

**PAC mandate:**

To determine the qualifications and experience required for certification in the designated trades;  
To recommend upgrading standards and the endorsement of qualification for people who meet the required standards and;  
To provide input into the content of regulations made or proposed to the trades.

<p><b>Entrepreneurship, Training &amp; Trade</b></p> <p><a href="http://www.gov.mb.ca/tradecareers">www.gov.mb.ca/tradecareers</a></p>	<p><b>RECORD OF DECISIONS</b></p> <p><b>INDUSTRIAL WELDERS</b></p> <p><b>PROVINCIAL ADVISORY COMMITTEE</b></p>
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<p>HELD ON</p>	
<p>DATE:</p> <p>TIME:</p> <p>PLACE:</p>	<p>May 27, 2010</p> <p>9:20 a.m. – 3:35 p.m.</p> <p>1014 – 401 York Avenue Winnipeg Manitoba</p>

<p>Room 1014 - 401 York Avenue Winnipeg MB R3C 0P8</p>	<p>PAC Member Suggestion Box: <a href="mailto:janice.peters@gov.mb.ca">janice.peters@gov.mb.ca</a></p>	<p>Telephone: (204) 945-8857 Facsimile: (204) 948-2539</p>
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**INDUSTRIAL WELDER PAC**

<b>PAC MEMBERS IN ATTENDANCE</b>	<b>EMPLOYER</b>	<b>REPRESENTATION</b>	<b>VOTING STATUS</b>
Linda Cwiak	Arcweld Industries Inc.	Chair	Non-voting
Norman Cetkovski	Canadian Welding Bureau	EE	V
Ted Stark	Boilermakers Local 555	EE	V
Kerry McNabb	Vale Inco	ER	V

<b>REGRETS/ABSENT</b>	<b>EMPLOYER</b>	<b>REPRESENTATION</b>	<b>VOTING STATUS</b>
Wolfgang Rolke	Shopost Iron Works Ltd.	Vice-Chair , ER	V

**GUESTS**

**STAFF**

Steven Larouque, ATC

Catherine Koch , PDC

Janice Peters, PAC Administrative Assistant

# Apprenticeship Manitoba

Agenda Item #	Notes	Decisions/ Actions/ Motions	Status: Bring Fwd./Open/ Closed.
13.1 Call to order	The Chair called the meeting to order at 9:20 a.m. The members introduced themselves to the new PAC member Kerry McNabb.		Closed.
13.2 Approval of Agenda	The committee motioned to approved the agenda with the following amendment/addition: <ul style="list-style-type: none"> <li>Curriculum review</li> </ul>	<p><b>MOTION:</b> To approve the agenda as written.</p> <p><b>M:</b> Ted Stark <b>S:</b> Norman Cetkovski <b>Carried.</b></p>	Closed.
13.3 Approve the April 09, 2010 Records of Decisions		<p><b>MOTION:</b> To approve the April 09, 2010 Record of Record of Decisions as written.</p> <p><b>M:</b> Norm Cetkovski <b>S:</b> Ted Stark <b>Carried.</b></p>	Closed.
<p>13.4 Program Standards:</p> <p>.1 Catherine Koch, PDC</p> <p>Research requirements for practical exam (structural and pressure)</p>	<p>Linda (Chair) provided the PAC historical overview to the new PAC member. She advised the following:</p> <ul style="list-style-type: none"> <li>The PAC updated the current curriculum three years ago</li> <li>The committee is creating a new pressure exam and structural exam</li> <li>The exams will provide the apprentice with many tickets should they pass the exams</li> <li>The PAC sought industries suggestions through consultations</li> <li>Explained that the exams are created to provide a continual learning curve</li> </ul> <p>Linda indicated that met with Catherine and Nancy Eller (A/Director of Program Standards Unit) discuss the committees' progress.</p>		Closed.

