## Access to Breagh Infrastructure

The Breagh field is tied back to a normally unmanned installation (NUI) on the western area of the field. The Breagh A offshore platform transports the produced fluids through the Breagh 20” export pipeline to the onshore Teesside Gas Processing Plant (TGPP), for process treatment, fiscal metering and sale. A second phase of Breagh development is planned.

Operator: INEOS UK SNS Limited

Working Interest: 70.00%

**Entry Specification**

|  |  |
| --- | --- |
| Gross Calorific Value (Min/max) | 37.5 / 42.3 MJ/m3 |
| Oxygen (Max) | 9 ppm |
| Carbon Dioxide (Max) | 2.8% mol |
| Hydrogen Sulphide (Max) | 3 ppm |
| Total Sulphur (Max) | 14.4 ppm |
| Wobbe Index | 47.5 / 51.2 MJ/m3 |

**Exit Specification**

Gas redelivered to meet National Grid transmission inlet specification at TGPP, with a discharge pressure of 70barg

**Primary Separation Processing Facilities**

There are no on-board separation facilities at Breagh A. Separation is provided at the TGPP terminal. Compression may be provided at the terminal or offshore in the future. Liquid handling at TGPP is provided by a slug catcher with a 5,000 bbls capacity. Condensate and MEG separation/dedicated MEG regeneration facilities are provided, prior to gas export to NGT.

**Gas Treatment Facilities**

Gas treatment facilities at TGPP enable gas conditioning to NTS export specification. This is achieved using ‎the following; gas-gas interchange, propane refrigeration, and Joule-Thomson expansion cooling. These are used in combination to reduce the temperature of the gas sufficiently for the heavier hydrocarbons and water to coalesce and be separated out in the Dew Point Separator.

**Capacity Information**

Available capacities >25% 5% to 25% <5%

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Breagh A Platform Facility** | 2019 | 2020 | 2021 | 2022 | 2023 | Comments |
| Export system capacity  225MMscf/d\*  \*The system is designed for 400MMscf/d to cater for future 3rd party tie-ins |  |  |  |  |  | Basis of Design profiles. |

**Contact Information**

For further information please contact:

**Rob Johnson**

**Commercial Manager**

Tel: +44 20 3935 5255

Email: rob.johnson@ineos.com

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