

A Word From The President

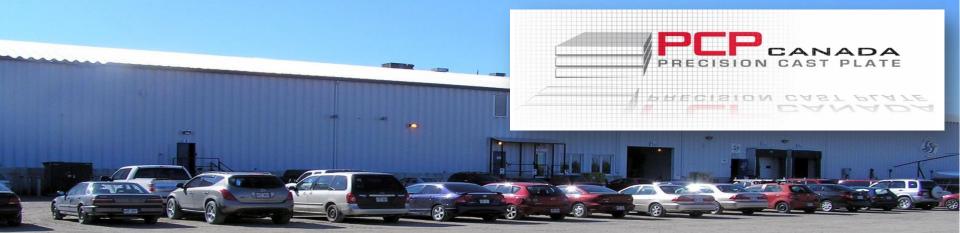
About Us



PCP-Canada is totally committed to the production of cast plate. Our privileged access to a premium DC cast aluminum source is guaranteeing you get a world class alloy made of prime aluminum without contamination from recycling.

Our genes are ingrained with the DNA of the former Pechiney Cast Plate Facility. From a sound knowledge base, our goal was to continue to supply our customers, not only with unsurpassed quality, but with unsurpassed lead time.

Our performance on these two fronts speak for themselves.



Our Business is Customized Precision Cast Plate

PCP Canada is specialized in the transformation of cast aluminum.

Our cast plates and blocks: ALCA 5[®] (AA5083) MAX 5[®] (AA5083) ALCA MAX[®] (AA2618) BUSPLATE[®] (AA1370)

Our products are primarily used in the sector of industrial fabrication, plastic extruders, precision machining, etc.

Saguenay Québec Canada



PCP Canada Profile

PCP Canada is a world class company engaged in the manufacturing of aluminum precision cast plates and cast molding blocks.

Our high quality products meet the highest market standards. Mainly used in the manufacturing industry, automotive, marine and plastics, the dimensional accuracy and stability of our unique products will facilitate the achievement of your machining projects while minimizing the additional operations such as slitting, milling, roughing and treatments commonly used in your everyday applications.

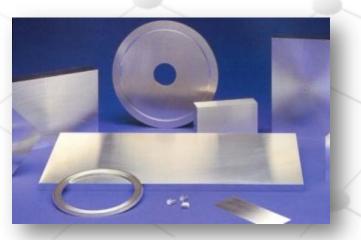


Products designed to customer's requirements!



PCP Canada Profile

Industries are choosing PCP-Canada cast plate for applications in which flatness, machineability, and dimensional stability are absolutely critical. The level of product quality we maintain is the result of advanced metallurgy combined with the state of the art equipment and production techniques, as well as unsurpassed attention to details.



Auto and truck part Blow molds **Compression molds** Disk drive bases Drill jigs **Electronics** Foundry patterns **Injection molds Inspection gauges Machining fixtures** Machine tools Mounting plates **Packaging Components** Spinning forms **Templates** Vacuum chucks

APPLICATIONS



MAX 5[®] AA5083

- Known for exceptional performance in extreme environments.
- Highly resistant to attack by both seawater and industrial chemical environments.
- Retains exceptional strength after welding.
- When welding to itself or another alloy from the same sub-group, the recommended filler metal is 5183. Other suitable fillers are 5356 and 5556.

Property Density		Value 2.65 g/cm3						
Melting Po Modulus of	f Elasticity		570°C 72 GPa					
Electrical F Thermal C Thermal E	onductivity	121 W/m.K	0.058x10-6 25x10-6 /K	Ω.m		MAX5 Specs &	MSDS	
								<u> </u>
SI 0.06	FE 0.31	CU 0.01	MN 0.47	MG 4.44	CR 0.07	ZN < 0.01	TI < 0.01	AL >0.95



Typical fabrication response AA5083 alloy

Process

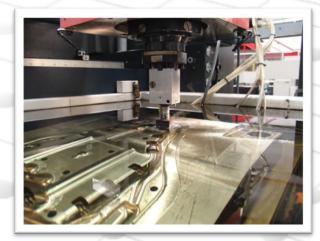
- 1. Workability Cold
- 2. Machinability
- 3. Weldability Gas
- 4. Weldability Arc
- 5. Weldability Resistance
- 6. Corrosion resistance Excellent
- 7. Dimensional stability
- 8. Hard Anodization
- 9. Dry powder painting

