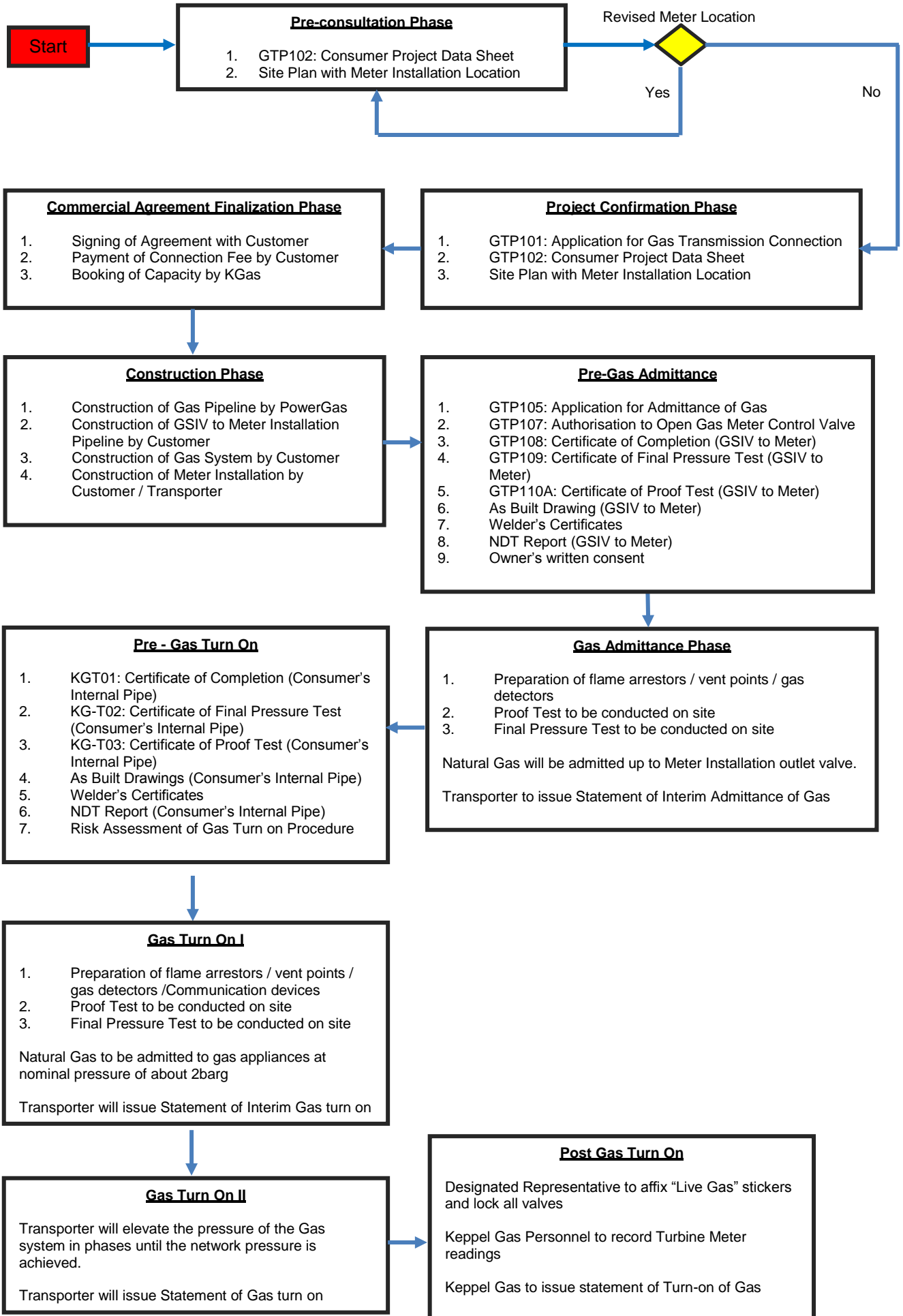


Transmission Connection Forms

Form No.	Description
GTP101	Application for Gas Transmission Connection
GTP102	Consumer Project Data Sheet
GTP105	Application for Admittance of Gas
GTP107	Authorization to open Gas Meter Control Valve
GTP108	Certification of Completion (GSIV to Meter)
GTP109	Certification of Final Pressure Test (GSIV to Meter)
GTP110	Certification of Proof Test (GSIV to Meter)
KG-T01	Certificate of Completion (Consumer's Internal Pipe)
KG-T02	Certificate of Final Pressure Test (Consumer's Internal Pipe)
KG-T03	Certificate of Proof Test (Consumer's Internal Pipe)
KG-T04	Initial Turbine Meter Records
KG-T05	Statement of Turn on of Gas
KG-T06	Notification of Gas Supply Isolation / Termination

Transmission Connection Flowchart



APPLICATION FOR GAS TRANSMISSION CONNECTION

To: PowerGas Ltd
c/o HOS (Gas Network Planning)
SP PowerGrid Ltd

Through Shipper	
_____	<u>Keppel Gas Pte Ltd</u>
Signature of Shipper Representative	Name of Shipper
Name / Designation	

GAS CONNECTION TO:

(Project Name)

(Address of Gas Fitting)

I would like to apply for connection to the PowerGas' gas transmission pipeline network for the above project.

I hereby submit the following documents and certify that the information provided is correct:

- Consumer Project Data Sheet
- Location / site plan showing the project site and the proposed connection point
- Location of Meter Installation where applicable.

Name of Applicant: _____

Designation: _____

Company: _____

Signature / Date: _____

** Delete where applicable*

Consumer Project Data Sheet

Consumer Information			
Project Name:			
Address of Gas Fitting :			
Consumption Information			
Application of Gas	Genco / Co-Gen / Tri-Gen / Boiler / Cooking / Water Heating / Others * If Others, please specify: _____	Issued with Generator Licence?	Yes / No*
Gas Consumption Duration Per Day	8 / 12 / 24* hours or specify: _____		
Expected Gas Admittance Date (DD/MM/YY)			
