

# Hope Gas

## COMPRESSION REQUIREMENTS

Dated: September 1, 2022

### I. GENERAL REQUIREMENTS

The following requirements apply to all meter locations with compression on Hope Gas Inc. ("HGI") system. These requirements shall also apply to compression previously agreed to by Hope Gas Inc. ("HGI") predecessor, Dominion Gathering and Processing, Inc's ("DGP").

1. Operator must obtain advance written approval from HGI prior to installing new compression on meters entering HGI's system. These requirements shall also apply to compression previously agreed to by HGI's predecessor and shall include only those meter locations previously approved.
2. Prior to turning on any newly installed or modified compression facilities, Operator must have the facilities inspected by HGI and receive HGI's written approval that the facilities meet all the operational requirements provided for herein. An Operator Compressor Check List setting forth the operational requirements for the compression facilities shall be posted on HGI's EBB and shall be provided to Operator.
3. Operator agrees that new compressors shall not be installed within 100 feet of a measurement facility. For existing compressors within 100 feet of a measurement facility, Operator agrees to relocate the compressor if HGI determines that an unsafe condition exists or measurement accuracy, measurement equipment or pipeline operations are adversely affected and cannot be remedied by Operator.
4. Unless otherwise agreed to in writing by HGI, new compression facilities approved for installation shall be in place and operable no later than 180 days from the date of approval by HGI. Should Operator need additional time to complete installation of the compression facilities, Operator must submit a written request and receive approval from HGI prior to the 180-day deadline.
5. Before modifying or replacing a compressor, or any associated appurtenances, including but not limited to oxygen sensors, regulators, relief valves, and high or low pressure shut down devices, Operator must receive HGI's consent which shall not be unreasonably withheld or delayed. Requests for HGI's consent shall be submitted in writing and set forth in detail the precise changes planned. Operator may not turn the production into line until HGI has performed a complete inspection of Operator's facility and issued its approval.

### II. REQUIRED FACILITIES

Operator shall at its own expense, install, operate, repair, and maintain the following facilities in accordance with HGI's specifications, sound and prudent natural gas industry practice and all applicable laws, rules, regulations, permits and licenses:

1. An over pressure shutdown device set at pressure prescribed by HGI.
2. A relief valve downstream of over-pressure protection and upstream of measurement with a capacity equal to discharge volume.
3. A separator or filter to remove water, lubrication oil droplets, condensates, and mist downstream of the natural gas compressor. If HGI reasonably determines that the separator or filter is not performing sufficiently, Operator agrees to upgrade the existing filter or install a second filter to assure the required efficiency of such equipment, which will remove 100% of droplets 8 micron and larger, and 99½ % of droplets ½ micron and larger.

4. A positive shut off drip must be at least 25 feet from the measurement facility unless previously agreed otherwise.
5. A low pressure shut down device on the suction side of the compressor.
6. An Oxygen Sensor on the discharge side of the compressor. The Oxygen Sensor must be manufactured by a HGI approved entity (AMI, Teledyne, or Advanced Instruments), installed, calibrated, and operated per the manufacturer's specifications and set according to limits specified by HGI. An Oxygen Sensor must be equipped with automatic shutdown of the compressor should oxygen limits exceed HGI's specifications.
7. A HGI approved chart recorder, corrector, or flow computer that records gas temperature and other volumetric data must be in one device, unless previously agreed otherwise.
8. Equipment necessary to limit gas temperatures to 120 degrees Fahrenheit at HGI's measurement point.

### **III. OPERATION OF FACILITIES**

1. HGI may impose volume limits at applicable meters provided as part of the original approval; provided however, HGI shall have the right, after providing notice to Operator, to adjust the quantity of gas volumes to a specified level based on historical production levels and current operating conditions.
2. HGI does not guarantee or represent that it will accept any certain quantity of gas. Operator's gas shall feed against HGI's line pressure at less than the pressure setting of the overpressure shutdown device as prescribed by HGI.
3. Operator shall maintain a pressure of no less than 4 psig at all times on the suction side of the compressor.
4. If HGI determines by conducting a square root error (SRE) test that measurement of the compressed gas received by HGI is being affected by pulsation more than plus or minus 0.25 percent, Operator shall install, at its expense, pulsation dampening devices as necessary to reduce the pulsation effect on measurement below plus or minus 0.25 percent. Where unacceptable compressor-induced pulsation is detected, HGI will notify Operator in writing that appropriate pulsation dampening devices must be installed at Operator's expense, and Operator shall promptly install such required devices within forty-five (45) days.
5. HGI shall have the sole right to remove all HGI owned measuring stations behind the compressor; provided, however, HGI shall give Operator the 30-day option to purchase such stations at a price mutually agreed to by the Parties.
6. HGI shall have the right to perform maintenance, repairs, replacements, operational changes, or relocations which are reasonably necessary in order to maintain the integrity, safety, and efficient operation of HGI's pipelines, compressor stations, measuring stations and associated system facilities, which may impact Operator's operations.
7. HGI may at any time inspect, test, or secure samples at Operator's facilities.
8. Operator shall have an annual inspection performed by a HGI approved testing company on the compressor and will promptly provide inspection results to HGI. A list of testing companies authorized by HGI to perform the annual compressor inspection for the Operator shall be posted on HGI's EBB. Inspections shall include, but are not limited to, checking, and adjusting the set points on the low and high pressure shut-downs, discharge relief valve, and oxygen sensor, including shutdown of compressor. HGI will provide a compressor checklist form and monitor compliance. HGI may require a more frequent inspection if conditions warrant.
9. Nothing herein shall be construed to authorize the tampering of any HGI facility or equipment at or near Operator's compressor. Any such tampering of HGI's facilities and/or equipment (without HGI's express written consent by an authorized officer) shall be considered a violation of these requirements and will result in the immediate termination.

#### IV. MISCELLANEOUS

1. Operator shall indemnify and hold HGI and its parents, subsidiaries, related companies, employees, representatives, and agents, harmless from all suits, judgments, claims, actions, debts, levies, accounts, damages, costs, losses expense and liability, including reasonable attorney's fees, arising from or out of, in any manner whatsoever, the installation and operation of the compression installed by Operator or third parties performing Operator's obligations hereunder, unless such damages were caused by HGI's sole or gross negligence or willful misconduct.
2. If Operator fails to comply with these requirements at any time, HGI may in its sole discretion impose any one or more of the following: a) HGI may require Operator to shut down the compressor until Operator corrects the non-compliance situation to HGI's commercially reasonable satisfaction. In the event Operator fails to promptly correct the situation, Operator grants HGI the authority to correct the situation (including reasonable access to Operator's site and facilities) and agrees that Operator will reimburse HGI all the associated costs, including appropriate overhead; b) HGI may require Operator to shut down the compressor for an additional period of time and/or permanently.
3. Operator is required to notify HGI of any changes to the responsible parties or contact information for any measurement facilities with compression in writing (via US mail or email) paper mail at the address listed below:

Hope Gas Inc.  
48 Columbia Blvd.  
Clarksburg, WV 26301  
Attn: Lonnie Flanagan  
[Lonnie A Flanagan@dominionenergy.com](mailto:Lonnie.A.Flanagan@dominionenergy.com)