



Vendor Certification Exam – Pipeline Shapefile Submission

(Version 10.8.2025)

NOTE: The Guide to Shapefile Submissions may be used to provide answers.

1. What coordinate systems are allowed?
2. Which federal and state rules apply?
3. Can shapefile names include special characters or spaces?
4. What does P5_NUM represent, and what is the maximum character limit?
5. True or False. The data type for all the required attribute fields are Text.
6. True or False. Lower case characters are allowed.
7. True or False. Always use Outside Diameter unless DIAMETER > 12 inches, then use Nominal Pipe Size.
8. What values are acceptable for the INTERSTATE field, and what does each value represent?
9. If TX_REG = Y, what is the allowable value for SYS_ID if a number has not yet been assigned?
10. What should the value of STATUS_CD be if a pipeline is abandoned?
11. What does T4_AMD represent, and what does the NP code stand for?
12. When is the USA field required, and what does it represent?
13. What does COMMODITY1 = NGG represent?
14. Name the seven additional fields that must be included if COMMODITY1 = NGG.
15. If COMMODITY1 = NGG and STATUS_CD = B, what value is allowed for SMYS?
16. If COMMODITY1 = NGG and STATUS_CD = I, what is the allowable range for MAOP_PSIG?
17. If PL_MAT_MTL = Y, STATUS_CD = I, SMYS ≥ 20, and LOC_DES = 3, what should the PL_TYPE value be?
18. What are the allowable values for AREA_2A and AREA_2B if AREA_2C = Y?
19. What is the formula to calculate SMYS?
20. Provide a shapefile prepared by the vendor in accordance with the Guide to Shapefile Submissions. In practice, liquid and gas pipelines should never be under the same shapefile. However, for testing purposes, please submit one shapefile that includes at least three records using the conditions listed below. Sample shapefiles from the RRC website cannot be used.
 - a. COMMODITY1 = NGG and PL_TYPE = C
 - b. COMMODITY1 = NGT and T4_AMD = BP or DP
 - c. COMMODITY1 = CRO