shipper may request the Transporter to perform such test jointly, the cost of such test shall be borne by Shippers if the percentage of inaccuracy in the measurement is found to be within ± 0.5 % band.

7.8.3 If on joint calibration/ validation/ proving the Measurement Equipment registers a variation of more than ± 0.5 % or if the meter is out of service or fails, stops or breaks down, the following procedure in order of priority, whichever is feasible for arriving at the computation of Natural Gas during the period between the last calibration/ validation/ proving, failure, stoppage or breaking and present one shall be followed:

- a) By correcting the error if the percentage of error is ascertainable by a calibration/ validation/ proving, test or mathematical: or
- b) By estimating the quantity of Gas delivered by comparison with deliveries during a period under similar conditions, when the meter was registering accurately.

- 7.8.4 The period to which the above conditions shall apply are as under:
- a) If any period during which the meter is out of service or fails, stops or break down is known or agreed upon, that shall be the period to which the correction shall be applied; or
 - b) If the period is not known, the correction shall be made for a period equal to half of the time elapsed since the date of the preceding calibration/ validation/ proving test not exceeding a correction period of thirty (30) days.
- 7.8.5 In any case, if at the time of calibration/ validation/ proving, the meter error exceeds beyond the agreed accuracy such meter shall be recalibrated.

8 Obligations at Entry Point(s) and Exit Point(s)

8.1 At any Entry Point(s), when the Shipper delivers Natural Gas that does not meet the quality requirements as specified in Schedule I of these regulations, in respect of CV band and threshold level of other elements of gas, the Transporter may-

8.1.1 refuse to accept it; or

8.1.2 accept any Gas that does not meet the requirement of Gas in terms of Gas parameters-

a) as specified at Schedule I –

Provided that Transporter may charge reasonable cost of service from the Shipper for any additional facilities or treatment for cleaning up or integrity requirements of the pipeline and to upgrade Gas to pipeline specifications;

Provided further that such Off-Spec Natural Gas does not adversely affect the existing customers' quality specifications committed by the Transporter at the Exit Points;

b) as specified in sub regulations 5.1 and 5.5 of Regulation 5:

Provided that the Transporter may charge the reasonable cost of service for the capacity adjustment from the Shipper for transportation of such Gas and for capacity constraints in the system: Provided further that such Off-Spec Natural Gas does not adversely affect the existing customers' quality specifications committed by the Transporter at the Exit Points or their respective contracted capacities.

8.2 At the Exit Point, when the Transporter delivers Gas that does not meet the quality requirements as specified in Schedule I, the Shipper may do any of the following acts-

8.2.1 Refuse to offtake the Gas transported by the Transporter. In such a case, the Transporter shall be liable to pay liquidated damages to the shipper as per their terms of contract for existing Access Arrangements before the notification of these Regulations and as per the GTA executed between the Transporter and Shipper after the notification of these Regulations; or

8.2.2 Accept the Gas and in such a case no charges shall be payable by the Transporter or with charges as agreed with Transporter.

9 Facilities at Entry Points and Exit Points

- 9.1 Shipper shall arrange to deliver Gas at Entry Points on the pipeline system and shall provide facilities, required for transfer of custody and delivery of Gas to the Transporter unless otherwise agreed to between the Shipper and the Transporter and shipper may install measuring equipment / check meters.
- 9.2 Transporter shall own and operate facilities including Measurement Equipment at Entry Point for taking delivery and transfer of custody from the Shipper unless otherwise agreed to between the Shipper and the Transporter.
- 9.3 Transporter shall execute hooking up facility of Shipper to the Entry Points at the cost of the Shipper or shipper can create these facilities of its own.
- 9.4 Shipper shall own, operate and maintain facilities, upstream of Entry Points at his own cost unless otherwise agreed to between the Shipper and the Transporter.
- 9.5 Transporter shall own and operate facilities including Measurement Equipment at Exit Point for transfer of custody and entry of Gas to the Shipper unless otherwise agreed to between the Shipper and the Transporter.
- 9.6 Transporter shall execute, at the cost of Shipper, the facility of hooking up of Shipper facility with that of Transporter at Exit Point or shipper can create the facilities of its own.
- 9.7 Shipper shall provide space and cooperate with the Transporter in installing, operating, maintaining and modifying any specific Exit Point facilities when such Exit Point facilities are provided in the premises of the Shipper.
- 9.8 Shipper may provide check meter, conforming to the applicable standard and specifications, at the entry and Exit Point in Natural Gas Pipeline:
- 9.9 In case of any dispute in metering, the meter proving or certification shall be carried out as provide in sub-section 7.8.

