# Innovation is no accident™

### **EXPERIENCE MATTERS**



**MANUFACTURING** IN CHINA

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Creator of revolutionary subatmospheric gas delivery solutions, including Safe Delivery Source® (SDS®) and Vacuum Actuated Cylinder (VAC®) technologies

>200,000

cylinders shipped since 1994

**25 YEARS** 

of experience in the Electronics industry

reportable incidents

00%

committed to quality and customers satisfaction

of the world's semiconductor leaders >100 of the world's semicondes are using Entegris solutions

**HVM IN CHINA** FOR SUBATMOSPHERIC DELIVERY PACKAGES

QUANZHOU XIAMEN

SHANGHAI

multinational company to provide local manufacturing of subatmospheric gas products in China

> LOCATIONS **IN CHINA**

- > Application expertise
- > High volume manufacturing (HVM)





### SDS **TECHNOLOGY**



#### CHOICE IN SAFETY

Delivers and stores gas subatmospherically at <760 torr

SDS cylinders take up to 300% longer to fail in a fire, allowing more time for evacuation and emergency response

Over 25 years of R&D experience,

continuously developing novel safe delivery technologies, serving multiple applications with numerous gas offerings



## UN CLASSIFICATIONS

new adsorbed gas numbers for all SDS types

**COMPREHENSIVE OFFERING OF GAS PACKAGES AND** ADSORBED GASES



- SDS3, best-in-class safety, capacity and performance for ion implant gas needs. Capacities 2x greater than SDS2
- Broad range of gases including AsH<sub>3</sub>, PH<sub>3</sub>, BF<sub>3</sub>, GeF<sub>4</sub>, CO, SiF<sub>4</sub> and more
  - Best-in-class, VAC boron and germanium mixtures for dramatically improved source life and beam performance