Gas Usage	If gas supply is meant for interim use (less than 5 yrs), please specify duration of gas usage in years: _____		
Delivery Pressure and Flowrate			
Injection Point (location)			
Offtake Point (location)			
Meter Installation by Transporter?	Yes / No *		
Load Profile / Pipeline Capacity Required	Year 1	mmBtu / hr	
	Year 2	mmBtu / hr	
	Year 3	mmBtu / hr	
	Year 4	mmBtu / hr	
	Year 5	mmBtu / hr	
Maximum Daily Quantity	BBtud		
Meter Sizing Parameters	Max Flowrate	BBtu / hr	
	Min Flowrate	BBtu / hr	
Minimum Pressure required at Gas Service Isolation Valve (GSIV)	Barg		
Design Pressure of User's gas facility:	Barg		
Submitted by Applicant		Confirmation by Shipper	
Name of Company:		Name of Shipper:	
Name of Officer:		Name of Officer:	
Designation:		Designation:	
Date:		Date:	
Signature:		I agree with the above information provided by the applicant. Signature:	

Note: The above is for information purposes only. PowerGas may not be able to nor is obliged to fulfill any of the above requirements.

* Delete where applicable

APPLICATION FOR ADMITTANCE OF GAS

PowerGas Ltd
c/o HOS (Gas Transmission Projects)
SP PowerGrid Ltd

Through Shipper

Signature of Shipper Representative
Name / Designation

Keppel Gas Pte Ltd
Name of Shipper

(Name of Project)

(Address of Gas Fitting)

(A) I, the Designated Representative (DR) of the above project, certify that the Gas Fitting from, but excluding, the GSIV up to, [and including / but excluding] *, the Meter Installation, has been,

- Designed and constructed in accordance with the requirements of the relevant Legislations, Regulations, Codes and Practice. A copy of the "Certificate of Completion" (Form GTP108) is attached;
- Successfully tested and passed the final pressure test and that it is leak free. A copy of the "Certificate of Final Pressure Test" (Form GTP109) is attached;
- Capped / blanked / plugged off at end points

I certify that the Consumer's Internal Pipe is not connected to and is physically separated from the outlet of the Meter Installation.

