

July 17, 2012

ARCAD INC. - Arc-Flash-Analytic Software - Version 5.0
Certification of Compliance Document

I, Zhi Hu Dai, have carried out an independent evaluation of Arc-Flash-Analytic software version (AFA v5.0) and certify that the AFA v5.0 in my opinion:

1. Conforms to IEEE 1584 *Guide for Performing Arc Flash Hazard Calculations* print ISBN number 0-7381-3351-5. This document can also be located online at <http://ieeexplore.ieee.org/servlet/opac?punumber=8088>
2. Executes an appropriate arc flash analysis based on the IEEE 1584 empirically, theoretically derived models and sound engineering principles
3. Selects appropriate personal protective equipment for use in particular applications
4. Generates arc flash and shock hazard warning labels meeting NEC, CEC code and NFPA 70E, CSA Z462 standard requirements
5. Applies any relevant provisions found in the IEEE 1584 Guide, including arc flash boundary calculations based on 1.2 cal/cm^2 (5 Joules/cm^2) onset incident energy to second degree burn for bare skin exposure, other incident energy levels as well such as the rating of proposed personal protective equipment

The period of the certification is from 17 July 2012 to 16 July 2013 or, until a new version of the software is available or a new IEEE 1584 Standard revision is published.

Zhi Hu Dai, P.Eng.

