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| Traveler Title | Electron Beam Weld Data |
| Traveler Abstract |  |
| Traveler ID | JLAB-EBW-WELD |
| Traveler Revision  | R1 |
| Traveler Author | John Brawley |
| Traveler Date | 12-Oct-2010 |
| NCR Emails | brawley |
| Approval Names | John Brawley | Phil Mutton | Charles Reece |  |
| Approval Date |  |  |  |  |
| Approval Title | Author | Reviewer | Project Manager |  |

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| References | List and Hyperlink all documents related to this traveler. This includes, but is not limited to: safety (THAs, SOPs, etc), drawings, procedures, and facility related documents. |
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| Revision Note |  |
| R1 | Initial release of this Traveler. |

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| [[PartDescription]] <<COMMENT>> | [[SerialNo\_ID]] <<ID>> |
| [[User]] <<USERNAME>> | [[WeldNo]] <<TEXT>> |
| [[Operator]] <<USERNAME>> | [[Date/Time]] <<TIMESTAMP>> |
| [[Materials]] <<COMMENT>> | [[SurfacePreparation]] <<COMMENT>> |
| [[JointConfiguration]] <<COMMENT>> | [[WeldDescription]] <<COMMENT>> |
|  | [[UploadDrawing]] <<FILEUPLOAD>> |

|  |  |
| --- | --- |
| [[ChamberPressure]] <<TEXT>> | [[GunFilament]] {{250 MA,500 MA}} <<RADIO>> |
| [[LimitingSpacers]] {{None,350 MA,100 MA,50 MA,Small Hole Cathode}} <<RADIO>> |
| [[GunToWorkDistance]] <<TEXT>> | [[FilamentCurrent]] <<TEXT>> |
| [[X-AxisSpeed]] <<TEXT>> | [[BeamVoltage]] <<TEXT>> |
| [[Y-AxisSpeed]] <<TEXT>> | [[BeamCurrent]] <<TEXT>> |
| Rotational Speed: | [[IPM]] <<TEXT>>[[RPM]] <<TEXT>> | [[FocusCurrent]] <<TEXT>> |
| [[Kilojoules\_Inch]] <<TEXT>> | [[FocusConditions]] <<TEXT>> |
| DC Deflection | [[X\_Axis]] <<TEXT>> | [[Y\_Axis]] <<TEXT>> |
| Beam Rotation | [[SpeedReducer]] <<TEXT>> | [[SpeedAdj]] <<TEXT>> |
| (Sin/Cos) | [[X\_Amplitude]] <<TEXT>> | [[Y\_Amplitude]] <<TEXT>> |
| Beam Oscillator | [[Frequency]] <<TEXT>> | [[Function]] <<TEXT>> |
| (Function Generator) | [[X\_Amplitude]] <<TEXT>> | [[Y\_Amplitude]] <<TEXT>> |
| [[RotaryChuck]] {{50:1,10:1,1:1}} <<RADIO>> |
| Chuck Driver | [[Frequency]] <<TEXT>> |  |
|  | [[Amplitude]] <<TEXT>> |  |
| Additional Drawing | [[Drawing]] <<FILEUPLOAD>> |
|  | [[Comment]] <<COMMENT>> |