

Attn.: \_\_\_\_\_

**HIROSE ELECTRIC CO., LTD.**

5-23, OSAKI 5-CHOME, SHINAGAWA-KU, TOKYO, JAPAN

**Notice of Treatment for Our Products Using Metallic Materials**  
**Made by Mitsubishi Electric Metecs Co., Ltd.**  
**and Request for Your Acknowledgement**

Hirose would like to take this opportunity to thank you sincerely for your support, and we hope this letter finds you well and prosperous.

On December 5, 2014, a metallic material supplier, Mitsubishi Electric Metecs Co., Ltd. announced it would terminate the business, and some of our products are currently using its materials. We sincerely apologize for any inconvenience this may cause.

We are writing today to inform you in advance of our substitution plan of the materials in the future.

We request that you kindly offer your consent to this matter.

#### 1. Discontinued Products, Alternative Products, and Description of Changes

Please refer to the list on the separate sheet for the discontinued products.

The alternative products will have different product codes and product names.

The alternative products will use metallic materials from different suppliers.

Series name	Current material supplier	Alternative material supplier
GX	Mitsubishi Electric Metecs Co., Ltd.	JX Nippon Mining & Metals Corporation
EX60	Mitsubishi Electric Metecs Co., Ltd.	JX Nippon Mining & Metals Corporation
EX80	Mitsubishi Electric Metecs Co., Ltd.	JX Nippon Mining & Metals Corporation
3500	Mitsubishi Electric Metecs Co., Ltd.	JX Nippon Mining & Metals Corporation
IT3, IT5	Mitsubishi Electric Metecs Co., Ltd.	JX Nippon Mining & Metals Corporation
MQ172	Mitsubishi Electric Metecs Co., Ltd.	JX Nippon Mining & Metals Corporation
ZX360	Mitsubishi Electric Metecs Co., Ltd.	JX Nippon Mining & Metals Corporation
ZX40, 62, 80	Mitsubishi Electric Metecs Co., Ltd.	JX Nippon Mining & Metals Corporation
EF1	Mitsubishi Electric Metecs Co., Ltd.	JX Nippon Mining & Metals Corporation
ST	Mitsubishi Electric Metecs Co., Ltd.	JX Nippon Mining & Metals Corporation
TJ50A	Mitsubishi Electric Metecs Co., Ltd.	JX Nippon Mining & Metals Corporation
PX	Mitsubishi Electric Metecs Co., Ltd.	Mitsubishi Shindoh Co., Ltd.
HIF2E	Mitsubishi Electric Metecs Co., Ltd.	NGK Insulators, Ltd. / Brush Wellman Inc.
HIF5	Mitsubishi Electric Metecs Co., Ltd.	NGK Insulators, Ltd. / Brush Wellman Inc.
HIF6H	Mitsubishi Electric Metecs Co., Ltd.	NGK Insulators, Ltd. / Brush Wellman Inc.
HIF6	Mitsubishi Electric Metecs Co., Ltd.	NGK Insulators, Ltd. / Brush Wellman Inc.

## 2. Reason for Discontinuation and Change of Products

Since metallic materials made by Mitsubishi Electric Metecs Co., Ltd. will become unavailable in the future owing to its business termination, we will discontinue the affected products and substitute alternative products of them.

## 3. Differences Resulting from the Change

There will be no differences in external appearance and product performance resulting from the change.

## 4. Schedule of Discontinuation of Current Products and Commencement of Order Taking of Alternative Products

Last date for receiving orders for the current products	March 31, 2016
Start date for receiving orders for the alternative products	April 1, 2016
Last shipping date for the current products	December 26, 2016

## 5. Confirmation of Your Acknowledgement

We kindly request that you let a Hirose account representative know you acknowledge this matter by the end of January 2016. In the absence of a response by this date, please be advised that you will be delivered products that have been changed as described above. If you should have any questions, please feel free to contact a Hirose account representative.

Your understanding and cooperation are highly appreciated.









