


Title:	CORE Liner® Status re PHMSA Regulations	 CORE LINEPIPE
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CORE Liner® and Title 49 CFR Part 195 – Transportation of Hazardous Liquids by Pipeline.

CORE Linepipe sales personnel get commonly asked the following two questions for pipeline projects in the United States:

Question 1: When is a CORE Liner® pipeline exempt from the PHMSA regulations?

Question 2: Is CORE Liner® acceptable for use in areas under PHMSA regulations?

I. Question 1: When is a CORE Liner® pipeline exempt from the PHMSA regulations?

CORE Linepipe engineering reviewed the PHMSA regulation Title 49 CFR Part 195 and our understanding is as follows:

- Produced water pipelines are not covered by Title 49 CFR Part 195 regulations, thus can be treated as non-regulated.
- 6” and 8” CORE Liner® in oil effluent or oil emulsion service generally do not fall in Title 49 CFR Part 195 jurisdiction, except if:
 - a. Located in a designated residential or commercial area, **or**
 - b. Located in an inlet of the Gulf of Mexico, **or**
 - c. Meeting both of:
 1. Located in or within a quarter-mile of an usually sensitive drinking water or ecological resource area, **and**
 2. Operating at a pressure above 594 psig for 6” WT 0.188”, or 532 psig for 8” WT 0.220”.


Accordingly, CORE Liner® on-shore liquid pipeline installations are exempt from PHMSA regulation Title 49 CFR Part 195 in the following circumstances:

- Water service: anywhere within a single state.
- Oil emulsion and oil effluent service: within a single state, away from populated areas/inlets of the Gulf of Mexico and up to a pressure of 532 psig.

II. Question 2: Is CORE Liner® acceptable for use in areas under PHMSA jurisdiction?

For areas under the jurisdiction of Title 49 CFR Part 195, the following points are relevant:

- CORE Liner® makes use of Clickweld®, a novel mechanical interference fit joining system.
- Title 49 CFR part 195 does not directly address mechanical interference fit joints.

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- In a 2016 Title 49 CFR Part 195 interpretation, PHMSA briefly mentioned several pre-requisites for the acceptance of a mechanical interference fit joining system.

Accordingly, the use of CORE Liner® in installations under the jurisdiction of PHMSA Title 49 CFR Part 195 is to be evaluated on a case by case basis using the PHMSA special permit process. While the pipeline owner is required to apply for the special permit, CORE Linepipe will actively support the pipeline owner with the required product information or documents. Further information on the PHMSA special permit process can be found using the following link: <https://www.phmsa.dot.gov/approvals-and-permits/hazmat/hazardous-materials-approvals-and-permits-overview>.

III. Summary

The status of CORE Liner® with regards to PHMSA Title 49 CFR Part 195 for the various scenarios can be summarized as follows:

Service	Location	Pressure	Status re Title 49 CFR Part 195	CORE Liner® can be used?
Fresh Water	Any	Any	Exempt	Yes
Produced Water	Any	Any	Exempt	Yes
Oil emulsion and oil effluent	Designated residential or commercial area	Any	Within jurisdiction	Special permit needed
Oil emulsion and oil effluent	Inlet of the Gulf of Mexico	Any	Within jurisdiction	Special permit needed
Oil emulsion and oil effluent	In or within a quarter-mile of an usually sensitive area	> 532 psig	Within jurisdiction	Special permit needed
Oil emulsion and oil effluent	In or within a quarter-mile of an usually sensitive area	<= 532 psig	Exempt	Yes
Oil emulsion and oil effluent	Further than a quarter-mile of an usually sensitive area	Any	Exempt	Yes