

# CERTIFICATE OF COMPLIANCE

**Certificate Number** E321126  
**Report Reference** E321126-2014-11-04  
**Date** 2022-June-24

**Issued to:** TDK (Zhuhai FTZ) Co., Ltd.  
No. 4 Lianfeng Road, Xiangzhou District  
Zhuhai Guangdong 519030 CN

**This is to certify that  
representative samples of**

**SURGE-PROTECTIVE DEVICES - COMPONENT**  
See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

**Standard(s) for Safety:** UL 1449 Standard for Surge Protective Devices  
CSA C22.2 No. 269.5-17 Canadian Standard for Surge Protective Devices – Type 5 - Component

**Additional Information:** See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Recognized Component Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

UL LLC



Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>

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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

(b)(c)(d)75(e)Q(k)P(g), (b)(c)(d)95(e)Q(k)P(g), (b)(c)(d)130(e)Q(k)P(g), (b)(c)(d)140(e)Q(k)P(g), (b)(c)(d)150(e)Q(k)P(g), (b)(c)(d)175(e)Q(k)P(g), (b)(c)(d)180(e)Q(k)P(g), (b)(c)(d)210(e)Q(k)P(g), (b)(c)(d)230(e)Q(k)P(g), (b)(c)(d)250(e)Q(k)P(g), (b)(c)(d)270(e)Q(k)P(g), (b)(c)(d)275(e)Q(k)P(g), (b)(c)(d)300(e)Q(k)P(g), (b)(c)(d)320(e)Q(k)P(g), (b)(c)(d)340(e)Q(k)P(g), (b)(c)(d)350(e)Q(k)P(g), (b)(c)(d)360(e)Q(k)P(g), (b)(c)(d)385(e)Q(k)P(g), (b)(c)(d)400(e)Q(k)P(g), (b)(c)(d)420(e)Q(k)P(g), (b)(c)(d)440(e)Q(k)P(g), (b)(c)(d)460(e)Q(k)P(g), (b)(c)(d)480(e)Q(k)P(g), (b)(c)(d)510(e)Q(k)P(g), (b)(c)(d)550(e)Q(k)P(g), (b)(c)(d)580(e)Q(k)P(g), (b)(c)(d)600(e)Q(k)P(g), (b)(c)(d)680(e)Q(k)P(g), (b)(c)(d)750(e)Q(k)P(g), (b)(c)(d)75(e)Q(k)P(g)(R), (b)(c)(d)175(e)Q(k)P(g)(R), (b)(c)(d)210(e)Q(k)P(g)(R), (b)(c)(d)230(e)Q(k)P(g)(R), (b)(c)(d)250(e)Q(k)P(g)(R), (b)(c)(d)275(e)Q(k)P(g)(R), (b)(c)(d)320(e)Q(k)P(g)(R), (b)(c)(d)385(e)Q(k)P(g)(R), (b)(c)(d)420(e)Q(k)P(g)(R), (b)(c)(d)440(e)Q(k)P(g)(R), (b)(c)(d)460(e)Q(k)P(g)(R), (b)(c)(d)510(e)Q(k)P(g)(R), (b)(c)(d)550(e)Q(k)P(g)(R), (b)(c)(d)600(e)Q(k)P(g)(R), (b)(c)(d)680(e)Q(k)P(g)(R), (b)(c)(d)750(e)Q(k)P(g)(R), (b)(c)(d)75(e)Q(k)L(g), (b)(c)(d)95(e)Q(k)L(g), (b)(c)(d)130(e)Q(k)L(g), (b)(c)(d)140(e)Q(k)L(g), (b)(c)(d)150(e)Q(k)L(g), (b)(c)(d)175(e)Q(k)L(g), (b)(c)(d)180(e)Q(k)L(g), (b)(c)(d)210(e)Q(k)L(g), (b)(c)(d)230(e)Q(k)L(g), (b)(c)(d)250(e)Q(k)L(g), (b)(c)(d)270(e)Q(k)L(g), (b)(c)(d)275(e)Q(k)L(g), (b)(c)(d)300(e)Q(k)L(g), (b)(c