

## **List of Items & General Instructions**

### **A. Wind Tunnel Balances:**

**Quantity** : One 6-Component balance, Two Hinge Moment balance and One Rolling balance.

**Dummy Balance** : Each balance must be provided with a dummy balance made of Stainless steel.

**Calibration body** : Each balance must be supplied with a calibration body made of Stainless steel.

**Fasteners** : 'Unbrako' make fasteners for connecting and removing the balance from calibration body.

**Calibration Report** : Each balance must be supplied with 2 copies of calibration reports.

### **B. Mach 9.5 Contoured Nozzle:**

a) Mach 9.5 nozzle consists of 6 parts assembled together.

b) Throat section is made of heat treated 17-4-Ph/SS420/EN58 B.

c) One set of HSS fasteners for the nozzle assembly.

d) The total temperature at the entry to the nozzle is 1000K (max).

e) The total pressure at the entry to the nozzle is 70 bar (max).