



TECHNICAL ADVISORY BOARD (TAB)

ISO/TC 197 **N 1172** 2020-05-15  
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**TAB Recommendation: NWIP from Canada on “Gaseous hydrogen – Fuel system components for hydrogen fueled vehicles”.**

Upon review and discussion of the above NWIP from Canada, ISO/TC 197 Technical Advisory Board (TAB) is of the opinion that the considered NWIP meets the necessary market needs requirements, is in the interest of global stakeholders at large and thus can be approved by the P-members. TAB also is of the opinion that the proposed leadership for this NWIP, Mr. Graham Meadows, Canada, has sufficient qualifications and experience to serve as the convenor / project leader of a new WG for this work item.

TAB also acknowledges the good spirit of cooperation and the productive discussion with the NWIP proponent, which resulted in improved submission documents that addressed all TAB essential comments during the initial review.

**Rationale**

- This standard is required to harmonize the requirements for fuel system components intended for use on hydrogen fueled vehicles worldwide. It will complement the ISO standards that already exist for the on-board vehicle fuel containers, TPRDs and refueling connection devices, and will be harmonized with and complement the UN GTR No. 13.
- The standard is required for the safe global deployment of the hydrogen fueled vehicles using gaseous hydrogen fuel.
- For Europe and other jurisdictions, this new ISO standard can be referenced in upcoming regulations. For example, once the current EU regulation EC 79 is repealed in June 2022, this will leave a big gap since the UN ECE R134 will only cover the components from the UN GTR 13. For the remaining fuel system components, regulations such as ECE R134 can point to this new ISO standard.

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## NWIP on Fuel system components for hydrogen fueled vehicles

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- At the same time, this Standard does not apply to hydrogen gas fuel system components incorporated during the manufacture of motor vehicles originally manufactured in compliance with the international regulations such as UN GTR No. 13 (Global technical regulation on hydrogen and fuel cell vehicles) or UN ECE R134.
- A list of relevant documents in the NWIP now covers the broad spectrum of international regulations and standards that cover successful deployment of gaseous fuel road vehicles globally.

### Remarks

TAB recommends that P-Members name their experts to new WG at the same time as they submit their vote.

Sent out by: J. Lafontaine