)(d)320(e)Q(k)L(g), (b)(c)(d)340(e)Q(k)L(g), (b)(c)(d)350(e)Q(k)L(g), (b)(c)(d)360(e)Q(k)L(g), (b)(c)(d)385(e)Q(k)L(g), (b)(c)(d)400(e)Q(k)L(g), (b)(c)(d)420(e)Q(k)L(g), (b)(c)(d)440(e)Q(k)L(g), (b)(c)(d)460(e)Q(k)L(g), (b)(c)(d)480(e)Q(k)L(g), (b)(c)(d)510(e)Q(k)L(g), (b)(c)(d)550(e)Q(k)L(g), (b)(c)(d)580(e)Q(k)L(g), (b)(c)(d)600(e)Q(k)L(g), (b)(c)(d)680(e)Q(k)L(g), (b)(c)(d)750(e)Q(k)L(g), (b)(c)(d)75(e)Q(k)L(g)(R), (b)(c)(d)175(e)Q(k)L(g)(R), (b)(c)(d)210(e)Q(k)L(g)(R), (b)(c)(d)230(e)Q(k)L(g)(R), (b)(c)(d)250(e)Q(k)L(g)(R), (b)(c)(d)275(e)Q(k)L(g)(R), (b)(c)(d)320(e)Q(k)L(g)(R), (b)(c)(d)385(e)Q(k)L(g)(R), (b)(c)(d)420(e)Q(k)L(g)(R), (b)(c)(d)440(e)Q(k)L(g)(R), (b)(c)(d)460(e)Q(k)L(g)(R), (b)(c)(d)510(e)Q(k)L(g)(R), (b)(c)(d)550(e)Q(k)L(g)(R), (b)(c)(d)600(e)Q(k)L(g)(R), (b)(c)(d)680(e)Q(k)L(g)(R), (b)(c)(d)750(e)Q(k)L(g)(R), (b)(h)(d)75(e)Q(k)(g), (b)(h)(d)95(e)Q(k)(g), (b)(h)(d)130(e)Q(k)(g), (b)(h)(d)140(e)Q(k)(g), (b)(h)(d)150(e)Q(k)(g), (b)(h)(d)175(e)Q(k)(g), (b)(h)(d)180(e)Q(k)(g), (b)(h)(d)210(e)Q(k)(g), (b)(h)(d)230(e)Q(k)(g), (b)(h)(d)250(e)Q(k)(g), (b)(h)(d)270(e)Q(k)(g), (b)(h)(d)275(e)Q(k)(g), (b)(h)(d)300(e)Q(k)(g), (b)(h)(d)320(e)Q(k)(g), (b)(h)(d)340(e)Q(k)(g), (b)(h)(d)350(e)Q(k)(g), (b)(h)(d)360(e)Q(k)(g), (b)(h)(d)385(e)Q(k)(g), (b)(h)(d)400(e)Q(k)(g), (b)(h)(d)420(e)Q(k)(g), (b)(h)(d)440(e)Q(k)(g), (b)(h)(d)460(e)Q(k)(g), (b)(h)(d)480(e)Q(k)(g), (b)(h)(d)510(e)Q(k)(g), (b)(h)(d)550(e)Q(k)(g), (b)(h)(d)580(e)Q(k)(g), (b)(h)(d)600(e)Q(k)(g), (b)(h)(d)680(e)Q(k)(g), (b)(h)(d)750(e)Q(k)(g), (b)(c)(d)75(e)Q(l)P(g), (b)(c)(d)95(e)Q(l)P(g), (b)(c)(d)130(e)Q(l)P(g), (b)(c)(d)140(e)Q(l)P(g), (b)(c)(d)150(e)Q(l)P(g), (b)(c)(d)175(e)Q(l)P(g), (b)(c)(d)180(e)Q(l)P(g), (b)(c)(d)210(e)Q(l)P(g), (b)(c)(d)230(e)Q(l)P(g), (b)(c)(d)250(e)Q(l)P(g), (b)(c)(d)270(e)Q(l)P(g), (b)(c)(d)275(e)Q(l)P(g), (b)(c)(d)300(e)Q(l)P(g), (b)(c)(d)320(e)Q(l)P(g), (b)(c)(d)340(e)Q(l)P(g), (b)(c)(d)350(e)Q(l)P(g), (b)(c)(d)360(e)Q(l)P(g), (b)(c)(d)385(e)Q(l)P(g), (b)(c)(d)400(e)Q(l)P(g), (b)(c)(d)420(e)Q(l)P(g), (b)(c)(d)440(e)Q(l)P(g), (b)(c)(d)460(e)Q(l)P(g), (b)(c)(d)480(e)Q(l)P(g), (b)(c)(d)510(e)Q(l)P(g), (b)(c)(d)550(e)Q(l)P(g), (b)(c)(d)580(e)Q(l)P(g), (b)(c)(d)600(e)Q(l)P(g), (b)(c)(d)680(e)Q(l)P(g), (b)(c)(d)750(e)Q(l)P(g), (b)(c)(d)75(e)Q(l)P(g)(R), (b)(c)(d)175(e)Q(l)P(g)(R), (b)(c)(d)210(e)Q(l)P(g)(R), (b)(c)(d)230(e)Q(l)P(g)(R), (b)(c)(d)250(e)Q(l)P(g)(R),