10 Methodology for Natural Gas Pipeline Capacity Booking

- 10.1 The NGGMS or transporter, as the case may be, shall host each Natural Gas Pipeline section, Entry and Exit Point -wise design and available capacity of the Natural Gas Pipeline. This information shall be updated on its website or GABB at 0600 hrs every day and on real-time basis during intraday trade or after finalizing of scheduling in each slot, in the manner and format specified by the Board or NGGMS, as the case maybe, from time to time.
 - 10.1.1 A shipper intending to avail access to Common Carrier capacity, shall make an application as per Schedule VI to the Transporter or NGGMS, as the case maybe, in accordance with these Regulations.
 - 10.1.2 The application for Common Carrier capacity shall contain the details, such as names and location of Entry Point(s) and Exit Point(s), capacity to be booked and interface at which it is referred to, point of injection, point of withdrawal, starting time block and date, ending time block and date, and such other information that may be required.
- 10.2 More than one Shipper can hold capacity at any Entry or Exit Point.

11 Booking of the capacity, Nomination and Scheduling in Natural Gas Pipeline:

- 11.1 Booked Capacity shall be through a contract Access Arrangement between Shipper and Transporter under "Access Arrangement" existing between transporter and shipper before the day of notification of these regulations in the form of MDQ.

11.2 The Booking of the capacity, Nomination and Scheduling in Natural Gas Pipeline shall be in line with Operating Code as defined in Schedule IV of these Regulations.

12 Interconnection of two Common Carrier or Contract carrier Natural Gas Pipelines

12.1 The interconnection of two Common Carrier or Contract Carrier pipeline systems may be necessitated by either a Transporter or a Shipper and such interconnection shall be allowed subject to capacity available in the receiving Natural Gas Pipeline and when it is operationally and technically feasible in line with PNGRB authorization Regulations;

12.2 The Gas quality specifications for interconnecting pipelines should be compatible;

12.3 The cost of such interconnection point shall be borne by the entity that has triggered such requirement for interconnection. The cost of interconnection may include the cost of compression equipment for meeting the operational requirements for receiving Natural Gas in the Natural Gas Pipeline; provided that the existing customers on the pipelines to be interconnected are not adversely affected by the decision of the transporter or shipper.

12.4 The execution of the interconnection facilities at the connection point shall be carried out by the Transporter who owns the Natural Gas Pipeline receiving the natural gas unless otherwise agreed between the transporter and entity seeking the interconnection. Provided that the existing customers on the pipelines to be interconnected are not adversely affected by the decision of the transporter.

12.5 At the interconnection point, transporter who is delivering the gas to another pipeline system owned by another transporter, shall provide facilities, required for transfer of custody and delivery of Gas to the other Transporter unless otherwise agreed to between two Transporter and receiving transporter may install measuring equipment / check meters.

13 System indiscipline and Imbalance Management Charges:

13.1 If the pipeline capacity has been utilized by the shipper without permission of the transporter over 110% of the capacity allocated, then, the shipper shall be charged for such unauthorized overrun by the transporter in a transparent manner on non-discriminatory basis.

13.2 If the shipper off-takes less quantity of gas from the pipeline system than injected into it, then, the shipper is creating positive imbalance and it shall be allowed a cumulative positive imbalance of ten per cent of allocated capacity as tolerance limit.

13.3 Positive imbalance up to ten per cent of the booked capacity shall not attract any positive imbalance charges and the shipper shall be charged by the transporter for positive imbalance charges in a transparent manner on non-discriminatory basis if it exceeds ten per cent.

13.4 If shipper off-takes more quantity of gas from the pipeline system than injected into it, then, the shipper is creating negative imbalance and the shipper shall be allowed a cumulative negative imbalance of five per cent of allocated capacity as a tolerance limit.

13.5 Negative imbalance up to five percent of the allocated capacity shall not attract any negative imbalance charges and the shipper shall be charged by the transporter for negative imbalance charges in a transparent manner on nondiscriminatory basis if it exceeds five percent.

13.6 Charges for the system indiscipline, that is, for unauthorized overrun positive imbalance and negative imbalance shall be on daily basis in terms of maximum daily quantity.

13.7 Subject to sub-regulation (8), the transporter shall maintain the pipeline system in such a way that the

allowed cumulative positive imbalance of 10% or negative imbalance of 5% does not interfere with the operations of the pipeline and shall ensure that the shippers get their allocated quantities within acceptable contractual variations, at specified gas parameters at exit points.