I further certify that the Gas Fitting from, but excluding, the GSIV up to, [and including / but excluding]* the Meter Installation is ready to receive gas.

I undertake to conduct the necessary proof test on the Gas Fitting from, but excluding, the GSIV up to, [and including / but excluding] *, the Meter Installation and submit the "Certificate of Proof Test" (Form GTP110) immediately prior to the connection and gas admittance.

Signature and Stamp of PE/Date

Name: _____

PE No.: _____

(B) I hereby request for admittance of gas to the Gas Installation / Gas Fitting up to, [and including / but excluding]* the Meter installation outlet on _____.

Signature of Applicant / Date

Name: _____

Designation: _____

To the Shipper:

This is to confirm gas admittance shall be carried out on _____. Please notify all relevant personnel to be present on site.

SPPG Officer-in-charge

* Delete where applicable

AUTHORISATION TO OPEN GAS METER CONTROL VALVE

Date: _____

PowerGas Ltd
c/o HOS (Gas Transmission Projects)
SP PowerGrid Ltd

(Project Name)

(Address of Gas Installation)

I, Consumer / PE * of the above project hereby authorise PowerGas to open the Gas Meter Control Valve on my behalf now on _____ (date) at _____ (time) for the purpose of gas turn on.

Signature of Consumer / PE

Name: _____

Designation: _____

** Delete where applicable*

CERTIFICATE OF COMPLETION

PowerGas Ltd
c/o HOS (Gas Transmission Projects)
SP PowerGrid Ltd

Through Shipper

Signature of Shipper Representative
Name / Designation

Keppel Gas Pte Ltd
Name of Shipper

(Name of Project)

(Address of Gas Fitting)

I, the Designated Representative of the above project, hereby certify that the Gas Fitting for the above project, from, but excluding, the GSIV up to [and including / but excluding]* the Meter Installation have been designed and all gas service works have been carried out in compliance with the requirements of the latest revision of the following:

- Gas Act (Cap 116A);
- Gas (Supply) Regulations 2008;
- Gas (Metering) Regulations 2008;
- Gas Supply Code;
- Gas Metering Code;
- Singapore Standard SS 608 – Code of Practice for Gas Installation;
- Other applicable code / standard: _____
- All relevant acts, regulations and rules which are applicable to the gas installation;
- All statutory and relevant codes which are applicable to the gas installation;
- All statutory requirements in government laws and relevant regulations of government departments.

2. I further certify that the design pressure of the above Gas Fitting is _____ Barg.

Signature and Stamp of PE /Date

Name: _____
PE No.: _____

*Delete where applicable

CERTIFICATE OF FINAL PRESSURE TEST

PowerGas Ltd
c/o HOS (Gas Transmission Projects)
SP PowerGrid Ltd

Through Shipper

Signature of Shipper Representative
Name / Designation

Keppel Gas Pte Ltd
Name of Shipper

(Name of Project)

(Address of Gas Fitting)

I, the Designated Representative of the above project, hereby certify that the Gas Fitting from, but excluding, the GSIV up to, [and including / but excluding]*, the Meter Installation, has been successfully tested at _____ (Barg) for _____ (hrs) and passed the final pressure test on _____ (date) in accordance to the requirements of:

Note: Please tick where applicable

- Singapore Standard, SS 608 - Code of Practice for Gas Installation; or
- Other applicable code / standard :

2. I hereby declare that the Maximum Allowable Operating Pressure (MAOP) is _____ (Barg).

Signature and Stamp of PE / Date

Name: _____

PE No.: _____

* Delete where applicable

CERTIFICATE OF PROOF TEST

PowerGas Ltd
c/o HOS (Gas Transmission Projects)
SP PowerGrid Ltd

Through Shipper

Signature of Shipper
Name / Designation

Keppel Gas Pte Ltd
Name of Shipper

(Name of Project)

(Address of Gas Fitting)

I, Designated Representative of the above project, hereby certify that the Gas Fitting for the above project from, but excluding, the GSIV up to, [but excluding / and including] *, the Meter Installation have been successfully proof tested and passed the proof test¹ on _____
_____(date).

