



## Grace Huang - Comment

This is a Comment on the **Pipeline and Hazardous Materials Safety Administration (PHMSA)** Other: **Plastic Pipe NPRM**

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### Comment

It is a good choice to replace the steel pipe by the plastic gas pipe. The steel pipe had been installed for many years, so there will be more security issues appear. The use and availability of plastic pipe have changed over the years with technological innovations in the products and best practices used in plastic pipe installations. Progress in the design and manufacture of plastic pipe and components has resulted in materials with higher strength characteristics. Replace plastic pipes will lower the cost budget and the plastic pipe can function as well as the steel pipes.

This proposal clearly addresses all the issues that may limit the replacing of plastic pipes and list several received rulemaking petitions involving plastic pipe. PHMSA proposes to add a new paragraph to require operators to maintain tracking and traceability information records for the life of the pipeline which will solve the traceability and tracking concerns. PHMSA also received petitions from the American Gas Association and the Gas Piping Technology Committee to increase the design factor for PE pipe. And for the most important part of a pipeline, the riser, a vertical pipe that connects buried pipe to an aboveground component, such as a meter. In many cases, the riser is a transitional component that attaches a buried plastic pipe to a metal or a metal-encased plastic pipe, which is connected to a gas meter. While risers are most commonly found connecting service lines to meter sets, risers are also used within distribution mains and transmission systems when entering or exiting small regulator stations or whenever a transition between buried and unburied pipe is necessary. PHMSA proposes specific requirements for the design and construction of risers associated with plastic pipe.

I suggest only when the steel pipe need to repair or replace, we can use the plastic pipes instead. Otherwise, we can still keep the steep pipe. It is the best way to keep the budget. We dont need to replace all the steel pipes. it will be a huge job to be done. It will need a lot of labors and time to do this huge work.

Comment Period Closed

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