- 13.8 It shall be the responsibility of the defaulting shipper to cure imbalances beyond the permissible limit caused by it in transporter's pipeline and in case, the defaulting shipper is unable to cure such imbalances within a period of fifteen days, then, the transporter shall have the right to adjust daily-nominated quantity of such shipper to mitigate such imbalances to ensure safety and integrity of pipeline system.
- 13.9 In case the transporter and the shipper have entered into an agreement which recognizes an aggregated volume of natural gas on periodic basis and the shipper makes commitment to avail the capacity intermittently within a period less than one year, the imbalances and overrun charges shall be calculated on maximum daily quantity basis as scheduled by the shipper and the transporter.
- 13.10 An escrow account shall be maintained by the Board from the date of the commencement of Petroleum and Natural Gas Regulatory Board (Access Code for Common Carrier or Contract Carrier Natural Gas Pipelines) Amendment Regulations, 2019, in which all of the Transporter's receivables shall be credited, for better understanding of any imbalances and overruns in the Transporter's receivables. The imbalance and overrun charges shall be as follows:

S. No.	Item	Particulars	Charges
1	Unauthorised Overrun	Beyond 110% of the allocated capacity	½ time tariff of natural gas pipeline
2	Positive Imbalance	Cumulative Imbalance beyond 10% of booked capacity	½ time tariff of natural gas pipeline
3	Negative Imbalance	Cumulative Imbalance beyond 5% of booked capacity	½ time tariff of natural gas pipeline

- 13.10.1 The transporter shall raise a separate invoice towards imbalance and overrun charges, including applicable taxes and levies. The transporter shall deposit the taxes and levies with the concerned authorities.
- 13.10.2 The transporter shall make all reasonable efforts for recovering the imbalance and overruns charges referred to in sub-regulation 13.10.1 from the shipper within the period it allows shipper to pay its transportation charges.
- 13.10.3 The transporter shall deposit the amounts received by it from the shipper on account of the charges referred to in sub-regulation 13.10.1 (excluding taxes and levies) into the escrow account maintained by the Board within a period of fifteen days from the end of the calendar quarter during which such amounts were received by it along with such details thereof as the Board may require from time to time. Transporter is not allowed to retain or deduct any amount (except for taxes and levies) received by it except the claim approved by the Board under sub-regulation 13.10.7.
- 13.10.4 The transporter shall submit to the Board month-wise, pipeline-wise and shipper-wise details of such charges as are recoverable from each shipper, amounts received from the shippers and the amounts due from shippers and its reconciliation with the amount deposited in accordance with as specified in sub-regulation 13.10.3, quarterly within a period of sixty days from the end of each quarter along with a certificate from a Chartered Accountant certifying such details and further, at the end of each financial year, an annual certificate containing the said details shall be submitted by the transporter

to the Board along with the certificate for the fourth quarter. Format for providing such details is as specified in Schedule V to these regulations.

13.10.5 The transporter may claim from the escrow account maintained by the Board the amounts incurred by it towards its contractual obligations with reference to supply or pay and extra efforts to compress gas in case of negative imbalances and system management of the pipeline system due to such imbalances created by the shippers:

13.10.6 Provided that such claim shall not exceed the amount deposited by entity in the escrow account.

13.10.7 The claim under sub-regulation 13.10.5 may be submitted annually by the transporter to the Board within 60 days of the end of each financial year with details such as details of amounts incurred by it, its bank account details, Permanent Account Number and detailed rationale of such claim, along with a certificate from a Chartered Accountant certifying such details.

13.10.8 The Board shall consider such claims on merits and may seek such further information as it may deem fit and the Board shall communicate the amount of claim approved to the transporter within 60 days from receipt of complete information, which may be deducted by the transporter from the subsequent deposits to be made by it into the escrow account.

13.10.9 The accumulated amounts lying in the escrow account established by the transporter along with interest and any other earnings thereon shall be deposited by the transporter into the escrow account established by Board within thirty days from these regulations. The transporter shall submit year-wise, pipeline-wise and shipper-wise details of total imbalance and overrun charges received by it from all the shippers, details of deposit of such charges in its escrow account, details of withdrawal from such escrow account and details of interest or any other earnings from such escrow account up to the date of transfer of whole amount to the escrow account operated by the Board along with a certificate from a Chartered Accountant certifying these details within ninety days from the commencement of these Regulations and further, if transporter deducts or retains any amount from the imbalance and overrun charges received from shippers before depositing it in the escrow account maintained by it in any of the past period, the transporter is required to submit the year wise details thereof along with certificate from chartered accountant to the Board.

