



JOB/TASK NAME EB0050 FLUID MECHANICS LABORATORY	DATE 5/31/2012
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JOB TITLE PERFORMING THE JOB/TASK Instructors, Teaching Assistants, Students
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REQUIRED PERSONAL PROTECTIVE EQUIPMENT	See detailed instructions in individual laboratory experiment procedure handouts for Personal Protective Equipment required for certain operations.
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EQUIPMENT / TOOLS REQUIRED FOR JOB (Complete Tool Inspection Prior to Start of Job):

Open channel demonstrator, Flow in pipes demonstrator, Pump and pipe systems demonstrator, Stream table, Erosion function apparatus, hand tools (for repairs or component fabrication).

JOB STEPS		POTENTIAL HAZARDS	HAZARD CONTROL METHOD
1.	Safety Training	See items listed below	1) All persons actively engaged in laboratory activities must have safety training. The training shall include the following parts: a) General Laboratory Rules b) Laboratory Experiment Procedures c) Personal protective equipment (PPE)
2.	Housekeeping	a. Slips, trips, falls	2) Keep work area clean and clear of debris and liquids. 3) Be aware of everything going on around you. 4) Keep an eye on fellow workers and alert them of any potential risk/harm. 5) Keep the floor and bench tops clean.
3.	Tools and Equipment	a. Electrical Hazards	6) Before use of any powered equipment or tool, a thorough inspection must be completed to insure proper working condition. Make any proper necessary corrections before use of the equipment. 7) Do not use any equipment or tool that is damaged beyond repair or has any safety features missing (guards). Report damaged tool/equipment to team captain or safety

			<p>advisor for “DO NOT OPERATE” tag.</p> <p>8) Portable power equipment shall be unplugged when not in use.</p> <p>9) All power cords shall be inspected before the cord or tool is used, periodically while being used and when work with the cord or equipment is done for the day. Any damaged cord must be taken out of service immediately.</p> <p>10) Do not use or touch electrical equipment if water or other fluids are on the equipment, the floor around it, or your clothes are wet</p> <p>11) If while operating the equipment or power tool a circuit breaker trips for any reason, the instructor, lab TA or other qualified person must determine the cause and correct it before resetting the breaker.</p>
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