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May 27, 2016

Mr. Shane Bacon
Continental Disc Corporation
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RE: Calculation of the Safety Integrity Levels for the BDI, BDI-FLX and HPX in accordance with the IEC 61508 Series Standards

Dear Mr. Bacon:

Intertek appreciates the continued strategic and collaborative partnership with the Continental Disc Corporation in the evaluation of systems design intended for global applications. Intertek Consulting Services specializes in assisting companies in understanding the governing normative requirements that are required to be integrated into your safe designs.

This report contains the results of numerous hours of engineering research to derive the technical basis for the quantification of the Safety Integrity Level (SIL) for the BDI, BDI-FLX and the identification of a comparable SIL rating for the line of HPX rupture discs. Our engineers have determined that the BDI and BDI-FLX have a conservative calculated probabilistic failure distribution to achieve a SIL rating of 4. The HPX has a conservative probabilistic failure distribution that is on the same order of magnitude to have a comparable SIL rating of 4.

Intertek Consulting Services looks forward to the continued collaboration to assist in addressing the present design challenges for deploying your system in accordance with the Nationally Recognized Testing Laboratory certification process thus getting your product to market sooner.

Best Regards,



Robert J. Steele, PhD., PMP

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