


<b>Name of the Equipment / Facility</b>	TEST FACILITY FOR EVALUATION OF INFRARED (IR) SIGNATURE SUPPRESSION DEVICES
<b>Purpose of Use</b>	It can simulate engine flow conditions for testing IRSS devices up to 1MW capacity and scale down models beyond 1MW.
<b>Photograph</b>	 <p>The photograph shows an industrial test facility. A large, complex metal structure is visible, with a prominent red cylindrical component. A yellow arrow points to the structure, and another yellow arrow points to the red component. Text boxes overlaid on the image provide the following information:</p> <ul style="list-style-type: none"> <li>Height of Structure: 7.5m</li> <li>Width of Structure: 2.5 x 2.5m</li> <li>Temperature: 50-600C</li> </ul>
<b>Key Specifications</b>	The test facility consists of a Hot Air Generator which can generate hot air up to 6kg/s at temperature ranging from 50-500°C and a test structure capable of accommodating IRSS device of size Ø1.0m x 3.5m long, with a provision to measure parameters for performance evaluation