**Laboratory Submittal Form**

|  |  |  |  |
| --- | --- | --- | --- |
| Company |  | Contact |  |
| Billing Address |  |
| Shipping Address (if different from billing) |  |
| Phone No. |  | E-mail |  |
| A/P Contact |  | Phone No. |  |
| Payment Method  | P.O. No. |  | Credit Card [ ]  |
| Material/Condition |  |
| Specification(s) |  |
| Part No. |  | Sample No. |  | Lot [ ]  FCE [ ]  Job [ ]  No. |  |
| Size(s) |  | Heat [ ]  Coil [ ]  No. |  |
| Reference Info. |  | Cast [ ]  Heat [ ]  Date |  |

***Services Requested***

***Mechanical:***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Tensile Test: | [ ]  Machined  | [ ]  Full Size  | [ ]  Proof Load  | [ ]  Wedge  |  |
| Hardness: | [ ]  Rockwell  | [ ]  Brinell  | Microhardness: | [ ]  Knoop  | [ ]  Vickers  |
| [ ]  Charpy V-Notch Test  | Temp (Required) | [ ]  °F [ ]  °C  | Minimum Energy | [ ]  ft. lb. [ ]  J  |
| [ ]  Bend Test  | [ ]  Compression | [ ]  Shear  | [ ]  Flaring  | [ ]  Flattening  |  |

***Chemistry/Corrosion:***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Composition: | [ ]  OES  | [ ]  XRF  | [ ]  EDS  |  |  |
| Combustion: | [ ]  C  | [ ]  S  | [ ]  O  | [ ]  N  | [ ]  H  |
| [ ]  Corrosion Testing | Method |  |  |  |  |
| [ ]  Salt Spray (ASTM B117)  | Hours |  | Photos: | [ ]  Yes  | [ ]  No  |

***Metallography/Other:***

|  |  |  |  |
| --- | --- | --- | --- |
| [ ]  Microstructure  | [ ]  Macro Etch  | [ ]  SEM  | [ ]  Case Depth  |
| [ ]  Coating Thickness  | [ ]  Coating Weight  | [ ]  H Embrittlement  | [ ]  Ferrite  |
| [ ]  Grain Size  | [ ]  Failure Analysis (Consultation Required)  |  |
|  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Comments/Special Instructions |  | RushService: | [ ]  72 hr. (25% surcharge) | [ ]  48 hr. (50% surcharge) | [ ]  24 hr.(100% surcharge) |
|  |  |  | Sample Return: | [ ]  Yes  | [ ]  No |  |
|  |  |  | **Unreturned samples will be held on site for no longer than 90 days**  |
|  |  |  | **after completion of testing before being disposed of.** |
| Submitted By: |  |  | Date: |  |  |  |