13.10.10 The Board may issue such interim order as it thinks fit, either on the application of the transporter or on its own, to remove any difficulty in implementing the provisions of sub-regulation 13.10.8 where the accumulations are invested by the transporter in deposits maturing beyond thirty days from the commencement of these regulations.

13.11 The balance amount available in the escrow account, after the eligible withdrawal by the transporter, under sub-regulation 13.10 may be utilized in such a manner and for such purposes as may be specified by the Board.

13.12 A transporter shall provide, under the relevant regulations of the Board, Imbalance Management Services to the extent it is technically and operationally feasible.

13.13 Curing of Imbalances,

Following process shall be followed for curing of imbalances:

a. Permitted Imbalances

i. The shipper shall have the first right to cure the imbalance which shall be cured by 16th of every

month for the imbalance continuing in first fortnight and by 1st of subsequent month for the imbalances continuing in second fortnight of previous month.

- ii. The Shippers shall further have the right to adjust the overrun and imbalance as per relevant provisions of Petroleum and Natural Gas Regulatory Board (Imbalance Management Services) Regulations, 2016.
- iii. In case, the Shipper fails to cure the imbalance in the manner provided for in sub-regulation 13.13 (a)(i) and 13.13 (a)(ii) then, the Transporter shall cure the imbalance by procuring or selling the net quantity of imbalance gas from the market. In that case, the Shipper shall have to pay the actual delivered cost of gas for overrun or receive the actual amount for gas which is not withdrawn. However, Shippers would be required to pay a levy of 5% of actual gas price on such transactions.

b. Unauthorised Imbalances

- i. The shipper shall have the first right to cure the imbalances which shall be cured within 24 hours failing which the transporter shall cure the imbalance by procuring or selling the net quantity of imbalance gas from the market. In that case, the shipper shall have to pay the actual delivered cost of gas for overrun or receive the actual amount for gas which is not withdrawn. However, shippers would be required to pay a levy of 5% of the gas price on such transactions.

14 Annual Planned maintenance (AMP)

- 14.1 The Transporter, no later than 28th February of each calendar year shall prepare and submit its AMP to NGGMS for publishing in the GABB for the period commencing on 1st April of each calendar year. The AMP shall be hosted on the Transporter's website. In case of the commissioning of pipeline during the year, AMP shall be submitted with a month for the remaining part of the year.
- 14.2 Shippers utilizing over than 10% of pipeline capacity shall publish their respective AMP for optimal unitization of pipeline capacity and submit it to the Transporter and the NGGMS.
- 14.3 The Maintenance Programme shall identify:
 - 14.3.1 The Natural Gas Pipeline Entry Points and Exit Points at which the ability of the Transporter to accept delivery of Gas or to make Gas available for offtake will be affected by planned maintenance of the Natural Gas pipeline;
 - 14.3.2 The periods (within the relevant Planned Maintenance Period) for which such Entry Points and Exit Points shall be so affected; and
 - 14.3.3 Where Transporter expects that they shall be able to accept Gas at Entry Points or make Gas available at the Exit Point for offtake, but on a restricted basis, then the Transporter shall provide an indicative estimate of the Maximum Achievable Capacity of such Natural Gas Pipeline.
- 14.4 The information specified in sub-regulation 14.3 shall be identified for the Entry and Exit Points and shall also be provided to the Shippers or entities that have booked capacity during the period when gas flow shall be impacted due to AMP.
- 14.5 AMP shall contain information in relation to the operational planning of the designated Natural Gas Pipeline or maintenance which shall not affect the Transporter's ability to accept delivery of gas available for withdrawal, but such information will not be binding on the Transporter or the Shippers.
- 14.6 Maintenance planning

- 14.6.1 Transporter shall plan the maintenance of the Natural Gas Pipeline and prepare Maintenance Programmes in good faith so as to coordinate the timing of such maintenance, which would in turn minimize disruption of operation of Natural Gas Pipelines and associated facilities.
- 14.6.2 For the purpose of preparing Maintenance Programme, the Transporter may request for information from multiple Shippers. In case, the information provided by one Shipper conflicts with the information provided by another Shipper for the same Natural Gas Pipeline, then the Transporter shall inform such Shippers regarding such conflict. Transporter, in such a case, shall strive to resolve such conflicts. However, in case, such conflicts are unable to get resolved within the timelines specified by the Transporter, then the Transporter acting reasonably shall have the discretion to make assumptions that they deem appropriate. In case the Transporter requests for any information from Shippers for the purpose of Maintenance Programme, and the Shippers do not provide the requested information within the timelines specified, then the Transporter shall have the discretion to use their best estimates to fill in the information.
- 14.6.3 The Transporter shall inform the affected Shippers of any change in the maintenance plan, within one Gas Day and publish such change in the NGGMS and GABB.
- 14.6.4 The planned maintenance shall not exceed ten days in a period of twelve (12) months commencing on 1st April of each calendar year.