List of Discontinued Alternative Products

Discontinued Products				Alternative Products		
NO	Product Code	Product Name	Material supplier	Product Code	Product Name	Material supplier
413	CL0681-7474-7-00	WT-00251	mitsubishi electric metecs co., ltd.	CL0681-7474-7-40	WT-00251(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
414	CL0681-7475-0-00	WO-00307	mitsubishi electric metecs co., ltd.	CL0681-7475-0-40	WO-00307(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
415	CL0681-7476-2-00	HIF6-100D-AA-300.0KA	mitsubishi electric metecs co., ltd.	CL0681-7476-2-40	HIF6-100D-AA-300.0KA(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
416	CL0681-7479-0-00	WT-00254	mitsubishi electric metecs co., ltd.	CL0681-7479-0-40	WT-00254(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
417	CL0681-7480-0-00	WT-00255	mitsubishi electric metecs co., ltd.	CL0681-7480-0-40	WT-00255(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
418	CL0681-7480-0-01	WT-00255(01)	mitsubishi electric metecs co., ltd.	CL0681-7480-0-41	WT-00255(41)	NGK INSULATORS.LTD./Brush Wellman Inc.
419	CL0681-7481-2-00	WT-00256	mitsubishi electric metecs co., ltd.	CL0681-7481-2-40	WT-00256(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
420	CL0681-7482-5-00	WT-00257	mitsubishi electric metecs co., ltd.	CL0681-7482-5-40	WT-00257(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
421	CL0681-7483-8-00	WT-00258	mitsubishi electric metecs co., ltd.	CL0681-7483-8-40	WT-00258(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
422	CL0681-7483-8-01	WT-00258(01)	mitsubishi electric metecs co., ltd.	CL0681-7483-8-41	WT-00258(41)	NGK INSULATORS.LTD./Brush Wellman Inc.
423	CL0681-7484-0-00	WT-00259	mitsubishi electric metecs co., ltd.	CL0681-7484-0-40	WT-00259(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
424	CL0681-7485-3-00	WT-00260	mitsubishi electric metecs co., ltd.	CL0681-7485-3-40	WT-00260(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
425	CL0681-7485-3-01	WT-00260(01)	mitsubishi electric metecs co., ltd.	CL0681-7485-3-41	WT-00260(41)	NGK INSULATORS.LTD./Brush Wellman Inc.
426	CL0681-7485-3-02	WT-00260(02)	mitsubishi electric metecs co., ltd.	CL0681-7485-3-42	WT-00260(42)	NGK INSULATORS.LTD./Brush Wellman Inc.
427	CL0681-7486-6-00	W2-00094	mitsubishi electric metecs co., ltd.	CL0681-7486-6-40	W2-00094(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
428	CL0681-7488-1-00	WO-00309	mitsubishi electric metecs co., ltd.	CL0681-7488-1-40	WO-00309(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
429	CL0681-7489-4-00	W2-00095	mitsubishi electric metecs co., ltd.	CL0681-7489-4-40	W2-00095(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
430	CL0681-7490-3-00	W2-00096	mitsubishi electric metecs co., ltd.	CL0681-7490-3-40	W2-00096(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
431	CL0681-7491-6-00	HIF6-50D-AA-16.0KA	mitsubishi electric metecs co., ltd.	CL0681-7491-6-40	HIF6-50D-AA-16.0KA(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
432	CL0681-7492-9-00	HIF6-60D-AA-33.0KA	mitsubishi electric metecs co., ltd.	CL0681-7492-9-40	HIF6-60D-AA-33.0KA(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
433	CL0681-7493-1-00	HIF6-100D-AA-50.0KA	mitsubishi electric metecs co., ltd.	CL0681-7493-1-40	HIF6-100D-AA-50.0KA(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
434	CL0681-7494-4-00	HIF6-80D-AA-100.0KA	mitsubishi electric metecs co., ltd.	CL0681-7494-4-40	HIF6-80D-AA-100.0KA(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
435	CL0681-7495-7-00	HIF6H-40D-AA-30.0JJ	mitsubishi electric metecs co., ltd.	CL0681-7495-7-40	HIF6H-40D-AA-30.0JJ(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
436	CL0681-7497-2-00	HIF6H-80D-AA-70.0JJ	mitsubishi electric metecs co., ltd.	CL0681-7497-2-40	HIF6H-80D-AA-70.0JJ(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
