## Hyderabad Zone

<table>
<thead>
<tr>
<th>Sl No.</th>
<th>Lab Name</th>
<th>Details of Test Facilities</th>
</tr>
</thead>
</table>
| 1      | RCI      | (i) 4 Ton Electro Dynamic Shaker  
         |          | (ii) 500 Kgs Shock Machine  
         |          | (iii) Acoustic Vibration Facility  
         |          | (iv) Centrifuge Test Facility  
         |          | (v) Combined Altitude Temperature Humidity chamber  
         |          | (vi) Combined Vibration & Climatic Chamber  
         |          | (vii) Electro dynamic vibration test facility (16 ton)  
         |          | (viii) Electro dynamic vibration test facility (7 ton)  
         |          | (ix) EMI-EMC & EMP Measurement & Compatibility  
         |          | (x) Establishment of Radar Seeker Test and Evaluation Facility  
         |          | (xi) Free Fall Drop test facility  
         |          | (xii) High Altitude Chamber  
         |          | (xiii) Icing / Rain Chamber  
         |          | (xiv) Kinetic Heating Test Facility  
         |          | (xv) Pendulum Shock Machine  
         |          | (xvi) Rapid Temperature Cycling  
         |          | (xvii) RCS Measurement Technology  
         |          | (xviii) Salt Spray Chamber  
         |          | (xix) Thermal Shock Chamber  
         |          | (xx) Transportation Test Rig  
         |          | (xxi) Walk-In-Chambers  |
| 2      | DLRL     | (i) Altitude Low & High Temperature Chamber  
         |          | (ii) Automated EMI Susceptibility Measurement System  
         |          | (iii) Automated Emission Data Collection and Measurement System  
         |          | (iv) Automated Radiated Susceptibility Test System  
         |          | (v) Bump Test Machine  
         |          | (vi) Combined Altitude Temperature Humidity Chamber  
         |          | (vii) DUST Chamber  
         |          | (viii) Electro-Static Discharge Test, 25 KV  
         |          | (ix) ESS Chamber  
         |          | (x) Low, High Temperature & Humidity Chamber  
         |          | (xi) Low and High Temperature Chamber  
         |          | (xii) Modulation domain Analyzer set-up  
         |          | (xiii) Noise Figure Analyzer set-up  
         |          | (xiv) Rain Chamber  
         |          | (xv) Scalar Network Analyzer set-up  |
| 3  | DMRL | (i) Atomic Absorption Spectrometer (AAS)  
|     |      | (ii) Creep and Stress rupture testing Facility (15 test rigs)  
|     |      | (iii) Fatigue and Fracture Mechanics Testing Lab  
|     |      | (iv) Fatigue testing facility  
|     |      | (v) Gleeble 3800 Thermo-Mechanical Simulator  
|     |      | (vi) Glow Discharge-Optical Emission Spectrometer (GD-OES)  
|     |      | (vii) High Resolution - Inductively Coupled Plasma-Mass Spectrometer (HR-ICP-MS)  
|     |      | (viii) Inductively Coupled Plasma-Optical Emission Spectrometer (ICP-OES)  
|     |      | (ix) Instrumented/Non instrumented Impact Testing Machine  
|     |      | (x) Leco Carbon & Sulphur Analyser  
|     |      | (xi) Leco Hydrogen Analyser  
|     |      | (xii) Leco Oxygen & Nitrogen Analyser  
|     |      | (xiii) Micro tensile testing facility  
|     |      | (xiv) Nano Indentation test facility  
|     |      | (xv) Slow Strain Rate Stress Corrosion Test System  
|     |      | (xvi) Stress Corrosion Cracking Test Facilities (12 test rigs)  
|     |      | (xvii) Tensile Testing Lab  
| 4  | ITR  | (i) Electro Optical Tracking System  
|     |      | (ii) Radar System  
|     |      | (iii) Telemetry System  
| 5  | PXE  | (i) Agilent Mixed Signal Oscilloscope cum spectrum analyzer  
|     |      | (ii) Agilent RF Signal Generator  
|     |      | (iii) BAL 607D Muzzle flash Pick up  
|     |      | (iv) Canon Digital Eos 5d Camera  
|     |      | (v) CCTV system of FP-II and Chetak  
|     |      | (vi) CPG (Current Pulse Generator)  
|     |      | (vii) DeltaPix Scientific Camera for macro photography  
|     |      | (viii) Environmental Test Facilities  
|     |      | (ix) GRAW Upper Air Sounding System sounding  
|     |      | (x) IPG Internal Piezo Gauze  
|     |      | (xi) Optical Detector(Skyscreen) Type 858  

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>(xii)</td>
<td>PCO 2000 High Speed Digital Camera</td>
</tr>
<tr>
<td>(xiii)</td>
<td>Photron Fastcam SA5-RV (High Speed Digital Camera)</td>
</tr>
<tr>
<td>(xiv)</td>
<td>Programmable Function Generator Agilent 33500B</td>
</tr>
<tr>
<td>(xv)</td>
<td>Prosilica GX 6600 MC vision camera.</td>
</tr>
<tr>
<td>(xvi)</td>
<td>Sensicam High Speed Digital Camera</td>
</tr>
<tr>
<td>(xvii)</td>
<td>Sensor Instrumentation Support</td>
</tr>
<tr>
<td>(xviii)</td>
<td>SIM (High Speed digital framing camera)</td>
</tr>
<tr>
<td>(xix)</td>
<td>SIR High Speed Digital Camera</td>
</tr>
<tr>
<td>(xx)</td>
<td>Sony DSR-370P camera.</td>
</tr>
<tr>
<td>(xxi)</td>
<td>Sony DSR-PD150P camera.</td>
</tr>
<tr>
<td>(xxii)</td>
<td>UT NDT (Epoch -600)</td>
</tr>
<tr>
<td>(xxiii)</td>
<td>VADR Velocity Analysing Doppler Radar</td>
</tr>
<tr>
<td>(xxiv)</td>
<td>Vaisala DigiCORA III Sounding System</td>
</tr>
<tr>
<td>(xxv)</td>
<td>Weinberger Speed Cam Visario</td>
</tr>
</tbody>
</table>