15 Information about force majeure

- 15.1 The affected party shall on occurrence of any force majeure –
- 15.1.1 Notify the other parties of the occurrence and NGGMS and nature of the force majeure, as soon as reasonably practicable but no later than one (1) Gas Day, the expected duration thereof in so far as the same can reasonably be assessed and the obligations of the affected party performance of which is affected thereby; and
- 15.1.2 from time to time thereafter provide to each other party and NGGMS reasonable details of the following namely –
- a) developments in the matters notified under sub-regulation 15.1.1;
 - b) the steps being taken by the affected party to overcome the force majeure occurrence or its effects and to resume performance of its relevant obligations.
- 15.1.3 The entities shall be relieved of their respective obligations in the event of force majeure except for the obligation to pay when due.

16 Emergencies

The procedures shall be followed by Shipper and the Transporter in the event of an emergency for existing contracts before notification of these Regulations, shall be included in the Access Arrangement executed between Shipper and Transporter. The following procedures shall be followed by Shipper and the Transporter in the event of an emergency for new contracts after notification of these regulations:

- 16.1 An Emergency may occur:
- 16.1.1 by reason of a leakage, or suspected leakage of Gas; or

- 16.1.2 in circumstances which, in the opinion of the Transporter, acting as a Reasonable and Prudent Operator (RPO):
- a. the safe conveyance of Gas by the Transporter Facilities is at risk,
 - b. gas is at such a pressure or of such a quality as to constitute, when supplied to premises, a danger to life or property; or
 - c. any other circumstances, which the Transporter believes could constitute an Emergency (which, for the avoidance of doubt, may include circumstances upstream of an Entry Point), and, where the context requires a reference to an Emergency includes the event or circumstance which gives rise to such an Emergency.
 - d. in particular, but without limitation, where the Transporter's ability to maintain safe pressures within the Transporter Facilities is affected or threatened by an interruption or disruption to the Transporter Facilities or by, an insufficiency of deliveries of Gas to other Shipper's Facilities, or by any actual or potential failure of or damage to any part of the Transporter Facilities or any other act or omissions of the Shipper which gives rise to any of the situations enlisted in this regulation 16.1.
- 16.1.3 As soon as reasonably practicable, in all cases set out in sub-regulation 16.1.1 and 16.1.2 above, the Transporter shall notify the Board or NGGMS, as the case maybe, of the pertinent details of such Emergency and an estimated curing period.
- 16.1.4 An Emergency shall continue until such time as the Transporter determines and subsequently notifies to the Board or NGGMS, as the case maybe, that the circumstances referred to in this clause no longer apply, that no further Emergency steps are required, and that normal operation of the Transporter Facilities may be resumed.
- 16.1.5 The Board or NGGMS, as the case maybe, in consultation with the Transporter, acting as Reasonable Prudent Operator (RPO), shall take pertinent steps to restore transportation of Gas and normal operation of the Transporter Facilities with reasonable diligence and efforts considering the most appropriate and predictable outcome, after an Emergency.

17 Roles and Responsibilities of NGGMS

- 17.1 NGGMS shall make rules to regulate access to common carrier or contract carrier so as to ensure fair trade and competition amongst entities under these Regulation to ensure non-discriminatory transportation access, capacity reporting monitoring, operation planning and control in line with the PNGRB Act and the Regulations made thereunder. These Rules shall be approved by the Board prior to its implementation.
- 17.2 The NGGMS shall have inter-alia the following functions:
- i. Collection and maintenance of the transportation pipeline capacity data
 - ii. Booking of own, contract and common carrier capacity of natural gas pipelines
 - iii. Assessment of technical and operational aspects of gas delivery and injection into a natural gas pipeline
 - iv. Monitoring of system to ensure whether the data reported by entities are on time and is of appropriate quality
 - v. Collate and reconcile data reported by various entities
 - vi. Preparing and publishing the requisite information as per Schedule II on the GABB platform