437	CL0681-7499-8-00	HIF6H-80D-AA-16.0JJ	mitsubishi electric metecs co., ltd.	CL0681-7499-8-40	HIF6H-80D-AA-16.0JJ(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
438	CL0681-7501-8-00	WT-00263	mitsubishi electric metecs co., ltd.	CL0681-7501-8-40	WT-00263(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
439	CL0681-7503-3-00	HIF6-20D-AB-20.0KA	mitsubishi electric metecs co., ltd.	CL0681-7503-3-40	HIF6-20D-AB-20.0KA(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
440	CL0681-7504-6-00	HIF6-20D-AB-8.0KA	mitsubishi electric metecs co., ltd.	CL0681-7504-6-40	HIF6-20D-AB-8.0KA(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
441	CL0681-7505-9-00	WT-00264	mitsubishi electric metecs co., ltd.	CL0681-7505-9-40	WT-00264(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
442	CL0681-7505-9-01	WT-00264(01)	mitsubishi electric metecs co., ltd.	CL0681-7505-9-41	WT-00264(41)	NGK INSULATORS.LTD./Brush Wellman Inc.
443	CL0681-7505-9-02	WT-00264(02)	mitsubishi electric metecs co., ltd.	CL0681-7505-9-42	WT-00264(42)	NGK INSULATORS.LTD./Brush Wellman Inc.
444	CL0681-7506-1-00	WT-00265	mitsubishi electric metecs co., ltd.	CL0681-7506-1-40	WT-00265(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
445	CL0681-7506-1-01	WT-00265(01)	mitsubishi electric metecs co., ltd.	CL0681-7506-1-41	WT-00265(41)	NGK INSULATORS.LTD./Brush Wellman Inc.
446	CL0681-7507-4-00	WT-00266	mitsubishi electric metecs co., ltd.	CL0681-7507-4-40	WT-00266(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
447	CL0681-7507-4-01	WT-00266(01)	mitsubishi electric metecs co., ltd.	CL0681-7507-4-41	WT-00266(41)	NGK INSULATORS.LTD./Brush Wellman Inc.
448	CL0681-7508-7-00	WT-00267	mitsubishi electric metecs co., ltd.	CL0681-7508-7-40	WT-00267(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
449	CL0681-7508-7-01	WT-00267(01)	mitsubishi electric metecs co., ltd.	CL0681-7508-7-41	WT-00267(41)	NGK INSULATORS.LTD./Brush Wellman Inc.
450	CL0681-7509-0-00	WT-00268	mitsubishi electric metecs co., ltd.	CL0681-7509-0-40	WT-00268(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
451	CL0681-7509-0-01	WT-00268(01)	mitsubishi electric metecs co., ltd.	CL0681-7509-0-41	WT-00268(41)	NGK INSULATORS.LTD./Brush Wellman Inc.
452	CL0681-7510-9-00	WT-00269	mitsubishi electric metecs co., ltd.	CL0681-7510-9-40	WT-00269(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
453	CL0681-7511-1-00	WO-00204	mitsubishi electric metecs co., ltd.	CL0681-7511-1-40	WO-00204(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
454	CL0681-7512-4-00	WO-00313	mitsubishi electric metecs co., ltd.	CL0681-7512-4-40	WO-00313(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
455	CL0681-7513-7-00	WO-00314	mitsubishi electric metecs co., ltd.	CL0681-7513-7-40	WO-00314(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
456	CL0681-7514-0-00	W6-00163	mitsubishi electric metecs co., ltd.	CL0681-7514-0-40	W6-00163(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
457	CL0681-7515-2-00	WY-00296	mitsubishi electric metecs co., ltd.	CL0681-7515-2-40	WY-00296(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
458	CL0681-7518-0-00	HIF6H-34D-AB-150.0JJ	mitsubishi electric metecs co., ltd.	CL0681-7518-0-40	HIF6H-34D-AB-150.0JJ(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
459	CL0681-7519-3-00	HIF6-20D-AA-9.0KA	mitsubishi electric metecs co., ltd.	CL0681-7519-3-40	HIF6-20D-AA-9.0KA(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
460	CL0681-7520-2-00	HIF6-60D-AA-5.0KA	mitsubishi electric metecs co., ltd.	CL0681-7520-2-40	HIF6-60D-AA-5.0KA(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
461	CL0681-7521-5-00	HIF6-68D-AA-8.0KA	mitsubishi electric metecs co., ltd.	CL0681-7521-5-40	HIF6-68D-AA-8.0KA(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
462	CL0681-7523-0-00	HIF6H-34D-AB-19.0JJ	mitsubishi electric metecs co., ltd.	CL0681-7523-0-40	HIF6H-34D-AB-19.0JJ(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
