

AIR HUMIDITY

- Humidity - Moisture content of air
- Relative Humidity (%) = $\frac{\text{Actual water vapours pressure}}{\text{Saturated water vapours pressure}} \times 100$
- Relative Humidity < 35% Dry, 50% Pleasant, > 65% Sticky • Measured by
 - 1. Dry & Wet Bulb Thermometer
 - 2. Hygrometer - Dry & Wet Hygrometer - most widely used to measure humidity
 - Hydrometer - used in Soil analysis (NOT for humidity)
- Sling / Whirling Psychrometer - measures Relative Humidity (Rotated 4 rotation/second at the speed of 5

m/sec)

- 3. Assmann Psychrometer