- vii. Sending notices to entities for failure to report data within stipulated timelines
- viii. Levy fines to entities who fail to report requisite data to the Gas Access Bulletin Board
- ix. Accepting gas flow nominations and estimating pipeline capacity booked but not nominated at Nomination Deadlines
- x. Scheduling Gas flow and Curtailment
- xi. Estimation of imbalances and overruns
- xii. Co-ordination for billing for actual gas transmission through natural gas pipelines on a fortnightly basis
- xiii. Assessment of the data quality shared by various Registered Participants and seeking reasons from the Registered Participants in case of deviations from historical trends
- xiv. Settlement of unified tariff and Administering regular amendments to the changes in data reporting requirement for GABB and ensuring compliance of the procedures developed by the Operator in conjunction with PNGRB.

17.3 The NGGMS shall also display the following information on GABB:

- i. Capacity Information:
 - a. Capacity Outlook (in MMSCMD) of each Natural Gas Pipeline section i.e. capacity utilization/availability for the given period.
 - b. Display major events including, planned maintenance and other planned works including of shippers.
 - c. Capacity adequacy indicator to indicate the availability of capacity in Natural Gas Pipelines based on the nameplate capacity and the sum total of all nominations received for each pipeline.
- ii. Applicable Transportation Tariff as approved by the Board under Petroleum and Natural Gas Regulatory Board (Determination of Natural Gas Pipeline Tariff) Regulations, 2008
- iii. Map of the India pictographically indicating the location of each of the Common Carrier Natural Gas Pipelines upon which the provisions of this regulation apply
- iv. Actual Operating Pressure at each Entry Point and Exit Points. In case of planned maintenance what would be the likely Operating Pressure
- v. List of the Registered Participants who have failed to report the information as per Schedule II of this Regulation

17.4 Till the time, NGGMS is operational, Transporter shall be responsible for providing information on its website as well as compliance to provisions of these Regulations. Further, Transporters would also provide the information to PNGRB under these Regulations.

18 Obligation of Transporters, Shippers and Registered Participants

The entities shall have the following functions.

- i. Register with NGGMS
- ii. Providing the requisite data as per the timelines specified in Schedule II to the NGGMS.
- iii. The Registered Participants shall provide the following information to the NGGMS within 30 days of publication of these Regulations in case of existing pipelines and new pipelines authorized by the Board after notification of present Regulations:
 - a. Registered Participant name;
 - b. Name and contact details of Authorized representative of Registered Participant; and

- c. Address, telephone numbers, email address of both regional and facility office, as the case may be;
- d. Natural Gas Pipeline name declared as Common Carrier by the Board

19 Confidentiality of Information

All documentation, information, data, submissions and comments disclosed or delivered whether in writing or otherwise by any entity to the Transporter, shipper or to any other party either in connection with or in consequence of the requirements of these Regulations shall be regarded and treated as confidential and shall not be disclosed either in full or part of any or all of the documentation, information, data, submissions and comments including the contents and copies thereof in any form except in connection with proceedings in any court or as approved by the Board.

20 Compliance of these Regulations

The Board shall monitor the compliance to these regulations either directly or through any approved or nominated entity.

21 Miscellaneous

In case any Dispute arises with regard to the interpretation of any of the provisions of these Regulations, the decision of the Board shall be final.

Schedule I

[see sub-regulation 2.1.26, 5.5, 8.1, & 8.2]

Gas quality specifications

Parameters	Limit
Hydrocarbons dew pt (Degree Celsius, max)*	0
Water dew pt (Degree Celsius, max)*	0
Hydrogen Sulphide (ppm by wt. max.)	5
Total Sulphur (ppm by wt. max.)	10
Carbon dioxide (mole % max.)	6
Total inerts (mole %)	8
Temperature (Degree Celsius, max.)	55
Oxygen (% mole vol. max.)	0.2

* At the pipeline Operating Pressure

Schedule II - Information to be submitted to NGGMS

[see sub-regulation 17]

1 Introduction

This schedule defines the requirement w.r.t. submission of data / information by entities and its updation on GABB in accordance with these regulations.

