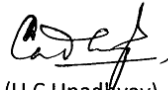


Annexure – 01 to Indent No. 736320008

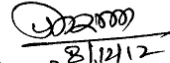
Technical specification for High purity Hydrogen gas generator

Hydrogen gas generator with following technical specification is required for Material Test Laboratory.

1. Out put flow rate : 200 cc/min.
2. Purity of Hydrogen gas : 99.9995 %
3. Dew point : - 40°C/ - 40°F
4. Outlet pressure : 0 – 6.9 bar / 0 – 100 psi
5. Outlet port : 1/8" tube
6. Noise : < 60 dB with internal air compressor
7. Power supply : 230 V AC \pm 10 %, 50 Hz
8. Gas flow indicator
9. Dual pressure safety
10. Automatic shutdown on pressure buildup
11. Self checks for internal leaks
12. Automatic water loading pump
13. 10 Liter De-ionized water shall be supplied along with supply (Free of cost)
14. Necessary accessories and tools along with operation and maintenance manual shall be supplied with generator.



(U C Upadhyay)
Asst. Engr (Scientific)



(Prem Ran)
8/12/12
Dy Manager (CQX)

Special requirement for Hydrogen Gas Generator against enquiry no. E7120516

1. Calibration certificate is required along with supply.
2. Operation and maintenance manual are required with detailed circuit diagram.
3. Guarantee certificate is required for 24 months from the date of commissioning.
4. Commissioning with our DGA test set and training of the equipment to be done by supplier.
5. Erection & commissioning is required within 15 days from our call for commissioning and erection & commissioning charges should be 5% of quoted basic rate.