



WEBINAR: MEETING KC REQUIREMENTS: DESIGN, APPLICATIONS & PERFORMANCE | 7.29.26

FOLLOW UP QUESTIONS

Q: Is a secondary seal still required with the liquid mounted foam seal?

A: Yes, The HMT Kc Liquid Mounted Seal only adheres to the Subpart Kc compliance relative to the primary seal category. It has no impact on the Secondary Seal, however, a Secondary Seal is still required per API/EPA.

Q: Foam seal systems are often over looked because of the requirement to remove them in order to perform hot work because they absorb vapors/product, and the tank cannot have hot work performed. You mention, that it can be easily assembled. Does this mean you can remove the foam and replace it without extensive work?

A: The intention of the design is to protect the foam core and fabric envelope to prevent the possibility of damage/puncture and thus absorbed product. If this is a critical concern, HMT is able to offer a modular pillow solution (8ft pillows tied together vs one continuous envelope). This modular solution allows for localized repair of the foam/fabric envelope versus the need to remove the entire perimeter on a continuous envelope that has been punctured and fully saturated.

Q: This design comingles a Class C foam log (not allowed) with a Class A shoe seal (southern CA). What classification will this seal have in So. CA.?

A: HMT is currently working with the SCAQMD team to review and qualify the new seal system. We expect an A rating based on past qualifications.

Q: What's the expected life of the product?

A: 20–25 year lifespan is the design principle for all HMT Seals. The HMT KC Liquid Mounted Seal is no different, and based on the low dynamic movement of soft parts in the design, we are confident that this seal system is resilient and durable, helping to extend in-service intervals to better align with your outage needs.



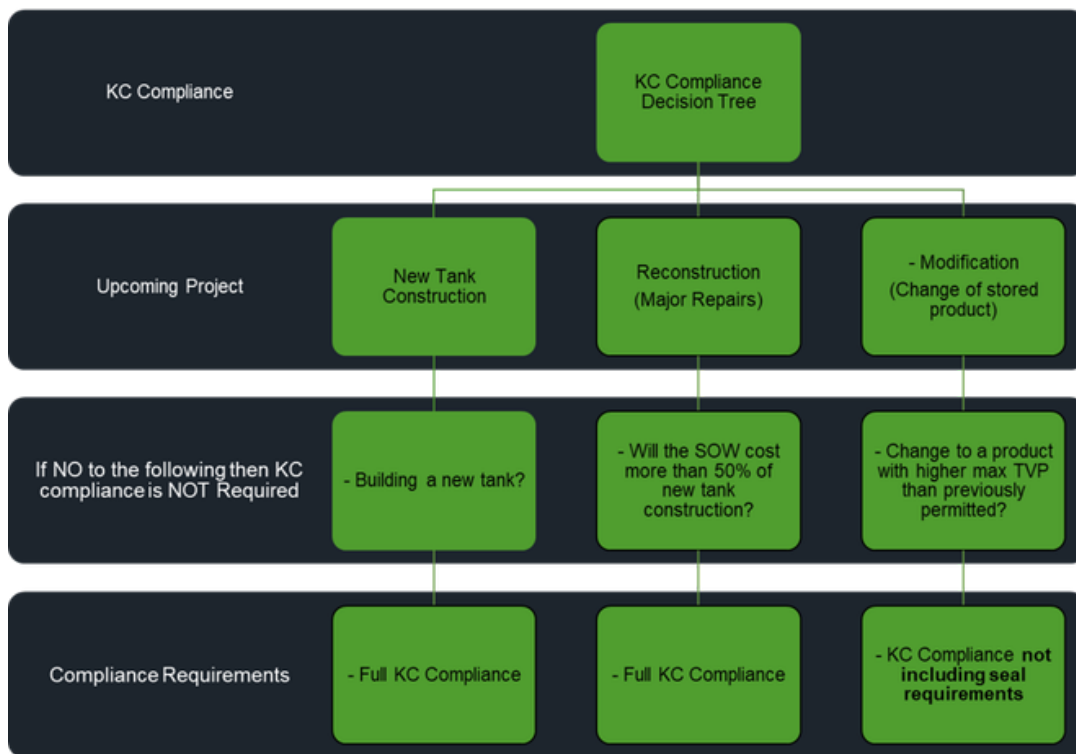
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Q: So all new EFR tanks require a liquid mounted seal?

A: Not all EFR tanks are required to use the liquid mounted seal system.
Please see the decision tree below for the different tank scenarios.

While it is not required for certain newly built EFR tanks, it is a good safeguard and comes with emissions control benefits due to the seal being Liquid Mounted.



Q: There are times when shoe seals need to be trimmed to support mixers and other appurtenances. Can this seal accommodate this requirement?

A: Foam log sits on the product level slightly above the pontoon so no need to modify the foam log, we had to trim the plate for one KC seal already and was no issue.