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(b)(c)(d)275(e)Q(I)P(g)(R), (b)(c)(d)320(e)Q(I)P(g)(R), (b)(c)(d)385(e)Q(I)P(g)(R),  
(b)(c)(d)420(e)Q(I)P(g)(R), (b)(c)(d)440(e)Q(I)P(g)(R), (b)(c)(d)460(e)Q(I)P(g)(R),  
(b)(c)(d)510(e)Q(I)P(g)(R), (b)(c)(d)550(e)Q(I)P(g)(R), (b)(c)(d)600(e)Q(I)P(g)(R),  
(b)(c)(d)680(e)Q(I)P(g)(R), (b)(c)(d)750(e)Q(I)P(g)(R), (b)(c)(d)75(e)Q(I)L(g), (b)(c)(d)95(e)Q(I)L(g),  
(b)(c)(d)130(e)Q(I)L(g), (b)(c)(d)140(e)Q(I)L(g), (b)(c)(d)150(e)Q(I)L(g), (b)(c)(d)175(e)Q(I)L(g),  
(b)(c)(d)180(e)Q(I)L(g), (b)(c)(d)210(e)Q(I)L(g), (b)(c)(d)230(e)Q(I)L(g), (b)(c)(d)250(e)Q(I)L(g),  
(b)(c)(d)270(e)Q(I)L(g), (b)(c)(d)275(e)Q(I)L(g), (b)(c)(d)300(e)Q(I)L(g), (b)(c)(d)320(e)Q(I)L(g),  
(b)(c)(d)340(e)Q(I)L(g), (b)(c)(d)350(e)Q(I)L(g), (b)(c)(d)360(e)Q(I)L(g), (b)(c)(d)385(e)Q(I)L(g),  
(b)(c)(d)400(e)Q(I)L(g), (b)(c)(d)420(e)Q(I)L(g), (b)(c)(d)440(e)Q(I)L(g), (b)(c)(d)460(e)Q(I)L(g),  
(b)(c)(d)480(e)Q(I)L(g), (b)(c)(d)510(e)Q(I)L(g), (b)(c)(d)550(e)Q(I)L(g), (b)(c)(d)580(e)Q(I)L(g),  
(b)(c)(d)600(e)Q(I)L(g), (b)(c)(d)680(e)Q(I)L(g), (b)(c)(d)750(e)Q(I)L(g), (b)(c)(d)75(e)Q(I)L(g)(R),  
(b)(c)(d)175(e)Q(I)L(g)(R), (b)(c)(d)210(e)Q(I)L(g)(R), (b)(c)(d)230(e)Q(I)L(g)(R),  
(b)(c)(d)250(e)Q(I)L(g)(R), (b)(c)(d)275(e)Q(I)L(g)(R), (b)(c)(d)320(e)Q(I)L(g)(R),  
(b)(c)(d)385(e)Q(I)L(g)(R), (b)(c)(d)420(e)Q(I)L(g)(R), (b)(c)(d)440(e)Q(I)L(g)(R),  
(b)(c)(d)460(e)Q(I)L(g)(R), (b)(c)(d)510(e)Q(I)L(g)(R), (b)(c)(d)550(e)Q(I)L(g)(R),  
(b)(c)(d)600(e)Q(I)L(g)(R), (b)(c)(d)680(e)Q(I)L(g)(R), (b)(c)(d)750(e)Q(I)L(g)(R),  
(b)(h)(d)75(e)Q(I)(g), (b)(h)(d)95(e)Q(I)(g), (b)(h)(d)130(e)Q(I)(g), (b)(h)(d)140(e)Q(I)(g),  
(b)(h)(d)150(e)Q(I)(g), (b)(h)(d)175(e)Q(I)(g), (b)(h)(d)180(e)Q(I)(g), (b)(h)(d)210(e)Q(I)(g),  
(b)(h)(d)230(e)Q(I)(g), (b)(h)(d)250(e)Q(I)(g), (b)(h)(d)270(e)Q(I)(g), (b)(h)(d)275(e)Q(I)(g),  
(b)(h)(d)300(e)Q(I)(g), (b)(h)(d)320(e)Q(I)(g), (b)(h)(d)340(e)Q(I)(g), (b)(h)(d)350(e)Q(I)(g),  
(b)(h)(d)360(e)Q(I)(g), (b)(h)(d)385(e)Q(I)(g), (b)(h)(d)400(e)Q(I)(g), (b)(h)(d)420(e)Q(I)(g),  
(b)(h)(d)440(e)Q(I)(g), (b)(h)(d)460(e)Q(I)(g), (b)(h)(d)480(e)Q(I)(g), (b)(h)(d)510(e)Q(I)(g),  
(b)(h)(d)550(e)Q(I)(g), (b)(h)(d)580(e)Q(I)(g), (b)(h)(d)600(e)Q(I)(g), (b)(h)(d)680(e)Q(I)(g),  
