Economic Commission for Europe

Inland Transport Committee

Working Party on the Transport of Dangerous Goods

**Joint Meeting of the RID Committee of Experts and the
Working Party on the Transport of Dangerous Goods**

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Interpretation of RID/ADR/ADN

Transmitted by the European Industrial Gases Association (EIGA)

Interpretation of RID/ADR/ADN

Introduction

1.   For a number of years, the industrial gases industry has been introducing cylinder valves that incorporate a pressure regulator. These items are widely used, particularly in the field of medical gases, where they avoid the need for people, who are frequently elderly or infirm, to safely connect a conventional pressure regulator to a gas cylinder valve. Additionally, they are finding increasing use in the traditional industrial gases markets such as welding and cutting.

2.   These closures, which incorporate the pressure regulators are generically, referred to as "Valves with Integrated Pressure Regulators", VIPRs. The constructions of these items are covered by EN 22435, for those in industrial gas service and EN 10524-3, for those in medical gas service. These standards cover all aspect of the items of equipment including performance of the regulating function, constructional requirements and performance of the closure,

3.   Referring to 6.2.2.3 and 6.2.4.1 of the ADR, the requirement for closures is that they meet the requirements of EN ISO 10297 for new type approvals as appropriate.

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4.   EIGA seeks confirmation that for the closures that incorporate a pressure reducing function, (or other function, such as a residual pressure, check valve or pressure relief device), that the closure alone needs to be assessed for compliance to EN ISO 10297. Other items that do not perform a closure function only require to be assessed to ensure that they do not adversely affect the closure function.

5.   This statement is valid as long as RID/ADR/ADN does not give specific requirements for such additional functions.