- i. Details of operational pipelines/partially commissioned pipelines like length, diameter, capacity, project completion schedule, route of the pipeline along with co-ordinates to be provided in order to display in the online interactive map by the GABB operator.
- ii. Information of the Maximum Achievable Capacity shall be provided for each Natural Gas Pipeline by Registered Participants in the Format mentioned in the table below: (On a separate webpage of the GABB, the below mentioned data shall be displayed by the Operator. Historically, Common Carrier capacity information (for a minimum of three years) to be provided by Registered Participants on quarterly basis in the Format mentioned in the table below:

Parameter	Description	Registered Participant responsible for reporting	Time of Gas Day
Location Name	Name of the place where the Entry Points / Exit Point / compressors are located	Transporter and Shipper	One month prior to date of commissioning
Location ID	Unique Identification Number of the location where the Entry Points / Exit Point / compressors are located, as utilized by the Transporter on their SCADA or any equivalent system	Transporter	One month prior to date of commissioning
Location purpose description	Entry Point or Exit Point or Compressor	Transporter	One month prior to date of commissioning
Location type with ID	In codified form whether a location is a Entry Point or Exit Point	Transporter	One month prior to date of commissioning

Parameter	Description	Registered Participant responsible for reporting	Time of Gas Day
Flow Indicator	In codified form whether a location is an Entry Point or Exit Point	Transporter	One month prior to date of commissioning
Design Capacity	Name Plate Capacity (in MMSCMD)	Transporter	Every year by 1 st April or within one (1) business day, as and when any change takes place in capacity
Maximum Achievable Capacity	Authorized or declared in MMSCMD	Transporter	Every day by 0600 hours
Total Supply Quantity	Total Gas Inflow into the Natural Gas Pipeline on the respective Gas Day	Transporter	Every day by 0600 hours
Available Capacity	Capacity of natural gas pipeline which could be booked by Shippers	Transporter	Every day by 0600 hours
All quantity available	Indication (as Y = Yes and N = No) whether any Entry Point or Exit Point cannot accept or withdraw quantity greater than or equal to the Nameplate Capacity	Transporter	Every day by 0600 hours
Intra-day Capacity	Available intra day Capacity of pipeline (in MMSCMD)	NGGMS/Board	Every day at 0600, 1200, 1800 hours
End of Effective Gas Day		NGGMS/Board	Every day by 0600 hours of D+1
Operating conditions for Contract and	For all the contracts	NGGMS/Board	One day prior to the Gas Day

Parameter	Description	Registered Participant responsible for reporting	Time of Gas Day
Common carrier capacity			

iii. Gas Quality parameters shall be provided by Registered Participants in the Format mentioned in the table below for publication on GABB:

Parameter	Description	Registered Participant responsible for reporting	Time of Gas Day
Row ID	Serial number of the gas chromatograph reading assessed	Transporter	Within ten (10) hours from the end of a Gas Day
Quality of gas	Gas day for which these quality parameters pertain to	NGGMS/Board	Every day by 0600 hours
Location Description	Name of the location from where the same reading has been taken	Transporter	Within ten (10) hours from the end of a Gas Day
Gross Calorific Value (in kCal per SCM)	Gross heating value of Gas assessed for a particular Gas Day	Transporter	Every day by 0600 hours
Specific Gravity	Specific gravity of Gas	Transporter	Every day by 0600 hours
Wobbe Index	Wobbe Index of gas	Transporter	Every day by 0600 hours
Nitrogen (mole percent)	Nitrogen content in natural gas	Transporter	Every day by 0600 hours
Carbon Dioxide (mole percent)	Carbon dioxide content in natural gas	Transporter	Every day by 0600 hours
Methane (mole percent)	Methane content in natural gas	Transporter	Every day by 0600 hours

Parameter	Description	Registered Participant responsible for reporting	Time of Gas Day
Water Vapor (ppm by wt. max.)	Water Vapor content in natural gas	Transporter	Every day by 0600 hours
Total Sulphur (ppm by wt. max.)	Sulphur content in natural gas	Transporter	Every day by 0600 hours
Hydrogen Sulfide (ppm by wt. max.)	Hydrogen Sulfide content in natural gas	Transporter	Every day by 0600 hours
Oxygen (% mole vol. max.)	Oxygen content in natural gas	Transporter	Every day by 0600 hours

- iv. Critical Notices, Non-critical, and Planned Maintenance shall be provided by Registered Participants in the Format mentioned in the table below for display on GABB:

Parameter	Description	Registered participant responsible for reporting	Time of Gas Day
Notice Type	Details of the following: <ul style="list-style-type: none"> • Constraint • Force Majeure • Non-compliance of regulation 5 • Curtailment • Line Pack Status • Planned Maintenance 	Transporter	Within one (1) business day when such notices are issued
Posting Date/ Time	Date and time of the notices being issued	NGGMS/Board	Within one (1) business day when such notices are issued
Notice Effective Date/ Time	Date and time when the notices become effective	Transporter/ NGGMS	Within one (1) business day when such notices are issued
Notice ID	Unique number of any such notice being issued	Transporter/ NGGMS	Within one (1) business day when such notices are issued