(b)(h)(d)750(e)Q(I)(g), (b)(c)(d)75(e)Q(k)(m), (b)(c)(d)95(e)Q(k)(m), (b)(c)(d)130(e)Q(k)(m),  
(b)(c)(d)140(e)Q(k)(m), (b)(c)(d)150(e)Q(k)(m), (b)(c)(d)175(e)Q(k)(m), (b)(c)(d)180(e)Q(k)(m),  
(b)(c)(d)210(e)Q(k)(m), (b)(c)(d)230(e)Q(k)(m), (b)(c)(d)250(e)Q(k)(m), (b)(c)(d)270(e)Q(k)(m),  
(b)(c)(d)275(e)Q(k)(m), (b)(c)(d)300(e)Q(k)(m), (b)(c)(d)320(e)Q(k)(m), (b)(c)(d)340(e)Q(k)(m),  
(b)(c)(d)350(e)Q(k)(m), (b)(c)(d)360(e)Q(k)(m), (b)(c)(d)385(e)Q(k)(m), (b)(c)(d)400(e)Q(k)(m),  
(b)(c)(d)420(e)Q(k)(m), (b)(c)(d)440(e)Q(k)(m), (b)(c)(d)460(e)Q(k)(m), (b)(c)(d)480(e)Q(k)(m),  
(b)(c)(d)510(e)Q(k)(m), (b)(c)(d)550(e)Q(k)(m), (b)(c)(d)580(e)Q(k)(m), (b)(c)(d)600(e)Q(k)(m),  
(b)(c)(d)680(e)Q(k)(m), (b)(c)(d)750(e)Q(k)(m), (b)(c)(d)75(e)Q(k)(m)(R), (b)(c)(d)175(e)Q(k)(m)(R),  
(b)(c)(d)210(e)Q(k)(m)(R), (b)(c)(d)230(e)Q(k)(m)(R), (b)(c)(d)250(e)Q(k)(m)(R),  
(b)(c)(d)275(e)Q(k)(m)(R), (b)(c)(d)320(e)Q(k)(m)(R), (b)(c)(d)385(e)Q(k)(m)(R),  
(b)(c)(d)420(e)Q(k)(m)(R), (b)(c)(d)440(e)Q(k)(m)(R), (b)(c)(d)460(e)Q(k)(m)(R),  
(b)(c)(d)510(e)Q(k)(m)(R), (b)(c)(d)550(e)Q(k)(m)(R), (b)(c)(d)600(e)Q(k)(m)(R),  
(b)(c)(d)680(e)Q(k)(m)(R), (b)(c)(d)750(e)Q(k)(m)(R), (b)(c)(d)75(e)Q(I)(m), (b)(c)(d)95(e)Q(I)(m),  
(b)(c)(d)130(e)Q(I)(m), (b)(c)(d)140(e)Q(I)(m), (b)(c)(d)150(e)Q(I)(m), (b)(c)(d)175(e)Q(I)(m),  
(b)(c)(d)180(e)Q(I)(m), (b)(c)(d)210(e)Q(I)(m), (b)(c)(d)230(e)Q(I)(m), (b)(c)(d)250(e)Q(I)(m),  
(b)(c)(d)270(e)Q(I)(m), (b)(c)(d)275(e)Q(I)(m), (b)(c)(d)300(e)Q(I)(m), (b)(c)(d)320(e)Q(I)(m),  
(b)(c)(d)340(e)Q(I)(m), (b)(c)(d)350(e)Q(I)(m), (b)(c)(d)360(e)Q(I)(m), (b)(c)(d)385(e)Q(I)(m),  
(b)(c)(d)400(e)Q(I)(m), (b)(c)(d)420(e)Q(I)(m), (b)(c)(d)440(e)Q(I)(m), (b)(c)(d)460(e)Q(I)(m),  
(b)(c)(d)480(e)Q(I)(m), (b)(c)(d)510(e)Q(I)(m), (b)(c)(d)550(e)Q(I)(m), (b)(c)(d)580(e)Q(I)(m),  
(b)(c)(d)600(e)Q(I)(m), (b)(c)(d)680(e)Q(I)(m), (b)(c)(d)750(e)Q(I)(m), (b)(c)(d)75(e)Q(I)(m)(R),  
(b)(c)(d)175(e)Q(I)(m)(R), (b)(c)(d)210(e)Q(I)(m)(R), (b)(c)(d)230(e)Q(I)(m)(R),  
(b)(c)(d)250(e)Q(I)(m)(R), (b)(c)(d)275(e)Q(I)(m)(R), (b)(c)(d)320(e)Q(I)(m)(R),  
(b)(c)(d)385(e)Q(I)(m)(R), (b)(c)(d)420(e)Q(I)(m)(R), (b)(c)(d)440(e)Q(I)(m)(R),  
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(b)(c)(d)600(e)Q(l)(m)(R), (b)(c)(d)680(e)Q(l)(m)(R), (b)(c)(d)750(e)Q(l)(m)(R), (b)(i)(d)130(e)(f)P(g),  
