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## Letter of Engagement

October 30, 2020

To whom it may concern:

As the owner and President of TASH Industrial Design Inc. I would like to inform you that I have agreed to act as in-house design and engineering consultant for HiPoint as I not only see the validity of the project but also its timeliness in fulfilling a need. TASH has been in business for 40 years now with an extensive background in designing and developing everything from stand-alone machines to full-blown production plants complete with full automation and controls. Industry sectors such as mining, heavy industrial (concrete, lumber, minerals, etc), environmental, food-processing, medical, automotive, oil and gas, agriculture, etc., are just a few of the industries served throughout its existence. TASH touts its uniqueness through its broad support of industry through its ability to take projects from concept through the full manufacturing process as it owns a manufacturing facility capable of designing and developing in steel, wood, plastics, etc.

The value added to HiPoint by TASH is its broad and extensive background in solution-finding for a myriad of companies ranging in size from small to multi-national, multi-billion-dollar corporations. Although TASH has specialized in designing and building solutions to identified problems, it also relies on sub-contractors who have specialized in various processes to supply individual solutions as needed. As such, TASH will review and oversee all aspects of the design and production of HiPoint's plants related to horse bedding recycling and reclamation. Since TASH has designed and been involved with everything from chemical analysis to efficiency models and from material handling to environmental emissions, it is positioned to greatly aid HiPoint in its development of processing operations including odor management, environmental management and operational maintenance schedules.

Yours Truly,

Herb Larsen  
President: TASH Industrial Design Inc

## HIPOINT Factory maintenance checklist

*Four principles for keeping a factory running like a well-oiled machine.*

A sound maintenance plan is key to keeping a factory up and running, as it helps ensure both maximum productivity and minimal downtime. While there are several ways to approach the development of a maintenance plan, the following guidelines are applicable across the board for a wide range of factory types.

✓ Get organized

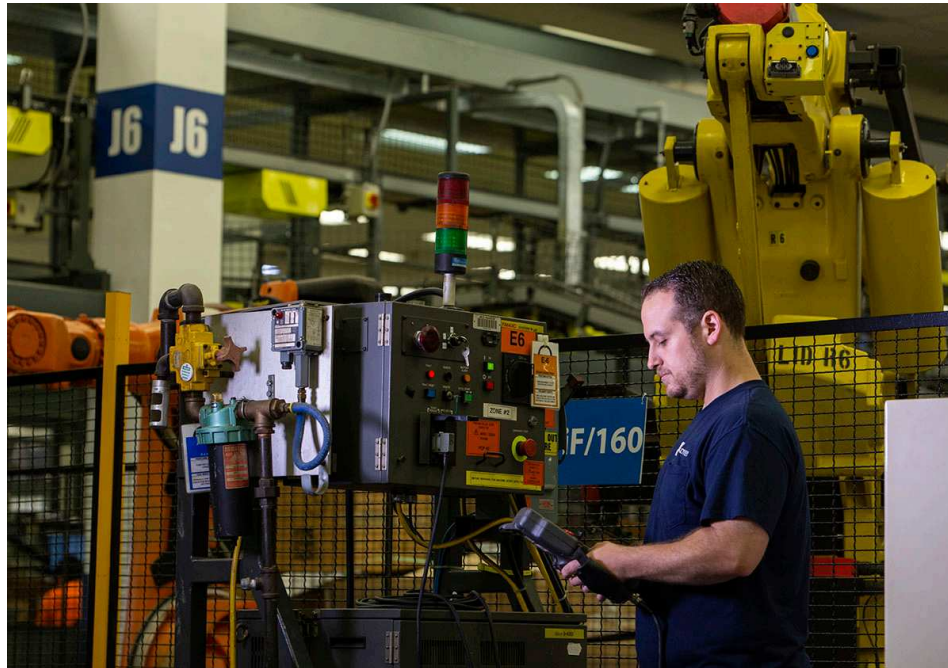
Few factory processes cannot be improved by better organization. Whether the facility is staffed by human workers or robots (or, more likely, some combination of the two), there are some basic organizational guidelines that will help to ensure a smooth workflow. These include:

