



# Oregon

Theodore R. Kulongoski, Governor

## Department of Consumer and Business Services

Oregon Occupational Safety & Health Division (OR-OSHA)

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September 27, 1996

Reed Falkenberg  
Spraying Systems Co.  
3612 SW Troy  
Portland OR 97219

Dear Mr Falkenberg:

This is in response to your August 19, 1996 letter in which you ask if:

A deadman type valve is required on high and low pressure hot and cold wash down hoses and whether an appropriate length of extension should be added to the end of hose lines to insure that operators could not easily spray themselves in the face.

There are only limited standards addressing steam and high temperature hoses. OAR 437-02-210(3) requires only that lines be insulated. If established that there was a hazard with high pressure hoses and hot water lines OR-OSHA could use the general duty clause which requires the employer to provide a safe workplace for their employees at all times.

High pressure lines can pose dangers from whipping and penetration of the body if directed against a person. Such lines should have valves which are close to the operator so water can be shut off when the hoses are not in use, preferably, with a deadman type valve at the working end.

As to hose line extensions, they are a good idea to prevent the high pressure water from coming in contact with the operators body.

For further information contact Jerry Hoard at 378-3272 or by E-mail at: [tech.web@state.or.us](mailto:tech.web@state.or.us). You are also invited to see the DCBS/OR-OSHA pages on the Internet at [www.cbs.state.or.us/external/osha/index.html](http://www.cbs.state.or.us/external/osha/index.html).

Sincerely,

Marilyn K. Schuster, Manager  
Standards & Technical Resources Section  
Oregon Occupational Safety & Health Division