(b)(i)(d)150(e)(f)P(g), (b)(i)(d)175(e)(f)P(g), (b)(i)(d)180(e)(f)P(g), (b)(i)(d)230(e)(f)P(g),  
(b)(i)(d)250(e)(f)P(g), (b)(i)(d)275(e)(f)P(g), (b)(i)(d)320(e)(f)P(g), (b)(i)(d)385(e)(f)P(g),  
(b)(i)(d)390(e)(f)P(g), (b)(i)(d)420(e)(f)P(g), (b)(i)(d)440(e)(f)P(g), (b)(i)(d)460(e)(f)P(g),  
(b)(i)(d)550(e)(f)P(g), (b)(i)(d)580(e)(f)P(g), (b)(i)(d)680(e)(f)P(g), (b)(i)(d)130(e)(f)L(g),  
(b)(i)(d)150(e)(f)L(g), (b)(i)(d)175(e)(f)L(g), (b)(i)(d)180(e)(f)L(g), (b)(i)(d)230(e)(f)L(g),  
(b)(i)(d)250(e)(f)L(g), (b)(i)(d)275(e)(f)L(g), (b)(i)(d)320(e)(f)L(g), (b)(i)(d)385(e)(f)L(g),  
(b)(i)(d)390(e)(f)L(g), (b)(i)(d)420(e)(f)L(g), (b)(i)(d)440(e)(f)L(g), (b)(i)(d)460(e)(f)L(g),  
(b)(i)(d)550(e)(f)L(g), (b)(i)(d)580(e)(f)L(g), (b)(i)(d)680(e)(f)L(g), (b)(j)(d)75(e)(f)P(g),  
(b)(j)(d)130(e)(f)P(g), (b)(j)(d)150(e)(f)P(g), (b)(j)(d)230(e)(f)P(g), (b)(j)(d)250(e)(f)P(g),  
(b)(j)(d)275(e)(f)P(g), (b)(j)(d)320(e)(f)P(g), (b)(j)(d)385(e)(f)P(g), (b)(j)(d)420(e)(f)P(g),  
(b)(j)(d)440(e)(f)P(g), (b)(j)(d)460(e)(f)P(g), (b)(j)(d)550(e)(f)P(g), (b)(j)(d)680(e)(f)P(g),  
(b)(j)(d)750(e)(f)P(g), (b)(j)(d)75(e)(f)L(g), (b)(j)(d)130(e)(f)L(g), (b)(j)(d)150(e)(f)L(g),  
(b)(j)(d)230(e)(f)L(g), (b)(j)(d)250(e)(f)L(g), (b)(j)(d)275(e)(f)L(g), (b)(j)(d)320(e)(f)L(g),  
(b)(j)(d)385(e)(f)L(g), (b)(j)(d)420(e)(f)L(g), (b)(j)(d)440(e)(f)L(g), (b)(j)(d)460(e)(f)L(g),  
(b)(j)(d)550(e)(f)L(g), (b)(j)(d)680(e)(f)L(g), (b)(j)(d)750(e)(f)L(g), (b)B32(d)75(e)(f)(g),  
(b)B32(d)130(e)(f)(g), (b)B32(d)150(e)(f)(g), (b)B32(d)230(e)(f)(g), (b)B32(d)250(e)(f)(g),  
(b)B32(d)275(e)(f)(g), (b)B32(d)320(e)(f)(g), (b)B32(d)385(e)(f)(g), (b)B32(d)420(e)(f)(g),  
(b)B32(d)440(e)(f)(g), (b)B32(d)460(e)(f)(g), (b)B32(d)550(e)(f)(g), (b)B32(d)680(e)(f)(g),  
(b)B32(d)750(e)(f)(g), (b)B40(d)75(e)(f)(g), (b)B40(d)130(e)(f)(g), (b)B40(d)150(e)(f)(g),  
(b)B40(d)230(e)(f)(g), (b)B40(d)250(e)(f)(g), (b)B40(d)275(e)(f)(g), (b)B40(d)320(e)(f)(g),  
(b)B40(d)385(e)(f)(g), (b)B40(d)420(e)(f)(g), (b)B40(d)440(e)(f)(g), (b)B40(d)460(e)(f)(g),  
(b)B40(d)550(e)(f)(g), (b)B40(d)680(e)(f)(g), (b)B40(d)750(e)(f)(g), (b)B60(d)75(e)(f)(g),  
(b)B60(d)130(e)(f)(g), (b)B60(d)150(e)(f)(g), (b)B60(d)230(e)(f)(g), (b)B60(d)250(e)(f)(g),  
