



THE UNIVERSITY OF MAINE SAFETY AND ENVIRONMENTAL MANAGEMENT

HYDRAULIC JACKS

General	Applies to all University of Maine employees and students using hydraulic jacks.
Regulatory Guidance	Occupational Safety and Health Administration (OSHA) 29 CFR 1910.244
Requirements	<p>The following safety practices must be followed to ensure safe use of hydraulic jacks:</p> <ul style="list-style-type: none">• Use the appropriate jack for the task.• Ensure the jack has a sufficient load rating to lift and sustain the load.• Use the appropriate personal protective equipment.• Use a jack only for the purpose it was designed for without modification.• Obtain proper training prior to using jack.• Inspect jack before use.• Block base of jack in absence of a firm foundation. Block between the cap and the load if there is a possibility of slippage of the cap.• Clean stop indicator to allow the operator to determine the limit of travel. The indicated limit shall not be overrun.• Notify your supervisor if a jack that is damaged or improperly working.• Inspect and clean all tools after use. Remove from service and tag not for use (for repair or replacement) any damaged, worn or broken tool.• Lubricate jack at regular intervals• Inspect jacks every 6 months.• Jacks must have the rated load legibly and permanently marked in a prominent location.
Responsibilities	<p>Shop supervisors must review and follow all hydraulic jack manufacturer recommendations for proper use and maintenance; train employees and students; document training and other qualifications; maintain records; and coordinate activities in machine use areas (training may be included in <i>Department Annual Safety Training</i>).</p> <p>Employees and students using hydraulic jacks must be trained on the use of the equipment they are authorized to use. This can involve formal training and/or on-the-job training, and must include the selection, proper use and care, and limitations of the jacks they use. They must follow the manufacturer recommendations for proper use and maintenance.</p>
For Additional Information	Contact your Department Safety Coordinator or Safety and Environmental Management at 207/581-4055.
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