



**DALMIA CEMENT (B) LIMITED – CEMENT PLANT
ARIYALUR
SAFETY DEPARTMENT MANUAL**

Issue No. 02	Rev. No: 00	Effective Date: 01.11.2019	WI-26(PI-14; AM-8)
Issued By: M.R		Approved By: HOD -SAFETY	
WORK INSTRUITION FOR SAFETY PRECAUTIONS COMPRESSED AIR			

1.1.1 Wear protective ear sheaths

1.1.2 Have firm grip over the tool.

1.1.2 Have a firm posture with legs apart.

1.1.4 Do not open the valves unless the tool is ready for use.

1.1.5 Disconnect the air supply before removing the tool.

1.1.6 After completion of job, turn off the valve.

1.2 COMPRESSED AIR

1.2.1 Compressed air is being used in our plant for pumping the load, for lifting the material, through airlifts. It is a useful source of energy if used properly, if is it not used properly, dangerous things can happen resulting in permanent, disablement. Even sometimes fatal. Often, accidents have occurred with compressed air injuring the eardrum causing deafness. Clothing do not offer any protection to the compressed air.

1.3 DON'Ts

1.3.1 Do not handle compressed air unless you are authorized to do so.

1.3.2 Do not handle compressed air if you have cut wounds and abrasions on your body.

1.3.3 Do not clean your body or clothes with compressed air.

1.3.4 Do not help to clean the clothing of others.

1.3.5 Do not use compressed air for other purpose other than the proper purpose.

1.3.6 Do not point the compressed air line to your body or to the body of others.

1.3.7 Do not use a worn out hose for compressed air.



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1.3.8 Do not leave the hose on the ground and then open the valve as it can hit you powerfully.

1.3.9 Do not fold the hose to stop the air supply.

1.3.10 Do not test the leakages in line by hands-use water.

1.4. DOs.

1.4.1 Use only strong hoses, couplings and clips for compressor airlines.

1.4.2 When using for breathing purpose in confined areas, use clean hose and the hose, which is not used for any other gas, use fitters if necessary.

1.4.3 Secure hose pipes adequately to make all connections airtight.

1.4.4 Always keep the hoses securely to prevent thinning and damage from whipping.

1.4.5 If there is any necessary for the use of compressed air for cleaning, then follow the following procedures.

- a) Pressure of the orifice should not exceed 1.6 Kg/Cms.sq.**
- b) A grip guard is provided around the manhole or table.**
- c) Wear personal protective devices for ears and wear goggles for eye protection.**
- d) See that no one is nearby the cleaning area.**

1.4.6 Have a firm grip on the tool before connecting the same to the airline.

1.4.7 Make sure that air supply is closed when changing the tool.