(b)B60(d)275(e)(f)(g), (b)B60(d)320(e)(f)(g), (b)B60(d)385(e)(f)(g), (b)B60(d)420(e)(f)(g),  
(b)B60(d)440(e)(f)(g), (b)B60(d)460(e)(f)(g), (b)B60(d)550(e)(f)(g), (b)B60(d)680(e)(f)(g),  
(b)B60(d)750(e)(f)(g), (b)B60(d)1000(e)(f)(g), (b)B80(d)130(e)(f)(g), (b)B80(d)150(e)(f)(g),  
(b)B80(d)230(e)(f)(g), (b)B80(d)250(e)(f)(g), (b)B80(d)275(e)(f)(g), (b)B80(d)320(e)(f)(g),  
(b)B80(d)385(e)(f)(g), (b)B80(d)420(e)(f)(g), (b)B80(d)440(e)(f)(g), (b)B80(d)460(e)(f)(g),  
(b)B80(d)550(e)(f)(g), (b)B80(d)680(e)(f)(g), (b)B80(d)750(e)(f)(g), (b)B80(d)1100(e)(f)(g),  
(b)(k)(d)75(e)Q(f)P(g), (b)(k)(d)95(e)Q(f)P(g), (b)(k)(d)115(e)Q(f)P(g), (b)(k)(d)130(e)Q(f)P(g),  
(b)(k)(d)140(e)Q(f)P(g), (b)(k)(d)150(e)Q(f)P(g), (b)(k)(d)230(e)Q(f)P(g), (b)(k)(d)250(e)Q(f)P(g),  
(b)(k)(d)275(e)Q(f)P(g), (b)(k)(d)320(e)Q(f)P(g), (b)(k)(d)340(e)Q(f)P(g), (b)(k)(d)385(e)Q(f)P(g),  
(b)(k)(d)420(e)Q(f)P(g), (b)(k)(d)440(e)Q(f)P(g), (b)(k)(d)460(e)Q(f)P(g), (b)(k)(d)510(e)Q(f)P(g),  
(b)(k)(d)550(e)Q(f)P(g), (b)(k)(d)680(e)Q(f)P(g), (b)(k)(d)750(e)Q(f)P(g), (b)(k)(d)75(e)Q(f)L(g),  
(b)(k)(d)95(e)Q(f)L(g), (b)(k)(d)115(e)Q(f)L(g), (b)(k)(d)130(e)Q(f)L(g), (b)(k)(d)140(e)Q(f)L(g),  
(b)(k)(d)150(e)Q(f)L(g), (b)(k)(d)230(e)Q(f)L(g), (b)(k)(d)250(e)Q(f)L(g), (b)(k)(d)275(e)Q(f)L(g),  
(b)(k)(d)320(e)Q(f)L(g), (b)(k)(d)340(e)Q(f)L(g), (b)(k)(d)385(e)Q(f)L(g), (b)(k)(d)420(e)Q(f)L(g),  
(b)(k)(d)440(e)Q(f)L(g), (b)(k)(d)460(e)Q(f)L(g), (b)(k)(d)510(e)Q(f)L(g), (b)(k)(d)550(e)Q(f)L(g),  
(b)(k)(d)680(e)Q(f)L(g), (b)(k)(d)750(e)Q(f)L(g), (b)(k)(d)75(e)Q(f)(g), (b)(k)(d)95(e)Q(f)(g),  
(b)(k)(d)115(e)Q(f)(g), (b)(k)(d)130(e)Q(f)(g), (b)(k)(d)140(e)Q(f)(g), (b)(k)(d)150(e)Q(f)(g),  
(b)(k)(d)230(e)Q(f)(g), (b)(k)(d)250(e)Q(f)(g), (b)(k)(d)275(e)Q(f)(g), (b)(k)(d)320(e)Q(f)(g),  
(b)(k)(d)340(e)Q(f)(g), (b)(k)(d)385(e)Q(f)(g), (b)(k)(d)420(e)Q(f)(g), (b)(k)(d)440(e)Q(f)(g),  
(b)(k)(d)460(e)Q(f)(g), (b)(k)(d)510(e)Q(f)(g), (b)(k)(d)550(e)Q(f)(g), (b)(k)(d)680(e)Q(f)(g),  
(b)(k)(d)750(e)Q(f)(g), (b)D3422(d)75(e)Q(f)(g), (b)D3422(d)95(e)Q(f)(g), (b)D3422(d)115(e)Q(f)(g),  
(b)D3422(d)130(e)Q(f)(g), (b)D3422(d)140(e)Q(f)(g), (b)D3422(d)150(e)Q(f)(g),  
(b)D3422(d)230(e)Q(f)(g), (b)D3422(d)250(e)Q(f)(g), (b)D3422(d)275(e)Q(f)(g),

