



18th Skills Canada National Competition

18^{es} Olympiades canadiennes des métiers et des technologies

Edmonton, AB

May 13 - 16, 2012

Electronics Trade 16

Post Secondary Competitor Notes:

1. You will be supplied with no lead solder Sn99.3/Cu0.7. Please ensure you have the appropriate solder iron and tips to work with this type for PCB work.
2. Lighting at the competition site is not optimal for the close work you will do. Please bring a personal desk lamp suitable for mounting on a work table.
3. Hand assembly will be judged with reference to:
 - Components mounted with 0.5mm spacing for stress relief where the component does not built in spacers.
 - Soldered Joints will be either straight lead mounted or half clinched mounted; your choice.
 - Component leads are trimmed to a uniform length of 0.5mm minimum to 1.5mm maximum.
 - Solder joints have a consistent amount of solder applied, complete pad and lead coverage.
4. You may want to review the operation of the following IC's in order to assist you during the competition. Data sheets will be provided where necessary.
µA741, LM555, LM7805, LM7905, 74LS14, 74LS74, LM324

National Technical Committee
Al Green

Committee/Judge

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British Columbia

Tom Franks
Keith Bussey
Lionel Ogg

Committee/Judge
Technical Chair
Committee/Judge

Ontario
Newfoundland and Labrador
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