



***SOLUTIONS PMG*** *Inc.*  
**PROJECT MANAGEMENT GROUP**

**We Offer Engineering Services and Innovative Technology  
Designed to Improve Efficiency of your Aggregate or Concrete Facility**

**Areas of Expertise Include:**

- **Concrete Batching Plants**
- **Admixture Preparation Units**
- **Aggregate Screening Systems**
- **Aggregate Conveying Systems**
- **Cement Silos & Conveying Systems**
- **Dust Collectors**
- **Concrete Pipe Plants**

*Solutions PMG* is a process design and project management company focused on providing industry with a single source for innovative technology and manufacturing process solutions.

The core component of *Solutions PMG* is comprised of a team of senior engineers and technical administrators. We employ a unique strategy of bringing together industry leading manufacturers with experienced engineering associates, to design and implement new technology. This integrated structure will enable clients with limited engineering and manufacturing resources, the ability to enhance their process management and improve their productivity, safety and profitability.

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## BENEFITS OF OUR EXPERTISE

*Solutions PMG* is the designer and supplier of innovative batching plants and material handling systems for the aggregate, concrete and cement industries. We are well aware of the challenges facing processors and producers in today's competitive market. We fully understand the importance of maintaining full capacity production, providing quality products and a safe environment for their employees. We can offer a complete package including design, procurement and installation tailored specifically to your requirements or modifications and upgrades to existing lines and equipment.

## SERVICES PROVIDED

- Engineering Services
- Project Management
- Procurement of Equipment & Systems
- Quality Assurance
- Single Source Provider From Conception

Completion

**The Benefits of our services are clear:**

- ✓ Reduced Project Time & Cost
- ✓ Improved Process and Quality
- ✓ Minimize Production Downtime

## ENGINEERING SERVICES

- *Solutions PMG* offers a single source for process design including machinery, structural, electrical and mechanical engineering
- All drawings are prepared with the latest version of Autocad , with 3-D modeling capability
- Member of the Association of Professional Engineers of Ontario
- Provide PSR's in accordance with current legislation



## PROJECT MANAGEMENT

- Define the project parameters
- Generate feasibility studies to support project parameters
- Develop plant and process conceptual design
- Prepare budget estimates for project
- Prepare project scheduling to minimize downtime
- Obtain required approvals, licenses and permits
- Prepare, issue and review tenders, quotations and contracts

## PROCUREMENT & MANUFACTURING OF EQUIPMENT & SYSTEMS

- Source, pre-qualify and select subcontractors to ensure their expertise matches the specific requirements of the project
- Audit subcontractor's quality control programs to ensure equipment and installation will meet or exceed project specifications
- Monitor subcontractor's production schedule to confirm delivery dates will be achieved



## QUALITY ASSURANCE / QUALITY SURVEILLANCE

- Ready access to a professional project management team to ensure that planning, scheduling and the implementation of tasks is performed with the highest of standards
- Access to a pre-qualified group of high quality manufacturing facilities
- Comprehensive procedures to ensure dimensional and quality conformance
- Solutions PMG Inc. has project managers with extensive in-plant / on-site expertise

# Aggregates & Concrete Division



*Solutions PMG* is committed to delivering the highest quality equipment and design solutions at the most competitive prices.

<u>Admixture Preparation &amp; Batching Units</u>	<u>Machinery Design &amp; Supply</u>
<ul style="list-style-type: none"> <li>• Dust collectors</li> <li>• Aeration diffusers</li> <li>• Emergency ladder</li> <li>• Pneumatic filling pipe</li> <li>• Top mounted manhole</li> <li>• Optional metal cladding</li> <li>• Water circulation &amp; cleaning</li> <li>• Outside ladder &amp; rest platform</li> <li>• Water admixture scale &amp; hopper</li> <li>• Filling level indicator &amp; monitoring</li> <li>• Pressure relief control instrumentation</li> <li>• Pneumatically operated butterfly valves</li> <li>• Aggregates loading hopper lined with changeable wear resistance plates</li> </ul>	<ul style="list-style-type: none"> <li>• Aggregates in-feed hopper</li> <li>• Aggregates weigh hopper</li> <li>• Aggregates hopper grizzly</li> <li>• Pneumatic hopper gates</li> <li>• Emergency gate valves</li> <li>• Weigh belt conveyor</li> <li>• Aggregates belt conveyor</li> <li>• Cement silos</li> <li>• Silo support structure</li> <li>• Cement weigh batcher</li> <li>• Dust collection system</li> <li>• Dust return system</li> <li>• Control room, PLC system</li> <li>• Compressed air supply</li> </ul>

### Aggregates Storage Hoppers

- 30-200 tons capacity
- 2-4 pneumatic controlled gates
- Manual maintenance gate valve
- Aggregates distribution grizzlies
- Wear resistant steel plates and reinforced structure



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