

In the context of the **General Product Safety Regulation (GPSR)**, the user manual plays a crucial role in ensuring the safety of product users. According to the requirements of this directive, manufacturers must provide clear and comprehensible information on how to use products safely. This also applies to LPG components and products related to gas installations, which must be adequately described in user manuals. Below are the detailed aspects of this requirement:

1. User Manual Utilization

Using the user manual is a fundamental requirement for ensuring safety. The manual includes essential information about:

- **Safe installation and operation:** The manual provides guidance on how to correctly install LPG system components to avoid errors that could lead to gas leaks, fires, or other hazards.
- **Maintenance and regular checks:** Instructions on how to regularly inspect the LPG system for leaks, wear, and damage are crucial for ensuring long-term safety.
- **Identifying potential issues:** The manual should contain information on the symptoms of possible malfunctions or problems, such as gas leaks, pressure issues, or reduced system efficiency.

The GPSR directive obligates manufacturers to provide adequate instructions so users are aware of the risks associated with the product and know how to minimize them. In the context of LPG systems, failure to follow the manual's recommendations can lead to serious accidents, making adherence to these instructions essential.

2. Most of Our Products Include User Manuals, If Provided by the Manufacturer

Most LPG component manufacturers include user manuals with their products, provided they offer them in written or electronic form. Compliance with this requirement is important because:

- **Manufacturer information:** Manuals provided by manufacturers contain detailed usage guidelines that comply with safety standards and technical specifications. These instructions

help users avoid errors during installation and operation, reducing the risk of accidents.

- **Legal regulations:** According to the GPSR directive, manufacturers should also explain how users can report complaints or issues with the product. Additionally, information about the warranty and the product's lifespan should be included in the manual.
 - **Formats of manuals:** Manuals may be provided in paper or electronic formats (e.g., on the manufacturer's website or in mobile applications), which is particularly convenient and accessible for products used in vehicles.
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3. Compliance with GPSR Requirements

The user manual for LPG components must meet the requirements of the GPSR directive, such as:

- **Clarity and comprehensibility:** Manuals should be written in simple, clear language, including symbols and warnings about risks associated with the product. They should cover all aspects of usage, including installation, operation, maintenance, and safety.
- **Compatibility with standards:** Manuals should indicate that the product meets relevant standards and certifications, such as ECE (United Nations Economic Commission for Europe) approvals, CE marking, or other regulatory safety requirements for LPG.

Examples of resources on user manuals and the GPSR Directive:

- **European Commission** – Information about GPSR and its implementation: *Commission's Website on GPSR*
 - **Polish LPG Industry Chamber (PIG LPG)** – Information about gas installations: *PIG LPG*
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Summary

The GPSR directive mandates the provision of complete, clear, and comprehensible user manuals for products, including LPG components. By providing a user manual, manufacturers ensure that users have all the necessary information about installation, operation, maintenance, and safety,



which minimizes accident risks and ensures compliance with safety regulations.