



March 19, 2019

Dear Mr. Williams,

Thank you for reaching out regarding the proposed Hydrogen tank and dispensing system placement at the Sandia facility at Oliktok Point, AK.

As we discussed, the proposed storage location for the tank and associated components must meet the classification requirements for a Class 1, Division 2 environment per Section 4.1.3.2 of NFPA 497. This section requires C1-D2 classification for locations in which flammable gases are handled, processed or used in closed systems or closed containers from which they can only escape in case of accidental rupture or breakdown of such containers or in case of abnormal operation of equipment.

I believe that this situation closely corresponds with the proposed conditions at Alaska and therefore the code section is applicable. The environment therefore must be classified as Class 1, Division 2 and it must adhere to all requirements assigned to such classified locations.

Please feel free to contact me with any questions.

Best Regards,

Mo Mosallaei, P.E., CBO

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