



## Scope and Terms of Reference

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### WORK GROUP: Packaged Gases WG

**Sponsor:** Gary Choo (Taiyo Nippon Sanso)

**Chairman:** Ramana Vutukuru (Linde Group)

#### 1. Purpose & Objectives

- To deal with current cylinder packaged gases safety issues, regulations and standardization, specifically related to cylinder filling, handling, re-qualification and maintenance of cylinder packages.
- To act as a forum for matters concerning above issues from national associations
- To co-operate and co-ordinate with other work groups on safety, and implementation of recommendations
- To recommend to the TC where codes of practices, guidelines, etc., are required and to prepare such documents for their approval.

#### 2. Scope of Activity

The prioritized areas for study are:

- Design, manufacture, testing of cylinder and cylinder bundles
- Inspection of cylinders at the time of filling
- Periodic re-qualification of cylinders
- Gas cylinder test station – general requirements
- Cylinder filling – general requirements for liquid pump, decant fill, wet gas compression
- Handling problem cylinders
- Disposal of residual gases from cylinders
- Cylinder valve connections
- Cylinder ownership
- Cylinders disposal
- Cylinder conversions
- Safe handling and use of Portable Liquid cylinders
- **cylinder valves- safety and handling**

#### 3. Composition of Group

- Consists of experts nominated from member companies

#### 4. Expected Achievements

- To identify major areas of concern in the above scope of activity

- To make recommendations to the TC regarding the adoption/adaptation of existing standards as well as new standards for use in the Asia environment

#### **5. Frequency of Meetings & Expected Lifetime**

- Initially, 3 to 4 times a year (including tele-conference)
- Work Group is believed to be a permanent one, although a member's term shall rest with the nominee's company.

#### **6. Information Flow & Publications**

- Minutes will be kept and circulated to members, with copies to TC and to other linked work groups. The AIGA office will monitor progress and upload progress updates on the website for information of the national association members.
- Members are expected to be in touch with developments at the country levels in Asia with respect to new regulations and initiatives and to update the Work Group.

#### **7. Links with other Work Groups**

- Safety Advisory Group for matters related to safety

#### **8. Relations with External Organizations**

- CGA, EIGA JIMGA
- IHC for harmonization of standards