- Well-defined work areas
- Clearly defined floor paths for moving materials through each manufacturing step
- Tools and equipment placed to minimize the number of separate steps needed
- Scheduled deep cleanings, plus regular cleanings in between
- Localized administrative overview of all processes

✓ Be safe

There is an old saying: “‘Safety first’ died after ‘hurry up’ was born.” Nowhere is the wisdom contained therein more relevant than in a factory setting, where equipment and processes are rife with potential dangers. Some steps to ensure safety include:

- Clear labeling of all safety hazards
- Signage indicating clearance heights, capacity limits and the like
- Personal protective equipment (PPE) stocked and maintained
- Well-defined emergency procedures, practiced through drills and simulations
- Compliance with all applicable workplace regulations



*Figure 1: Whether a facility is staffed by human workers or robots, there are some basic organizational guidelines that will help to ensure a smooth workflow. Source: Radwell International*

✓ Stop trouble before it starts

There is another saying about an ounce of prevention being worth a pound of cure. While preventive maintenance involves an investment of time and other resources, it is almost always a far less pricy proposition than damage control. Measures of preventive maintenance include:

- Up-to-date machine maintenance logs
- Periodic machine inspections
- Analysis of past breakdown data and downtime costs
- Cost-efficient deployment of maintenance teams: Consider making use of in-house personnel for minor repairs, outsourcing for larger issues
- Ready access to repair supplies, replacement parts and the like

✓ Adjust as needed

Times change, and procedures must change along with them. Factories are increasingly characterized by automation, workflow decisions made by artificial intelligence and other aspects of what is commonly referred to as Industry 4.0. Addressing today's needs with yesterday's tools is inefficient at best, not to mention hazardous. Ways to stay current include:

- Periodic review of operations, targeting inefficiencies
- Regular attendance at conferences and trade shows to learn about new options for process improvements
- Updates to cost analyses in light of available new technologies
- Employment of trusted third-party experts who can pinpoint areas for improvement

In sum, there are many aspects to crafting a sound maintenance plan. Bringing all the necessary elements together, however, practically guarantees a yield of significant dividends. A well-run factory, moreover, is a reflection of a well-run company — one that values the very principles that go into the making of a solid plan: organization, safety, forward thinking and a willingness to never stop learning from experience.



**Electronics Maintenance: Tash Industries / Siemens / Allen Bradley Automation North America**

To complete our maintenance – back up plan and automation we chose the best in the industry. Since 1980 Tash design has built commercial and industrial solution for concrete facilities, mills, packaging lines and virtually all sectors of industry. Allen Bradley and Siemen's are recognized leaders in the USA with office across Florida for equipment & back up support and quick delivery of parts. Recognized by local Florida trades as a premium product.

We continue our Maintenance checklist including but not limited to through software iAuditor

These 50 items are broken out in our maintenance manual & 24 point Safety checklists

Training	Lighting	Sound noise level
Environment	Machine Guards	Odor control measurements
Work Process	Electrical	Temporary work structures
Fire Emergency Process	Tools and machinery	Employee Facilities
Means of Exit	Confined spaces	Medical and First aid
Warehouse and Shipping	Housekeeping	PPE
Loading unloading racks	Floor and Wall openings	Material handling and storage
Elevated Devices	Stairs Ladders and Platforms	Hazardous Product / Spills

Machinery	Belts	Flue	Natural Gas lines	Door locks and hinges
Lubricant	Blowers	Ignition switches and sparks	Cooling system	Overhead door chains and mechanics
Torque settings	Compressor	Heat exchanger	Cranks	Gutters
Lines	Air filters	Manifold	Lights bulbs	Outside landscaping and sidewalks
Energy efficiency	Gauges	Safety shut offs	Smoke & Carbon dioxide detectors	Signage
Inspection	Condensate	Air filters	Fire system	Storm water drains
HVAC	Bearings	Carbon filters	Hoses	Dumpsters
Thermostat	Blower motors	Ozone	First aid kits	Water heaters
Condenser	Drains	Back up generator power	Safety signs	Sump and sewage ( as needed)
Wiring	Ductwork	Disel	Safety gear	

