

Shanghai CAL Custom Manufacturing & Aerosol Propellants Co., Ltd.

- Founded in 1995
- Total investment - \$19 millions.
- **Filling business:**

Liquid: Shampoo, Conditioner, Spray Gel, Body Lotion, Body Wash, Facial and Eye Mask

Aerosol: Mousse, Shaving Foam, Moisture Foam and Deodorant Spray, Dust Remover

- **Cosmetic grade propellants:**
A17, A31, A46, A70, A108 and etc.



Main Customers



P&G



Johnson & Johnson
强生



Unilever



Schick
GET READY



L'ORÉAL
PARIS



Amway 安利
为您生活添色彩



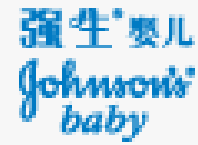
NIVEA
THE CARE SITE



3M 中国



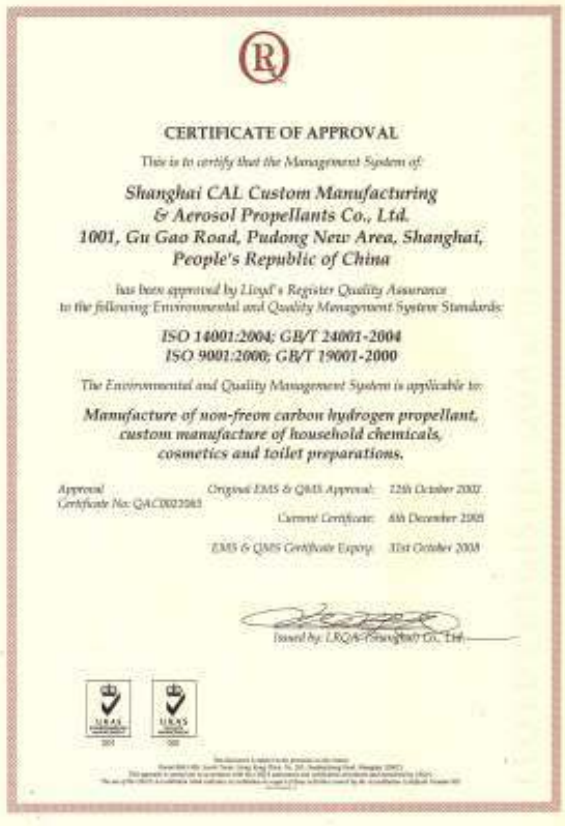
Koike Aronson, Inc.
RANSOME



Exports



Environmental and Quality Management



In Oct. 12th, 2002, SCAL has been approved by Lloyd's Register Quality Assurance to:

ISO14001: 2004

ISO 9001: 2000



AW Distributing, Inc.

Facility Overview

- Site size: 66000 SQM

Main Building : 7,280 SQM

Including Warehouse: 3,900 SQM

 Making: 580 SQM

 Filling: 2,800 SQM

- Land for Future Expansion: 10000 SQM



Facility Overview – Water Treatment System

- Designed, manufactured and installed by U.S. Filter.
- Controlled by PLC system and composed of 4 purified units.
- The quality of the DI water can Meet USP27 Standards.
- Hot and cold DI water is available for Making and Sanitization.



Facility Overview – Making System

➤ Making

- Six 10 tons mix tanks with Turbine
- One 10 tons and two 5 tons main mix tanks with Scrapwall
- Two 2 tons, one 1 Ton & one 500 kg main mix tank with Vacuum
- Different size pre-mix tanks (40/200/600/2000Litres)

➤ Storage

- Six 10 tons storage tanks for concentrate storage



Facility Overview – Filling Line

- Bottle Filling
- Aerosols Filling
- Pouch Filling
- Sachet Filling
- Tube Filling
- Jar Filling



Quality Assurance - Laboratory

- **Lab of Custom Manufacturing**

World class instruments: GC, FTIR, UV, HPLC

- **Micro Lab**

Micro lab and stability test room

- **Propellant Lab**

Advanced instruments: GC, Sulfur Analyzer Electronic, Moisture Detector, Vapor Pressure Tester & Bath