Subject	Subject to which the notice pertains to	Transporter/ NGGMS	Within one (1) business day when such notices are issued
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- v. Details of capacity booked shall be provided by Registered Participants in the Format mentioned in the table below for display on GABB:

Parameter	Description	Registered Participant responsible for reporting	Time of Gas Day
Posting Date/ Time	Date and time when the overrun/ imbalance has been reported	NGGMS/Board	Within 6 hours of any such incidents
Shipper Name	Name of the shipper that has been charged with any overrun/ imbalance charges	NGGMS/Board	Within 6 hours of any such incidents
Type of Contract	Whether the booked capacity is of term ahead, day ahead and Intraday	NGGMS/Board	Within 6 hours of any such incidents
Contract Start Date	Start date of the Contract	NGGMS/Board	Within 6 hours of any such incidents
Contract End Date	End date of the Contract	NGGMS/Board	Within 6 hours of any such incidents
Gas day	Gas day for which the charges are levied	NGGMS/Board	Within 6 hours of any such incidents
Location Name	Name of the place where the Entry Point / Exit Point/ compressors are located	Transporter and Shipper	-
Location ID	Unique Identification Number of the location where the Entry Point / Exit Point / compressors are located, as utilized by	Transporter	-

Parameter	Description	Registered Participant responsible for reporting	Time of Gas Day
	the Transporter on their SCADA or any equivalent system		
Location purpose description	Entry Point or Exit Point or Compressor	Transporter	-

Schedule III

[see sub-regulation 2.1.18]

[GTA for Contract and Common Carrier Capacity of Natural Gas Pipelines (Attached Separately)]

Schedule IV

[see sub-regulation 2.1.27 & 11.2]

[Operating Code for GTA for Contract and Common Carrier Capacity of Natural Gas Pipelines (Attached Separately)]

Schedule V

[see sub-regulation 13.10.4]

A. Format for providing the information of imbalance and overrun charges

a. Format for proving quarterly information:

Information for the Quarter ... of Financial Year 20...-20...

Name of Natural Gas Pipeline:				
	Name of Shipper	Invoiced Amount	Amount Outstanding	Amount Received
Month 1	Shipper 1	-	-	-
	Shipper 2	-	-	-
	Shipper 3	-	-	-
Month 2	Shipper 1	-	-	-
	Shipper 2	-	-	-
	Shipper 3	-	-	-
Month 3	Shipper 1	-	-	-
	Shipper 2	-	-	-
	Shipper 3	-	-	-
TOTAL		-	-	-
Taxes and levies (part of invoice, to be deposited with statutory authorities)		-	-	-
Amount transferred to escrow account				-

B. Format for providing annual information:

Information for the Financial Year 20...-20...

Name of Natural Gas Pipeline:			
Quarter	Invoiced Amount	Amount Outstanding	Amount Received
Quarter 1	-	-	-
Quarter 2	-	-	-
Quarter 3	-	-	-
Quarter 4	-	-	-
Total	-	-	-
Taxes and levies (part of invoice, to be deposited with statutory authorities)	-	-	-
Amount transferred to escrow account			-

Schedule VI - Application Form-Shipper

[see sub-regulation 10.1.1]

Date of Application: ___ / ___ / _____

1. Name of the Applicant (Shipper): _____

2. Registered Address: _____

3. City: _____ State: _____

4. Telephone No: _____

5. Email Id: _____

6. Type of Contract: _____

Type: Term ahead/Day ahead; Intra Day; Quarterly; Monthly; Weekly

7. Name of Pipeline(s) for transportation of gas:

8. Details of Entry point, Exit point and Gas volumes:

<i>(insert Entry Point)</i>	<i>Insert Gas Volume (MDQ)</i>
<i>(insert Exit Point)</i>	<i>Insert Gas Volume (MDQ)</i>

9. Acceptable Pressure Range

Entry Point	<i>(insert Acceptable Pressure Range for the Entry Point)</i>
Exit Point	<i>(insert Acceptable Pressure Range for the Exit Point)</i>

10. Capacity Booking Period (DD/MM/YYYY) and Time (Hours):

From: _____ To: _____

11. Gross Calorific Value of Gas (Kcal / SCM):
