

## Specification for gas cylinders

### Ne Cylinders

#### **Quantity required – 8 nos**

Essay of Neon isotopic mixture: - Ne<sup>20</sup>: Ne<sup>22</sup> (52.5: 47.5)

Maximum permissible level of Impurities:

H<sub>2</sub> ≤ 2ppm

O<sub>2</sub> ≤ 1ppm

Ar ≤ 4ppm

CO<sub>2</sub> ≤ 4ppm

He<sup>4</sup> ≤ 5ppm

**Cylinder capacity: 1 liter and approx.1.5 bar pressure**

### He Ne cylinders

Quantity required – 2 nos

Essay of Helium and Neon isotopic mixture

**He<sup>3</sup>: Ne<sup>20</sup>: Ne<sup>22</sup> (90 : 5.25 : 4.75) or He<sup>3</sup>: Ne<sup>20</sup>: Ne<sup>22</sup> (90 : 5 : 5)**

Maximum permissible level of Impurities:

H<sub>2</sub> ≤ 2ppm

O<sub>2</sub> ≤ 1ppm

Ar ≤ 4ppm

CO<sub>2</sub> ≤ 4ppm

He<sup>4</sup> ≤ 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.