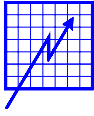


Performance Associates International, Inc.
 10195 N. Oracle Road, Suite 105
 Tucson, AZ 85704
 Phone (520) 544-2220
 Fax (520) 544-2255
 www.perfnet.com

<i>What we offer:</i>	<i>Industries Served:</i>																																	
<p><u>Operations:</u></p> <ul style="list-style-type: none"> • Process Plant Operating Manuals • Mobile Equipment Operating Manuals • Training Program Development • On-Site Operator Training Instruction • Computer-Based, Multimedia Training • Operations Surveys and Audits • Plant Commissioning and Start-Up • Quality Management and Statistical Process Control • Training Needs Analyses • Start-Up Planning Studies <p><u>Maintenance:</u></p> <ul style="list-style-type: none"> • Mine and Plant Preventive Maintenance • Computerized Maintenance Management System • Mine and Plant Maintenance Manuals • Equipment Training Modules • On-Site Maintenance Training Instruction • Surveys and Audits • Systems Implementation and Consulting <p><u>Engineering:</u></p> <ul style="list-style-type: none"> • Productive Capacity Studies • Feasibility Studies • Economic Life Analysis • Debottlenecking and Process Optimization • Process Control Strategies and Methods <p><u>Materials Management:</u></p> <ul style="list-style-type: none"> • Surveys and Audits • Parts Inventory Optimization • Development of Spare Parts Inventory Models • Consulting Assistance • Start-Up Spare Parts Requirement Analyses 	<ul style="list-style-type: none"> • Aluminum/Alumina • Cement • Coal • Copper and Molybdenum • Diamonds • Forest Products • Gold, Silver, Platinum, and Palladium • Industrial Gases • Industrial Minerals • Iron and Steel • Lead and Zinc • Nickel and Cobalt • Oil Sands • Other Chemical Processes • Power Generation • Radioactive and Toxic Waste Treatment 																																	
	<p><i>World-Wide Experience:</i></p> <table border="0"> <tr> <td>• Argentina</td> <td>• New Caledonia</td> </tr> <tr> <td>• Australia</td> <td>• Papua New Guinea</td> </tr> <tr> <td>• Bolivia</td> <td>• Peru</td> </tr> <tr> <td>• Brazil</td> <td>• Portugal</td> </tr> <tr> <td>• Canada</td> <td>• Sierra Leone</td> </tr> <tr> <td>• Chile</td> <td>• South Africa</td> </tr> <tr> <td>• Colombia</td> <td>• Spain</td> </tr> <tr> <td>• Ghana</td> <td>• Switzerland</td> </tr> <tr> <td>• Guatemala</td> <td>• Sweden</td> </tr> <tr> <td>• Guinea</td> <td>• Tanzania</td> </tr> <tr> <td>• Indonesia</td> <td>• Trinidad/Tobago</td> </tr> <tr> <td>• Ireland</td> <td>• USA</td> </tr> <tr> <td>• Japan</td> <td>• Uganda</td> </tr> <tr> <td>• Mali</td> <td>• Venezuela</td> </tr> <tr> <td>• Mexico</td> <td>• Zambia</td> </tr> <tr> <td>• Mongolia</td> <td></td> </tr> </table>		• Argentina	• New Caledonia	• Australia	• Papua New Guinea	• Bolivia	• Peru	• Brazil	• Portugal	• Canada	• Sierra Leone	• Chile	• South Africa	• Colombia	• Spain	• Ghana	• Switzerland	• Guatemala	• Sweden	• Guinea	• Tanzania	• Indonesia	• Trinidad/Tobago	• Ireland	• USA	• Japan	• Uganda	• Mali	• Venezuela	• Mexico	• Zambia	• Mongolia	
• Argentina	• New Caledonia																																	
• Australia	• Papua New Guinea																																	
• Bolivia	• Peru																																	
• Brazil	• Portugal																																	
• Canada	• Sierra Leone																																	
• Chile	• South Africa																																	
• Colombia	• Spain																																	
• Ghana	• Switzerland																																	
• Guatemala	• Sweden																																	
• Guinea	• Tanzania																																	
• Indonesia	• Trinidad/Tobago																																	
• Ireland	• USA																																	
• Japan	• Uganda																																	
• Mali	• Venezuela																																	
• Mexico	• Zambia																																	
• Mongolia																																		



Performance Associates International, Inc.
10195 N. Oracle Road, Suite 105
Tucson, AZ 85704
Phone (520) 544-2220
Fax (520) 544-2255
www.perfnet.com

TECHNICAL, DOCUMENTATION, AND TRAINING EXPERIENCE

- Absorption and Packed Towers
 - Agglomeration
 - Autoclaves (Pressure Oxidation and Pressure Leaching)
 - Briquetting
 - Bayer Alumina Refining Process
 - Blowers and Compressors
 - Boilers and Steam Generation
 - Carbon-in-Pulp/Carbon-in-Leach Gold Recovery
 - Catalyst Bed Towers
 - Counter Current Decantation
 - Crushing
 - Direct Reduction
 - Electric Furnace Smelting and Slag Cleaning
 - Electrolytic Refining and Electrowinning
 - Filters
 - Flotation
 - Fluid Bed Reactors
 - Furnaces (Electric, Induction, Flash, and Plasma)
 - Gravity Separation
 - Grinding (SAG/Ball/Rod Mills, Verti Mills, Air-Swept Mills)
 - Heap Leaching (Gold and Copper)
 - Heat Recovery
 - Heavy Media Separation
 - Kilns and Dryers
 - Magnetic Separation
 - Merrill-Crowe Gold Recovery
 - Off-Gas Handling and Pollution Controls
 - Open Pit Mining
 - Oriented Strand Board Production and Processes
 - Oxygen Production
 - Pellet Plants
 - Plywood Production and Processes
 - Power Generation
 - Pyrometallurgical Operations and Smelting
 - Reforming
 - Reverse Osmosis
 - Roasting
 - Size Classifiers
 - Slurry Pipelines
 - Solvent Extraction (Copper, Nickel, and Cobalt)
 - Stripping Towers
 - Sulfuric Acid Production
 - Toxic Waste Treatment
 - Turbines and Turbine Generators
 - Underground Mining
-