



IS 13258:2014

WELDED LOW CARBON STEEL CYLINDERS EXCEEDING 5 LITRE WATER CAPACITY FOR LOW PRESSURE LIQUEFIABLE GAS — REQUIREMENTS FOR INSPECTION AND RECONDITIONING OF USED LPG CYLINDERS

LPG (Liquefied Petroleum Gas), exceeding a **5-liter water capacity**, is widely used across various sectors. Over time, **cylinders** can get rusty, damaged, or develop tiny leaks.

Consumers expect that **LPG cylinders** are **structurally sound** to **prevent gas leaks** and can withstand **pressure fluctuations** without the risk of **rupture**. They should be designed to endure regular usage and environmental conditions that could affect their **integrity** over time. The cylinder should deliver **consistent performance**, withstanding **repeated filling, emptying, and handling**.

The **IS 13258:2014** standard focuses on the **inspection** and **reconditioning** of **welded low carbon steel cylinders** used for storing **low-pressure liquefiable** gases like Liquefied Petroleum Gas (LPG). It outlines a reconditioning process that restores the cylinder to a **safe** and **usable** state. This standard prescribes detail process for inspection and reconditioning, it also prescribes the requirement of **Hydrostatic** test and **pneumatic** test, thus ensure that **Cylinders** are **inspected** and **reconditioned** properly and they are **leakproof**.

Marking clause of IS 13258 mandate the marking of **Original serial number** and **batch number** of the cylinder, along with additional details, offering **essential information** to the user.

By adhering to IS 13258, manufacturer can ensure that **LPG cylinders** are **properly inspected, reconditioned** and are **safe** for use.