



NOTICE OF NTS CONNECTION APPLICATION REQUESTING NON-STANDARD GAS QUALITY

Ref: Connection 1 / Notice 1

[Date]

In accordance with UNC TPD V13.1.3.(d) this is a notice to inform industry that an application for connection to the NTS (National Transmission System) has been received which has requested a non-standard Gas quality specification as detailed below. This is a specification outside of our published and routinely accepted range.

Notice details:

Item	Description/Notes	Details – [Format]
Application competent date	Deemed competent by NG in accordance with UNC TPDV.13	[DD/MM/YY]
Application timeline	3/6/9 months	[x months]
Location	Entry Zone/feeder	[x Zone / Feeder No. x]
Requested Gas Quality	Parameter - O2 or CO2	[Oxygen/Carbon Dioxide]
	Limit/range requested	[x% mol]
Estimated flow volume (mcm/d)	Expected max flow	[x mcm/d]
Requested connection date	Customers expected date of connection	[DD/MM/YY]
Initial RAG status	Initial view of likelihood to accept –	[Green/Amber/Red]
Next Steps	The next stage in the assessment of the request	Assessment analysis

A further communication will be issued when analysis is completed aligned with the application timeline.

Our NTS gas quality specification (“Gas Entry Conditions”) can be found within Schedule 3 of the Network Entry Agreement published here: [Connections Document Library | National Gas](#)

In case of query please contact: [.box]



NOTICE OF NTS CONNECTION APPLICATION REQUESTING NON-STANDARD GAS QUALITY

Ref: connection 1/ Notice 2

[Date]

In accordance with UNC TPD V13.4.2 this is a notice to inform industry regarding an application for connection to the NTS has been received which has requested a non-standard Gas quality specification as detailed below. This is a specification outside of our published and routinely accepted range. We have now assessed this, and this notice includes the results of this assessment.

Notice details:

Item	Description/Notes	Details – [Format]
Application competent date	Deemed competent by NG in accordance with UNC V.13	[DD/MM/YY]
Application timeline	3/6/9 months	[6 months]
Location	Zone/feeder	[x Zone / Feeder No. x
Requested Gas Quality	Parameter – O2 or CO2	[Oxygen/ Carbon Dioxide]
	Limit/range requested	[x% mol]
Estimated flow volume (mcm/d)	Expected max flow	[X mcm/d]
Requested connection date	Customers expected date of connection	[DD/MM/YY]
Initial RAG status	High level view of likelihood to accept	[Green/Amber/Red]
Analysis Conclusion	Our analysis has concluded that this is acceptable/unacceptable/an alternative will be offered of x	[Acceptable/unacceptable/ Alternative offered of x]
Impacts	Likely impacts/impacted parties contacted	[x site – y site]
Next Steps	Connection process will continue.	Offer to be made

Accompanied with the notice is the Assessment Report showing the result of the risk assessment and likely impacted areas. Any existing connections deemed to be impacted will be contacted directly.

Further communication will be received when the Network Entry Agreement is signed for the proposed project to be connected. Significant milestone changes (including the connection application is withdrawn/terminated) will be tracked on the published summary table available on our website. [Connections Document Library | National Gas](#)

Our NTS gas quality specification (“Gas Entry Conditions”) can be found within Schedule 3 of the Network Entry Agreement published here: [Connections Document Library | National Gas](#)

In case of query please contact: [.box]



Non-Standard Gas Entry Conditions Assessment Report

Template

What the analysis includes:

- ✓ Assessment of historic flows in a single section of pipe extrapolated from prevailing pressures up and down stream.
- ✓ Assessment of where any gas quality element is expected to reach in the NTS and at what percentage, on a typical individual day at various demand levels.
- ✓ Assessment of what blending flows would be required to blend gas to within [GSMR/NTS Spec] limits given assumptions on the blending gas and input flows and gas quality.

Limitations:

- Does not assess all potential network circumstances, i.e., maintenance, different supply patterns etc.
- Is not a forward-looking statistical view i.e. how often gas will get to a location in the future given future predicted supply/demands.
- Cannot guarantee that any situation analysed will always be the case, and that unforeseen or unassessed scenarios may produce different results.

Site reference: Connection 1

Assumptions:

Assumed flow from site: Oxygen/CO2 level from site:	[x mcm/d]
Potential sites impacted:	[x site – type PS/Storage], [Y site – type],
Sensitive site assumptions:	[Power and Storage sites have assumed to be sensitive]
Blending assumption:	[]

Analysis:

Assessment Demand Range: [x mcm/d to y mcm/d]

Sites assessed: [site 1, site 2....]

Summary of analysis: e.g.:

[In total x days’ worth of scenario was ran on a typical D300 demand ~ typical summer day (as expected to be worst case) network. This was chosen as it would demonstrate the greatest impact to the network.]

Results:

Range of penetration in Network: [x to x on feeder x (penetration maps)]

Worst case %: [x %]

Blending flow required: [x mcm/d]

Assessment of Risk of blending flow based on historical flows: [how often would have blended out/or not].

Conclusion: [This is acceptable/Not acceptable/acceptable at alternative x limit]

Reasoning: [The analysis showed that there was x impact on the network, with the initial surge being marginal. The data also showed that the blending is well within/outside of GSMR and operational guidelines.]



NON-STANDARD GAS QUALITY APPLICATIONS - Summary information

The below table shows a collation of Connection applications with non-standard Gas Entry Condition requests. This information will be updated [6 monthly] and published to industry [in accordance with UNC TPD 13.7.3 (d)]

Updates since the last revision are show in [blue text](#).

Revision No: [] Date updated: [dd/mm/yy]

Next update due: [dd/mm/yy]

Connect ref no.	Notices issued/Date of last	Request	Located	Est. Flow (mcm/d)	Requested connect date	Initial RAG*	Analysis result	Status**
1	No./dd/mm/yy	[Oxygen 1%]	[Zone x Feeder y]	[0.2]	[dd/mm/yy]	[Green/Amber/red]	Accept	[see note 5 below]
2								
3								

Notes

1. Will be updated to reflect any change to data previously published at least every 6 months
2. The Connection ref. no will also be updated with a site name when the site name is publicly available at the point a new NTS point is consulted upon/notified.
3. Live connected sites will be moved to an “archive” Table and the data will remain available.
4. *RAG is based on a heat map of NTS giving an initial indication of likelihood of acceptance.
5. ** Status will be: Requested/Offered/under construction/withdrawn/Live