



LNG fuel tank program

IAA 2016

SAG Motion - Thierry Schaffner & Christoph Lind

SAG LNG tank



LNG tank program

- An in-house developed LNG tank program,
- With all necessary plumbing components incl. vaporizer,
- Ready to install on a truck.



E4 110R

SAG LNG tank



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- An in-house developed LNG tank program,
- With all necessary plumbing components incl. vaporizer,
- Ready to install on a truck.

LNG tank set-up

- Two cross sections, i.e. 26" US and 28" EU standards,
- Modular design with tank length upon request.



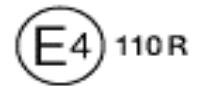
Flexibility in tank length equally to diesel tanks!

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SAG manufacturing set-up

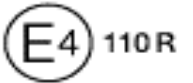
- EU production,
- With high quality automotive standards.

SAG LNG tank



Approved for the market

- Released for the EU market as ECE R110 certified,



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All ECE R110 testing cleared:

- ✓ - Drop Test
- ✓ - Hold Time Test
- ✓ - Bonfire Test



1. Horizontal drop 9.1m



2. 60° drop 3m on same tank



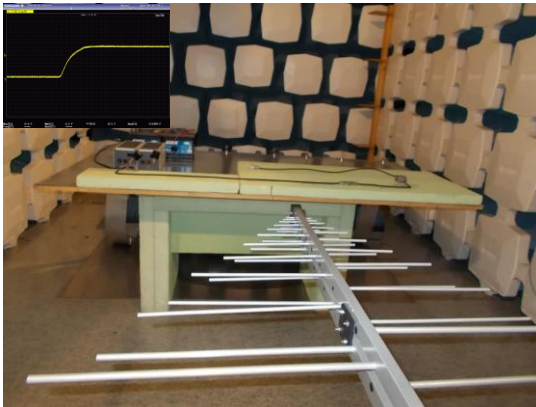
3. Bonfire test

SAG LNG tank

Approved for the market

- Released for the EU market as ECE R110 certified,
- Passing additional non ECE R110 tests,

EMC, ECE R10



Salt spray test

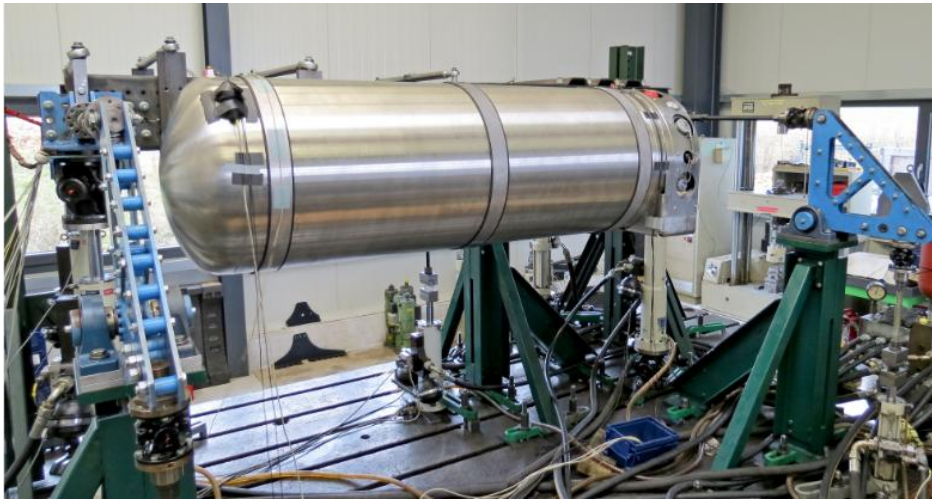


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- Released for the EU market as ECE R110 certified,
- Passing additional non ECE R110 tests,
- Passing our most severe internal endurance tests,



E4 110R

SAG LNG tank



Approved for the market

- Released for the EU market as ECE R110 certified,
- Passing additional non ECE R110 tests,
- Passing our most severe internal endurance tests,
- Shipped to interested parties, both truck-OEMs & fleets, having reached their highest expectations.



LNG

is our competence



- We SAG provide technological solutions for:
- improving the operational efficiency of trucks,
 - contributing to sustainability,
 - by reducing both emissions & fuel costs.

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