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	<p>The Chair indicated that the exams must be the licensing standards of Mechanical &amp; Engineering (M &amp; E) Department.</p> <p>Catherine distributed and reviewed the following documents to the PAC:</p> <ul style="list-style-type: none"> <li>• ASME Survey</li> <li>• Industry Consultation Overview</li> <li>• Structural Practical Exam Chart</li> <li>• Manitoba Welder Practical Structural Level 1,2 and 3 Examination</li> <li>• Structural Practical Exam</li> <li>• Welder Apprenticeship Curriculum Level Chart</li> </ul> <p>The committee discussed the following:</p> <ul style="list-style-type: none"> <li>• Whether stick/flux core should be included in each level</li> <li>• Ensure the level charts and exam charts are parallel</li> <li>• Include all types of welding in the exam</li> <li>• Address the use of TIG/GMAW process in welding</li> <li>• The Trade Qualification process</li> <li>• The length of the exam</li> <li>• The benefit of the Red Seal and its effect on the Manitoba welding industry</li> </ul> <p>Catherine advised a meeting would be established between the Mechanical and Engineering Branch and Apprenticeship Manitoba to review license requirements.</p> <p>Frank Roberts from F. A. Roberts and Associates Ltd was contacted by teleconference to provide his technical expertise. He and the committee discussed the use and future need of TIG welding in the industry and various welding positions for the practical exam. The committee discussed the complexity of the exam. The PAC focused on</p>		

# Apprenticeship Manitoba

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	<p>creating exams that would provide the successful apprentice and trade qualifier with the opportunity to obtain various welding tickets and licensing through out the levels (according to ASME &amp; CSA standards). The committee created a draft exam table and requested the table be recorded in today's record of decision for future reference. The PAC advised the table would be finalized at a later time. <b>See Appendix A &amp; B.</b></p> <p>The committee concluded:</p> <ul style="list-style-type: none"> <li>• A full day for an apprentice to complete the structural exam</li> <li>• A half day for an apprentice to complete the pressure exam</li> </ul>	<p><b><u>ACTION:</u></b> Norm will contact ASME and seek permission to use diagrams in the exam.</p>	<p><b>Bring Fwd.</b></p>
<p><b>13.5 Continuing Business/Reports:</b></p>			<p><b>Closed.</b></p>
<p><b>13.6 New Business:</b></p>	<p>There was no new business.</p>		<p><b>Closed.</b></p>
<p><b>13.7 Next Meeting/Future agenda items:</b></p>	<p>The next meeting:</p> <ul style="list-style-type: none"> <li>• Teleconference meeting date to be announced</li> <li>• PAC meeting date to be announced</li> </ul> <p>Future items:</p> <ul style="list-style-type: none"> <li>• Approve the May 27 2010 Record of Decisions by teleconference</li> <li>• Discuss double major option at next PAC meeting</li> <li>• Discuss Pilot of Practical Exam – Steven Larocque at next PAC meeting</li> <li>• Curriculum review</li> </ul>		<p><b>Bring Fwd.</b></p>
<p><b>13.8 Adjournment</b></p>	<p>Meeting adjourned at 3:35 p.m.</p>	<p><b><u>MOTION:</u></b> Motion to adjourn.</p> <p><b>M:</b> Ted Stark <b>S:</b> Norman Cetkovski <b>Carried.</b></p>	<p><b>Closed.</b></p>

## Structural Exam

LEVELS	CUTTING	SMAW (F4 ELECTRODE)	FCAW/MCAW	GMAW
LEVEL ONE	MANDATORY (TQ)	FLAT (TQ)	FLAT (TQ)	FLAT (TQ)
LEVEL TWO		HORIZONTAL (TQ)	HORIZONTAL (TQ)	HORIZONTAL (TQ)
LEVEL THREE OPTION A OR B		OVERHEAD VERTICAL  (A) (TQ)	VERTICAL OVER HEAD (B) (TQ)	

## Pressure Exam (TQ requirements for the Pressure Exam subject to revision)

LEVELS	CUTTING	SMAW (F3/F4 ELECTRODE)	GMAW OR FCAW OR GTAW
LEVEL ONE (PLATE OR PIPE)	MANDATORY (TQ)	FLAT (TQ)	FLAT (TQ)
LEVEL TWO (PLATE OR PIPE)		HORIZONTAL (TQ)	HORIZONTAL (TQ)
LEVEL THREE OPTION A OR B		6G (PIPE) ALL POSITION OR 4G (PLATE) OVERHEAD (A)  (TQ)	4G (PLATE) OVERHEAD (B)  (TQ)