

**NATIONAL CENTRE FOR SUSTAINABLE COASTAL
MANAGEMENT**

Ministry of Environment and Forests (MoEF)

Koodal Building, Anna University Campus

Chennai – 600025

**SPECIFICATION FOR PORTABLE LIQUID NITROGEN CONTAINER
(Quantity: 2 Nos.)**

TECHNICAL SPECIFICATION
1. The vessel should be lightweight, ideal for laboratory and medical applications. Standard dimensions & shape for ease of handling pouring and use within laboratory.
2. Should be provided with transport/pouring trolley, tipping stand & roller base
3. Technical specifications:
4. Should have a capacity of ~35 Litres
5. Static Hold Time should be ~120 days
6. Evaporation Rate should be ~0.20 Liters /day
7. Approximate Neck tube diameter 50mm
8. Height of the drum: ~581mm
9. Outside diameter of the drum : ~400mm
10. Weight Empty of the drum : 7.0 Kg
11. Weight Full of the drum : 27.0 Kg
12. Liquid withdrawal device should be available
13. Accessories, and spares to be provided
• Withdrawal device
• Phase Separator
• Roller base