463	CL0681-7526-9-00	HIF6-68D-AA-10.0KA	mitsubishi electric metecs co., ltd.	CL0681-7526-9-40	HIF6-68D-AA-10.0KA(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
464	CL0681-7527-1-00	HIF6-20D-AA-200.0KA	mitsubishi electric metecs co., ltd.	CL0681-7527-1-40	HIF6-20D-AA-200.0KA(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
465	CL0681-7528-4-00	HIF6-60D-AA-200.0KA	mitsubishi electric metecs co., ltd.	CL0681-7528-4-40	HIF6-60D-AA-200.0KA(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
466	CL0681-7529-7-00	HIF6-68D-AA-200.0KA	mitsubishi electric metecs co., ltd.	CL0681-7529-7-40	HIF6-68D-AA-200.0KA(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
467	CL0681-7530-6-00	HIF6H-60D-AB-15.0JJ	mitsubishi electric metecs co., ltd.	CL0681-7530-6-40	HIF6H-60D-AB-15.0JJ(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
468	CL0681-7531-9-00	HIF6-68D-AA-100.0KA	mitsubishi electric metecs co., ltd.	CL0681-7531-9-40	HIF6-68D-AA-100.0KA(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
469	CL0681-7532-1-00	HIF6-60D-AA-100.0KA	mitsubishi electric metecs co., ltd.	CL0681-7532-1-40	HIF6-60D-AA-100.0KA(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
470	CL0681-7533-4-00	HIF6-20D-AA-100.0KA	mitsubishi electric metecs co., ltd.	CL0681-7533-4-40	HIF6-20D-AA-100.0KA(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
471	CL0681-7534-7-00	HIF6-68D-AA-7.0KA	mitsubishi electric metecs co., ltd.	CL0681-7534-7-40	HIF6-68D-AA-7.0KA(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
472	CL0681-7536-2-00	HIF6-20D-AB-8.5KA	mitsubishi electric metecs co., ltd.	CL0681-7536-2-40	HIF6-20D-AB-8.5KA(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
473	CL0681-7539-0-00	WO-00329	mitsubishi electric metecs co., ltd.	CL0681-7539-0-40	WO-00329(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
474	CL0681-7541-2-00	WO-00330	mitsubishi electric metecs co., ltd.	CL0681-7541-2-40	WO-00330(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
475	CL0681-7541-2-01	WO-00330(01)	mitsubishi electric metecs co., ltd.	CL0681-7541-2-41	WO-00330(41)	NGK INSULATORS.LTD./Brush Wellman Inc.
476	CL0681-7541-2-02	WO-00330(02)	mitsubishi electric metecs co., ltd.	CL0681-7541-2-42	WO-00330(42)	NGK INSULATORS.LTD./Brush Wellman Inc.
477	CL0681-7542-5-00	WO-00331	mitsubishi electric metecs co., ltd.	CL0681-7542-5-40	WO-00331(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
478	CL0681-7543-8-00	HIF6H-50D-AA-7.0JJ	mitsubishi electric metecs co., ltd.	CL0681-7543-8-40	HIF6H-50D-AA-7.0JJ(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
479	CL0681-7544-0-00	HIF6H-60D-AA-10.0JJ	mitsubishi electric metecs co., ltd.	CL0681-7544-0-40	HIF6H-60D-AA-10.0JJ(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
480	CL0681-7546-6-00	W2-00101	mitsubishi electric metecs co., ltd.	CL0681-7546-6-40	W2-00101(40)	NGK INSULATORS.LTD./Brush Wellman Inc.
481	CL0681-7547-9-00	HIF6-100D-AB-50.0TA	mitsubishi electric metecs co., ltd.	CL0681-7547-9-40	HIF6-100D-AB-50.0TA(40)	NGK INSULATORS.LTD./Brush Wellman Inc.

**Acknowledgement**

(Customer -> Hirose Electric business representative)

**Notice of Treatment for Our Products Using Metallic Materials**  
**Made by Mitsubishi Electric Metecs Co., Ltd.**  
**and Request for Your Acknowledgement**

We acknowledge the aforementioned matter.

●Customer's name: \_\_\_\_\_

●Acknowledgment stamp (or signature): \_\_\_\_\_

HIROSE ELECTRIC CO., LTD.

\_\_\_\_\_ (Cut on this line) \_\_\_\_\_

**Document Receipt**

(Customer -> Hirose Electric business representative)

**Notice of Treatment for Our Products Using Metallic Materials**  
**Made by Mitsubishi Electric Metecs Co., Ltd.**  
**and Request for Your Acknowledgement**

We received the document concerning the above.

●Customer's name: \_\_\_\_\_

●Receipt stamp (or signature): \_\_\_\_\_

HIROSE ELECTRIC CO., LTD.