

Specification for gas cylinders

Ne Cylinders

Quantity required – 8 nos Cost: 25lakhs

(Estimated based on P .O 8716-2018006319, July 2019)

Essay of Neon isotopic mixture: - Ne²⁰: Ne²² (52.5: 47.5)

Maximum permissible level of Impurities:

H₂ ≤ 2ppm

O₂ ≤ 1ppm

Ar ≤ 4ppm

CO₂ ≤ 4ppm

He⁴ ≤ 5ppm

Cylinder capacity: 1 liter and approx.1.5 bar pressure

He Ne cylinders

Quantity required – 2 nos – 23 Lakhs

Essay of Helium and Neon isotopic mixture

He³: Ne²⁰: Ne²² (90 : 5.25 : 4.75) or He³: Ne²⁰: Ne²² (90 : 5 : 5)

Maximum permissible level of Impurities:

H₂ ≤ 2ppm

O₂ ≤ 1ppm

Ar ≤ 4ppm

CO₂ ≤ 4ppm

He⁴ ≤ 5ppm

Cylinder capacity: 1 liter and approx. 1.5 bar pressure

Terms and conditions:

1. Party should provide composition analysis certificate.
2. Valve connection DIN 477/6 should be provided.