



## Approved Process Sources D1-4426

### Document D1-4426 - Processes for BE10032791

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| Detail Information for Processor Code number: BE10032791 |                            |
|----------------------------------------------------------|----------------------------|
| Supplier Name: ELEMENT HUNTINGTON BEACH                  |                            |
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\* An acronym in the "Nadcap Commodity" column only indicates that [Nadcap accreditation may be required for this Process Code](#). It does not provide any indication of this company's actual Nadcap accreditation status.

| Process Code         | *Nadcap Commodity   | Limitation Codes | Doc Notes | Nomenclature                                                                                                                                               | Specification Number |
|----------------------|---------------------|------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| <a href="#">003</a>  | <a href="#">AQS</a> | None             |           | Quality Management System (QMS) as defined in D1-4426 Processor Requirements Sec 6.16.3                                                                    | Quality System       |
| <a href="#">801</a>  | <a href="#">MTL</a> | None             | None      | Determination of Hydrogen in Reactive Metals and Reactive Metal Alloys by Inert Gas Fusion with Detection by Thermal Conductivity or Infrared Spectrometry | ASTM-E-1447          |
| <a href="#">802</a>  | <a href="#">MTL</a> | None             | None      | Mechanical Testing - Metallic                                                                                                                              | Mech. Testing        |
| <a href="#">803</a>  | <a href="#">MTL</a> | None             | None      | Metallurgical Testing                                                                                                                                      | Met. Testing         |
| <a href="#">806</a>  | <a href="#">HT</a>  | None             | None      | Temper Inspection of Non-ferrous Alloys (Conductivity Method including BAC 5651)                                                                           | BAC 5946             |
| <a href="#">806A</a> | <a href="#">HT</a>  | None             | None      | Hardness Testing                                                                                                                                           | BAC 5650             |
| <a href="#">806B</a> | <a href="#">HT</a>  | None             | None      | Hardness and Conductivity Inspection of Wrought                                                                                                            | AMS 2658             |

|                      |                     |      |                                                                 |                                                                                                         |                  |
|----------------------|---------------------|------|-----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|------------------|
|                      |                     |      |                                                                 | Aluminum Alloy Parts<br>(Hardness Testing)                                                              |                  |
| <a href="#">806C</a> | <a href="#">HT</a>  | None | None                                                            | Hardness and<br>Conductivity<br>Inspection of Wrought<br>Aluminum Alloy Parts<br>(Conductivity Testing) | AMS 2658         |
| <a href="#">806D</a> | <a href="#">HT</a>  | None | None                                                            | Standard Test<br>Methods for Rockwell<br>Hardness of Metallic<br>Materials                              | ASTM E18         |
| <a href="#">807</a>  | <a href="#">MTL</a> | None | .                                                               | Fracture Toughness<br>Testing                                                                           | ASTM-E-399       |
| <a href="#">808</a>  | <a href="#">WLD</a> | None | Physical<br>testing and<br>metallurgical<br>evaluation<br>only. | Qual/Cert Welders<br>and Weld Operators                                                                 | BAC 5962         |
| <a href="#">810</a>  | <a href="#">CP</a>  | None | None                                                            | Salt Spray Testing                                                                                      | ASTM-B-117       |
| <a href="#">811A</a> | <a href="#">WLD</a> | None | Physical<br>testing and<br>metallurgical<br>evaluation<br>only. | Welder Qualification                                                                                    | AMS-STD-<br>1595 |
| <a href="#">812</a>  | <a href="#">WLD</a> | None | Physical<br>testing and<br>metallurgical<br>evaluation<br>only. | Spec for Fusion<br>Welding for<br>Aerospace<br>Applications for<br>Welder Qualification                 | AWS D17.1        |
| <a href="#">815</a>  | <a href="#">MTL</a> | None | None                                                            | Chord Method for<br>Microhardness Testing                                                               | ARP1820          |