

1.0 PURPOSE

To provide an interpretation of Part 36.27(a) Fuel Tank.

2.0 SCOPE

This policy covers the requirements for fuel tank seams.

3.0 REFERENCES

3.1. Part 36.27(a) of 30 CFR

4.0 DEFINITIONS

There are no unusual terms in this document that need to be defined.

5.0 POLICY

5.1. Any seam of the fuel tank that is wetted by the fuel during normal operation of the vehicle must be welded. The use of crimped type seams or flanged and bolted seams in those areas is precluded. Flange and bolted seams with gaskets can be used for small openings on horizontal surfaces of the tank that are not normally wetted by the fuel. These flanged and bolted seams with gaskets are only to be used for purposes such as access holes, breather attachments, fuel caps, etc., and should not form the entire top of the fuel tank.