

## Construction Safety Guidelines No. 15

## Air Receivers

		
<p style="text-align: center;"><b>POSITIONING</b></p> <ul style="list-style-type: none"> <li>▪ Air receivers shall be placed away from the combustible materials &amp; sources of heat.</li> <li>▪ Air receivers must never be buried underground or located in an inaccessible place.</li> <li>▪ Air receivers shall be placed with sufficient clearance to allow a complete external inspection.</li> </ul>	<p style="text-align: center;"><b>DRAIN PIPE &amp; VALVE</b></p> <ul style="list-style-type: none"> <li>▪ Ensure that adequate drain pipe &amp; valve is installed at the lowest point of every air receiver to remove accumulated oil and water.</li> <li>▪ Adequate automatic traps may be installed in addition to drain valves.</li> <li>▪ Completely drain the air receiver by opening drain valve at such intervals as to prevent the accumulation of excessive amount of liquid.</li> </ul>	<p style="text-align: center;"><b>PRESSURE GAUGE &amp; SAFETY VALVE</b></p> <ul style="list-style-type: none"> <li>▪ Every air receiver shall be equipped with a pressure gauge &amp; safety valve.</li> <li>▪ Ensure that the safety valve is tested frequently in accordance with the manufacturer's manual.</li> </ul>
		
<p style="text-align: center;"><b>TESTING &amp; CERTIFICATION</b></p> <ul style="list-style-type: none"> <li>▪ Every pressure vessel shall be examined by a competent person approved by Ministry of labour &amp; social affairs.</li> <li>▪ Testing frequency shall be once in 12 months &amp; certificate shall be obtained.</li> <li>▪ It shall be examined by visual examination &amp; hydrostatic or pneumatic test.</li> </ul>	<p style="text-align: center;"><b>GUARDING</b></p> <ul style="list-style-type: none"> <li>▪ Ensure that proper guards are provided to all the moving parts like fly wheel &amp; belt.</li> <li>▪ Replace the guard immediately after completing maintenance work.</li> <li>▪ Undertake regular inspections to check the guarding of the machine.</li> </ul>	<p style="text-align: center;"><b>HOSE CONNECTION &amp; USE</b></p> <ul style="list-style-type: none"> <li>▪ Air lines shall be connected using proper clamps.</li> <li>▪ Air lines should be of good approved quality.</li> <li>▪ Never use compressed air for cleaning of clothes or body parts.</li> <li>▪ Whip checks must be provided to all connections in a compressed air line.</li> </ul>