*B. Mahrenholz*

Bruce Mahrenholz, Director North American Certification Program

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# CERTIFICATE OF COMPLIANCE

**Certificate Number** E321126  
**Report Reference** E321126-2014-11-04  
**Date** 2022-June-24

(b)D3422(d)320(e)Q(f)(g), (b)D3422(d)340(e)Q(f)(g), (b)D3422(d)385(e)Q(f)(g),  
(b)D3422(d)420(e)Q(f)(g), (b)D3422(d)440(e)Q(f)(g), (b)D3422(d)460(e)Q(f)(g),  
(b)D3422(d)510(e)Q(f)(g), (b)D3422(d)550(e)Q(f)(g), (b)D3422(d)680(e)Q(f)(g),  
(b)D3422(d)750(e)Q(f)(g), (b)D32(d)75(e)(f)(g), (b)D32(d)130(e)(f)(g), (b)D32(d)150(e)(f)(g),  
(b)D32(d)230(e)(f)(g), (b)D32(d)250(e)(f)(g), (b)D32(d)275(e)(f)(g), (b)D32(d)320(e)(f)(g),  
(b)D32(d)385(e)(f)(g), (b)D32(d)420(e)(f)(g), (b)D32(d)440(e)(f)(g), (b)D32(d)460(e)(f)(g),  
(b)D32(d)550(e)(f)(g), (b)D32(d)680(e)(f)(g), (b)D32(d)750(e)(f)(g),

**Note:**

(b)- Optional prefix SIOV; (c)- LS40, LS41, LS42, L40, L41 or L42 ; (d)- J, K or S ; (e)- Optional. A, B or C; (k)- Optional. May be followed by E1, E2, E3, E4, E5, E6, E7, E8 or E9 ; (g)- May be followed by any numbers and/or letters.



Bruce Mahrenholz, Director North American Certification Program

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