- We keep local trades on call.
- We have internal mill right and operators that are trained in maintenance.
- We keep high break items in stock
- We keep key components in stock
- We have manufactures with office and overnight shipment when needed.
- Our automated system is designed to tell the operator what went wrong – stop the flow and track the problem including Fixing protocols.
- Break downs we have a generator back up for 800 AMPS circuit run on diesel.
- We are implementing solar as it become feasible as back up energy redundancy



About

# **TASH Industrial Design Inc.**





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### **WHO IS TASH INDUSTRIAL DESIGN INC.?**

TASH Industrial Design Inc. is a highly innovative mechanical design-engineering firm and manufacturer specializing in heavy industrial automated machinery and equipment. Whether it be a one-of or a full production machine, this award winning company enjoys an impeccable reputation for delivering internationally acclaimed specialized, mechanical equipment. There is no job too small and certainly no job too tall for TASH to undertake with its revolutionary method of efficiently handling concept through turn-key operation. It has integrated, with incredible effectiveness, the merger of brilliant imagination with computer assisted design and engineering resulting in drastically reduced design-to-construction capital investment costs. It has won

### **WHAT FIELD OF INDUSTRY DOES TASH SERVE?**

Since 1980, TASH has impacted the following fields of industry with trend setting equipment and machinery: Concrete related (pre-cast, tile roof, block, dry mix, redimix, etc.), mining, food processing, pulp and paper, vehicle design, winery, medical, consumer products, agriculture, multi-axis computer automation, aggregate processing, steel manufacturing, pulp and paper, golf course construction, etc.

### **WHAT CAN TASH DO FOR YOU?**

In addition to possessing a long list of pre-designed and perfected machinery, TASH has built its reputation on giving companies such as yours the technology and equipment necessary to expand your product line and make you competitive. You present us with a problem, we specialize in giving you a solution. You tell us what you visualize as an end-product, we will design and build the equipment to produce that commodity. You give us the level of automation you require, we will provide the computer hardware and programming necessary to allow you user-friendly semi to fully automatic operation. You ask us to increase the efficiency of your production facility, we evaluate, conceptualize, design, construct, install, debug and train. From supporting cottage industry to designing and constructing multi-million dollar production facilities, we proudly continue to make you competitive.

### **SATISFIED CUSTOMER LIST:**

#### **Multinational Clients Include:**

*Bayer Chemicals*, (West Virginia); *WR Grace*, (Massachusetts); *Mack Concrete*, (Florida); *Barrick Gold*, (Nevada); *Alcan Inc.* (Montreal); *Lafarge*, (Virginia); *Synthetic Industries Corporation*, (Georgia); *Chemical Lime*, (Texas); *Lehigh Cement Co.* (Pennsylvania), *Heidelberg Cement Group*; *Durafiber*, (Tennessee); *Stampcrete International*, (New York); *Kryton International*, (British Columbia); *Propex Fabrics Inc.*, (Georgia); *Team Thiessen* (Nevada), etc.

#### **Domestic Clients Include:**

*Target Products*, *Ocean Construction Supplies*, *Columbia Concrete*, *C-MAX*, *Foundation Equipment*, *Cassiar Mines*, *Valley Rite Mix*, *Columbia Bitulithic*, *Rempel Brothers Redimix*, *Basalite*, *Wood Fibre Pulp*, *Norske Pulp and Paper*, *Canfor*, *White Court Power*, etc.

To View Website go to: [tashengineering.com](http://tashengineering.com)



## Leading in the World of Innovation

- Mining
- Chemical
- Wood and Pulp
- Food Processing
- Concrete Related



Contact Information:  
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# Customers Served by TASH Industrial Design Inc

Include:



Bayer



Norske Skog



GRACE  
Construction Products



PROPEX  
FABRICS



And Many More ...