2 I further certify that the test pressure has been released and the said Gas Fitting is currently at atmospheric pressure. Accordingly, I hereby request to proceed with the connection and gas admittance.

3 I shall undertake and proceed to purge and commission the Gas Fitting from, but excluding, the GSIV up to [and including / but excluding] *, the Meter Installation after the gas admittance.

Signature and Stamp of PE / Date

Name: _____

PE No.: _____

1. Proof test shall be conducted in accordance to the requirements of SS 608 or CP 51 where applicable for installation designed to operate up to 50kPa and 20 KPa respectively. Otherwise, proof test shall be carried out at 100 kPa or the operating pressure, whichever is lower, for a period of 30mins.

REQUEST FOR INTERIM ADMITTANCE OF GAS

I, Designated Representative of the above project, hereby certify that the Gas Installation for the above project from, but excluding, the GSIV up to [and including / but excluding]* the Meter Installation have been prepared and is ready for purging and commissioning. Please proceed to admit gas for the purpose of purging and commissioning.

Signature and Stamp of PE / Date

Name: _____

PE No.: _____

* Delete where applicable

GSIV to Meter
GTP110
(0418)

**Certificate of Completion
(Consumer's Internal Pipe)**

Date: _____

To: Keppel Gas Pte Ltd
1, Harbourfront Avenue,
#05 – 05, Keppel Bay Tower
Singapore 098632

Reference: _____

(Project Name)

(Address of Premises / Development)

1. I, the Designated Representative of the above project, hereby certify that the Consumer's Internal Pipe for the above project, from and including the Meter Installation to, the appliances / equipment have been designed and all gas service works have been carried out in compliance with requirements of the latest revision of the following:

- Gas Act (Cap 116A);
- Gas (Supply) Regulations;
- Gas (Metering) Regulations;
- Gas Supply Code;
- Gas Metering Code;
- Singapore Standard, SS 608 – Code of Practice for Gas Installation
- Other relevant code / standard: Please state:

- All relevant acts, regulations and rules which are applicable to the gas installation;
- All statutory and relevant codes which are applicable to the gas installation;
- All statutory requirements in government laws and relevant regulations of government departments.

2. I further certify that the design pressure of the above Consumer's Internal Pipe is
Barg.

Signature / Date:

Name:

Stamp of PE

PE No.:

** Delete where applicable*

KGAS-T01
(03/17)

**Certificate of Final Pressure Test
(Consumer's Internal Pipe)**

Date: _____

To: Keppel Gas Pte Ltd
1, Harbourfront Avenue,
#05 – 05, Keppel Bay Tower
Singapore 098632

Reference: _____

(Project Name)

(Address of Premises / Development)

1. I, the Designated Representative of the above project, hereby certify that the Consumer's Internal Pipe for the above project, from the Meter Installation to, but excluding, the appliances / equipment* has been successfully tested at _____ (Barg) for _____ (hrs) and passed the final pressure test on _____ (date) in accordance to the requirements of the following relevant code / standards:

(a) _____

(b) _____

(c) _____

(d) _____

2. I hereby declare that the Maximum Allowable Operating Pressure (MAOP) and the Design Pressure of the above Gas Installation is _____ (Barg) and _____ (Barg) respectively.

Signature / Date:

Name:

Stamp of PE

PE No.:

* Delete where applicable

KGAS-T02
(03/17)

**Certificate of Proof Test
(Consumer's Internal Pipe)**

Date: _____

To: Keppel Gas Pte Ltd
1, Harbourfront Avenue,
#05 – 05, Keppel Bay Tower
Singapore 098632

Reference: _____

(Project Name)

(Address of Premises / Development)

I, Designated Representative of the above project, hereby certify that the Consumer's Internal Pipe for the above project, from [and including / but excluding]*, the Meter Installation to, but excluding, the appliances / equipment has been tested and successfully passed the proof test¹ on _____ (date).

