



BSI Standards Publication

Hydrogen fuel - Product specification and quality assurance - Proton exchange membrane (PEM) fuel cell applications for road vehicles

National foreword

This British Standard is the UK implementation of EN 17124:2018.

BSI, as a member of CEN, is obliged to publish EN 17124:2018 as a British Standard. However, attention is drawn to the fact that during the development of this European Standard, the UK committee voted against its approval.

The UK committee draws users' attention to the following concerns regarding EN 17124:2018:

- The UK does not have a defined 'prescriptive approach' (Clause 6.2);
- The UK committee is doubtful that it would be possible to ascertain the circumstances behind previous events where contamination of hydrogen has been reported in the industry (due to the often confidential nature of the process behind supplying hydrogen to an HRS dispenser). Therefore it is considered difficult for many potential contaminants to be justified as 'Occurrence class 0' as defined in Table 2, which would make an 'Occurrence class' of at least "1", meaning such contaminants pose an unacceptable risk according to Table 5;
- The UK committee is also of the opinion that there is not currently the capability to have analysis carried out on all of the contaminants in Table 1 to the thresholds detailed in an EN ISO/IEC 17025:2017 accredited manner within the UK, or abroad.

The UK participation in its preparation was entrusted to Technical Committee PVE/18, Cryogenic vessels.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

© The British Standards Institution 2018
Published by BSI Standards Limited 2018

ISBN 978 0 580 97962 0

ICS 27.075; 71.100.20

Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 30 November 2018.

Amendments/corrigenda issued since publication

Date	Text affected
------	---------------