Project Definition Information Sheet (Steel Casting)

The objective of our MAGMAproject is to help you solve your casting defects issues, optimize your casting process and find a robust solution that fits to your needs. Using MAGMASOFT® & the related modules, we are going well beyond solidification modeling. We can compile and document step-by-step improvements and potential solutions - from a simple solidification simulation, to a full factorial design of experiments (DoE) or an autonomous optimization of your casting process using our well proven MAGMA APPROACH.

Please provide the following information and we will contact you shortly prior to starting the project to confirm these parameters.

Contact Name:	
Company Name:	
Contact Number:	
Email address:	
Why are you interested to sign up our engineering services (MAGMAproject)?	
What casting problems are you facing now?	

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Part 1: Please provide your CAD files

The CAD files should be in .stl / .stp format for each component (part, mold, tempering channel, runner, shot chamber, plunger/etc) respectively and use the common coordinate system when you export from an assembly model. Please provide the as cast model but if it is not available, please provide the machined model.

Part 2: Please provide your process parameters

Part material:	
Mold material:	
Pouring temperature (ºC):	
Pouring time (sec):	
Pouring method:	
Shake out time (sec):	

Additional important information that you would like to share with us:

Please email the completed form and CAD file to project@magmasoft.com.sg / call us +65 6564 3435 if you required assistance. You may also send us your casting results, pictures of casting defects, microstructure or other technical information that you think might be helpful to kick start the project.

You may use MAGMA's upload/download tool for big file size upload thru our website (customer support section): https://www.magmasoft.com.sg/en/support/intro/

Note that you would need to register an account before you could access to the feature: https://www.magmasoft.com.sg/en/support/registration/

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