

OCTELAB SAFETY NET

APPENDIX A - PROJECT / LEARNING ACTIVITY MATERIALS, PHYSICAL RESOURCES

PROJECT / LEARNING ACTIVITY TITLE: Concrete Brick

COURSE CODE AND TITLE: TCJ 3E

VERSION PREPARED DATE: 2012

SUBMITTED BY: Peter Schleihauf

CONTACT:

PROJECT / LEARNING ACTIVITY MATERIALS LIST FOR THIS PROJECT / LEARNING ACTIVITY

MATERIAL	QUANTITY	DESCRIPTION	SOURCE	WHMIS MSDS ATTACHED	SAFE STORAGE	WASTE DISPOSAL
Sheet good	2- 2-	6 mil plywood is good but masonite, even better	[x] new, purchased [] new, donated from community, industry [x] recycled from inside school [] recycled from outside school PREPARATION REQUIRED FOR USE: DETAILS:	[] Y [x] N	retains shape best laying down stacked on top of each other	school waste

jinks wood		1 cm x 1cm basswood	<input checked="" type="checkbox"/> new, purchased <input type="checkbox"/> new, donated from community, industry <input checked="" type="checkbox"/> recycled from inside school <input type="checkbox"/> recycled from outside school PREPARATION REQUIRED FOR USE: DETAILS:	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Generally sold in packages of 100 @ 1 m length	
Coarse Yarn	roughly three times width of concrete form	Polyester yarn of sufficient strength to allow some tightening. Used to simulate wire tie on real form	<input type="checkbox"/> new, purchased <input checked="" type="checkbox"/> new, donated from community, industry <input type="checkbox"/> recycled from inside school <input type="checkbox"/> recycled from outside school PREPARATION REQUIRED FOR USE: DETAILS: Safety sheet on proper use of utility knife			should be classroom waste as remains will be sticking out the side of brick. care must be taken to smooth brick where tie comes out.
concrete mix (Sakrete)			<input checked="" type="checkbox"/> new, purchased <input type="checkbox"/> new, donated from community, industry <input checked="" type="checkbox"/> recycled from inside school <input type="checkbox"/> recycled from outside school PREPARATION REQUIRED FOR USE: DETAILS:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N		

<p>Form Oil See Alternative Below</p>	<p>enough to cover the area of the bottom and four sides of the form</p>		<p><input checked="" type="checkbox"/> new, purchased <input type="checkbox"/> new, donated from community, industry <input checked="" type="checkbox"/> recycled from inside school <input type="checkbox"/> recycled from outside school</p> <p>PREPARATION REQUIRED FOR USE: DETAILS:</p>			
<p>Canola oil Alternative to Form oil</p>	<p>enough to cover the area of the bottom and four sides of the form</p>			<p>MSDS in this case not required due to category of product. Canola oil falls under the Food and Drug Act in Ontario.</p>		

PHYSICAL RESOURCES USED FOR THIS PROJECT / LEARNING ACTIVITY

EQUIPMENT, TOOL, MACHINE	SUBJECT – SPECIFIC NEEDS	INSPECTED FOR SAFETY FEATURES	STUDENT TRAINING PLAN IDENTIFIED	MAINTENANCE SCHEDULE
<p>NOTE: TEACHER EXPERIENCE AND SAFETY PROFICIENCY IS ASSUMED.</p> <p>DETAIL EQUIPMENT:</p> <p>MANUAL APPLICABLE / AVAILABLE (LOCATION): Must be in well lit shop with plenty of ventilation.</p>	<p>MACHINE GUARDING AND SHIELDING APPLICABLE</p> <p>[] YES [] NO [] N/A</p> <p>EMERGENCY STOP / PANIC BUTTON APPLICABLE</p> <p>[x] YES [] NO [] N/A</p> <p>LOCK-OUT TAG APPLICABLE</p> <p>[] YES [] NO [] N/A</p> <p>OTHER (SUBJECT-SPECIFIC)</p> <p>[] YES [] NO [] N/A</p>	<p>[] Teacher DATE: _____</p> <p>[] Board DATE: _____</p>	<p>DETAIL STEPS:</p> <p>SIGNAGE:</p> <p>RESOURCES: <u>Canadian Wood-Frame House Construction; Second Metric Edition.</u> ; Canada Housing and Mortgage, CMHC : 1984. ISBN: 0-660-12647-8</p> <p>Construction Health and Safety Manual. ; Construction Safety Association of Ontario, 72 Victoria Street, Toronto, Canada : 1992. ISBN 0-919465-54-4</p> <p>FREQUENCY OF RETRAINING ADVISED:</p>	<p>DAILY:</p> <p>WEEKLY:</p> <p>MONTHLY:</p> <p>ANNUALLY:</p> <p>CONTACT FOR REPAIR:</p>