I further certify that the test pressure has been released and the said Consumer's Internal Pipe is currently at atmospheric pressure. Accordingly, I hereby request to proceed with the connection and gas turn on.

I shall undertake to purge and commission the Gas Fitting from, but excluding, the Meter Installation up to, but excluding, the appliances / equipment immediately after the gas turn on.

Signature / Date:

Name:

Stamp of PE

PE No.:

2. *Proof test shall be carried out at the lower of (1) 100 kPa and (2) the operating pressure for a period of 30mins.*

REQUEST FOR GAS TURN ON

I Designated Representative of the above project, hereby certify that the Consumer's Internal Pipe for the above project from the Meter Installation outlet to the appliance / equipment has been prepared and is ready for purging and commissioning. Please proceed to turn on gas for the purpose of purging and commissioning.

Signature / Date:

Name:

Stamp of PE

PE No.:

* Delete where applicable

INITIAL TURBINE METER RECORDS

Date: _____

To: _____

Reference: _____

RE: Verification of Pay Meter Reading

We confirm that the Turbine Meter readings at the commencement of the operation are as follow:

Date taken: _____

Time: _____

Meter Serial No.: _____

Tag No.: FT -

	Readings
Mechanical Counter	
Uncorrected Volume	
Corrected Volume	
Remarks:	

Company Name: _____

Facilities Location: _____

24 hr Contact No. for Emergency: _____

Contact Person: _____

Witnessed By:

Gas Customer Rep Name / Signature: _____

Designation: _____

Date: _____

Keppel Gas Rep Name / Signature: _____

Designation: _____

Date: _____

STATEMENT OF TURN-ON OF GAS

Date: _____

To: _____

Reference: _____

Dear Sir

STATEMENT OF TURN-ON OF GAS

This is to inform you that in response to your application for turn-on of gas to your premises at

Hence we agree to turn on the natural gas supply on _____ (date) at _____ (time) at the nominal pressure of _____ Bar/Psi* gauge into the gas installation of the above mentioned premises.

(Note: All the gas installation, inclusive of all pipeworks will need to be hydro/pressure tested successfully and signed out by PE prior to gas turn –on)

Kindly notify all relevant parties that gas has been turned on to the above premises and not to tamper with the gas installation. No further work on the above mentioned premises should be undertaken without our prior written consent.

Signature of Keppel Gas Project Coordinator In Charge.

Name:

Phone No.:

*Note: * Delete where applicable*

Dear Sir,

I acknowledge that gas had been turned on to the gas installation of the above mentioned premises on _____ (date) at _____ (time).

I will inform all relevant parties that gas has been turned on to the above premises and not to tamper with the gas installation. Kindly notify Keppel Gas if there is a need to carry out any modification to the gas installation thereafter

Signature of Applicant or his Designated Representative

Name : _____

NRIC No. / Passport No. : _____

Designation : _____

Contact No. : _____

Date : _____

Copy given to: Name / Company / Signature

(Please tick appropriate box)

- Owner
- Main Contractor
- Consultant

NOTIFICATION OF GAS SUPPLY ISOLATION / TERMINATION

Date: _____

To: _____

Reference: _____

Dear Sir

NOTIFICATION OF GAS SUPPLY ISOLATION / TERMINATION *

This is to inform you that in response to your application for the isolation / termination *of gas supply to your premises at

_____.
We have successfully isolated / terminate * the natural gas supply on _____ (date) at _____ (time). Kindly notify all relevant parties that gas supply to the above premises have been isolated / terminated *.

Name / Signature of Keppel Gas Project Coordinator In Charge.
Phone No.:

Dear Sir,

I acknowledge that gas supply to the above mentioned premises have been isolated / terminated * on _____ (date) at _____ (time).

I will inform all relevant parties that gas supply has been isolated / terminated * to the above premises.

Signature of Applicant or his Designated Representative

Name / Designation : _____
NRIC No. / Passport No. : _____
Contact No. : _____
Date : _____

*Note: * Delete where applicable*

Copy given to: _____
(Please tick appropriate box) Name / Company / Signature

- Owner
- Transporter
- Main Contractor
- Others