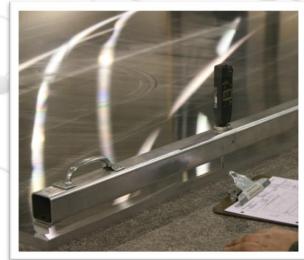
Rating

Average Excellent

Average Excellent Excellent

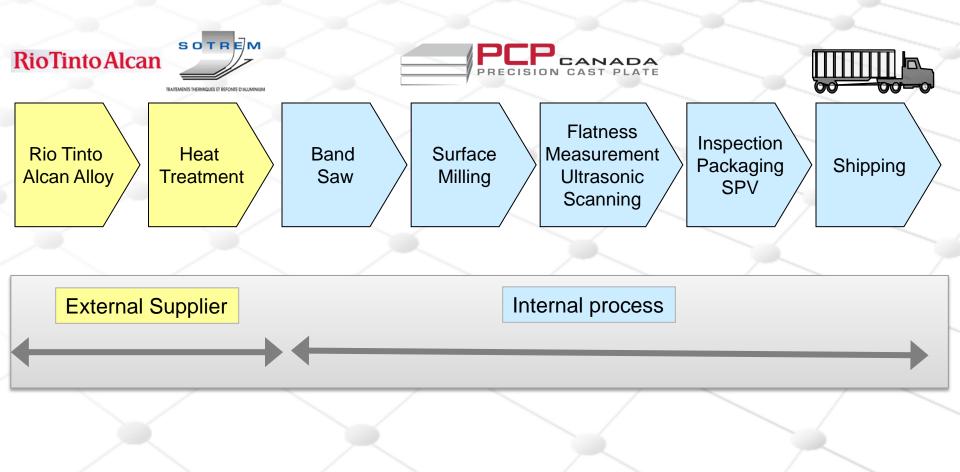
Excellent Excellent Excellent





Supply Value Chain

ALCA 5[®] MAX 5[®]





PCP Canada Technology – Base Material

- MAX 5 is made with roll slab aluminum supplied by Rio Tinto Alcan.
- Rio Tinto Alcan Facilities are located in 15 miles radius vicinity of PCP-Canada with 1 million tons of annual capacity.
- Two 200K tons/y facilities Laterrière and Grande-Baie - are supplying the certified slabs.
- The AA5083 slabs are made of prime metal AA1370 with no external recycling. They recycle only scraps coming from their own slabs.
- The slab batch metal is filtered, degassed, grain refined and UT inspected.







Quality Assurance





Full traceability is maintained throughout the fabrication process. Mechanical properties such as tensile strength, yield strength, Brinell hardness, flatness and roughness are recorded through a comprehensive QA program.

PCP Management and its employees are committed to care for its customers. Products and quality services will be delivered on time at a competitive price.

Each employee contributes and is accountable for the quality of his work. Therefore, PCP management will consult with, involve and train all employees. PCP Canada will provide the tools and expertise to maintain and improve the quality of its products and services.



Traceability





Services





Just on Time Shipping is our Business



Special packaging on request. Special shipping for tight schedule project.

ISO and RoSH compliances

Certificate of	Registration
This is to cert Quality Managem	
PCP Ca	nada
905 de l' inr	
La Baie, Québe	
Cana	
has been assessed and found com	iplying with the requirements of
ISO 9001	1:2008
Approval is hereby granted fo Certification rules and condition	
Certification Scope:	
Manufacture of aluminum plate and block and milling.	using precision methods of sawing
Certificate Number: 0802004	
Issue Date: 24-Mar-2011	Audit Date: 7-Mar-2011
Original Registration Date: 25-Mar-2008	Expiration Date: 23-Mar-2014
10 1211-10	

On Behalf of: **Management Certification NA**

TWH Group Ventures dba Management Certification of North America and This certificate is non-transferable and remains the property of M

1188 Sherbrooke Street West Montreal (QC) H3A 3G2 Canada DATE: 2008-08-27

RioTintoAlcan

RE: Compliance to European Union RoHS Directive 2002/95/EC

RioTintoAlcan Laterrière Works Manufacturer/Supplier Name:

Address: 6301 boul. Talbot, Laterrière, Québec, G7N 1A2, Canada

Material description: Aluminum Alloys

We certify that lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyl and polybrominated diphenyl ether are not intentionally introduced into our alloys. The level of residual elements found in our alloys is in accordance with the directive RoHS 2002/95/EC.

Sincerely,

Robert Hark 1

Technical Services Manager

Metal Management, Sales & Marketing - Rio Tinto Alcan Primary Metal 1188 Sherbrooke Street West Montreal, Quebec, H3A 3G2 Tel: 514-848-8289

Partner's Network



RioTintoAlcan

CRRC · NRC Centre des technologies de l'aluminium





CANMEC

COUDESAC

Université du Outbec à Chicoutimi

PCP-Canada has built a team of highly competent and experienced people. We support our products with an R&D department driven by customers requests.

Sales director, metallurgists, welding engineer, chemical engineers, and technicians are working together to meet your expectations for your next challenging applications.

PCP-Canada's network of technical competence is working on the next generation of base material.