

Complete Plant Project Worksheet

Date: _____

Customer Information

Customer Name: _____ Preferred Language: _____

Company Contact: _____ Title: _____

Address: _____

City: _____ State: _____ Zip: _____

Country: _____

Phone: _____ Email: _____

Website: _____

Place of Installation: _____

Project Objective

Plant Conditions

Metal Poured: Aluminum Copper Ferrous
 Other

Molding Machines: Number of Machines Fed by Muller:
1: Mold Size: x x /
Molds per hour (max):
2: Mold Size: x x /
Molds per hour (max):
Sand Temp at Muller °F °C

Existing Machines:	Serial Number	Keep	Replace	Add
Muller:		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Controller:		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bond Dosing:		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Number of Additives				

Optional: Remote HMI
Distribution: Number of Hoppers

RETURN TO: SIMPSON

751 Shoreline Drive, Aurora, IL 60504-6194

Or email: sales.us@simpsongroup.com or your local representative

Thomas-Eißer-Str. 86

D - 53879 Euskirchen

email: sales.de@simpsongroup.com

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Used sand qualities after Shake-Out

Sand temperature: _____ C F

Moisture: _____ %

Grain size: _____

Bulk density: _____

Flow rate constant

Yes No Please describe Peak flow rates _____

Use of chill iron: _____

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Plant equipment

Dimensions of the sand plant (length x width x height): _____

Roof extensions, pits, placement outside possible

Motor voltage and frequency: _____

Ambient temperature max-min: _____ C F

Interfaces sand plant: _____

Plant elevation (over sea level): _____ Meters Feet

How many overbelt magnets (typical 2): 0 1 2 3

Magnetic drum in front of the bucket elevator Yes No

NE-separator Yes No

Divert partial flow, for separating small foreign parts?: _____

Mesh size polygonal screen typical 12 x 12mm: _____

Binder dosing in the cooler Yes No

Bypass cooler Yes No

Desired swelling time (typically 1.5 to 2 hours depending on bentonite type): _____

Waste sand in hopper or truck Yes No or without sand discharge?

Bond dosing number of additives (data sheet of the additives): _____

Dosing quantity of the additives: _____

Day hopper or 50m silos for binder: _____

What type of mixer

Mix-Muller Speedmullor Multi Mull

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Plant equipment

Pre-mixing of Sand additives desired? _____

New sand dosing via mixer hopper or pneumatic conveyor (90MK2-5): _____

Conveyor aerator in the prepared sand (Typically Yes): _____

Drawings molding plant and hall available: _____

Existing machines Take over List with performance data (Conveyor belts, hoppers, shake out, Dust exhaust system or bucket elevator): _____

Desired delivery date: _____

Special requirements: _____
