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Fusion Splicer Calibration Standards

To whom it may concern,

This letter is offered to help clarify the meaning of the term calibration as applied to Fujikura fusion splicers. There is no calibration required for our fusion splicer products or accessories to known standards. Fusion splicers are often mistakenly classified as “test equipment” although they actually perform no testing at all. The feature most often mistaken as needing calibration is the “loss estimation”. The estimated splice loss is based upon a mathematical algorithm calculated from measurements of the optical fiber positioning on the camera system, the estimate is software based and requires no calibration. When splicer products are serviced, the mechanical assemblies are precisely adjusted to manufacturers’ specification and we can provide a certificate of conformity that states that if needed. To ensure proper operation and function there are routine maintenance procedures such as electrode replacement and stabilization, cleaver blade rotation and/or replacement that should be performed at the appropriate intervals. Please feel free to contact me directly if there are additional questions.

Regards,

A handwritten signature in black ink that reads 'Joseph Kennedy'.

Joseph Kennedy

Equipment Service Manager
Splicing and Test Equipment



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