

## **Singapore EWS Site addition for IPS and High Voltage Products currently tested in Catania EWS Site**

### **WHAT is the change?**

Addition of Singapore EWS Site (from now on “the receiving plant”) as new testing site for IPS and High Voltage Products to the current Catania (Italy) EWS Site (from now on “the sending plant”).

### **WHY?**

In order to have more production flexibility.

### **WHEN will this change occur?**

Starting from November 2015

### **HOW will the change be qualified?**

Through test correlation exercises and comparison with same products by using the available Test Cells in Singapore and Catania.

### **IMPACTS of the Change**

Form: No impact  
Fit: No impact  
Function: No impact

### **APPENDICES:**

APPENDIX 1 Qualification plan  
APPENDIX 2 Qualification results



## **APPENDIX 1: QUALIFICATION PLAN**

The Qualification Plan of “the receiving plant” in substitution of “the sending plant”, for the products specified in this PCN, is defined by an Operation Flow divided in 4 steps, based on ST approved S.O.P. (reference document 8145208: “Management of test transfer and test solution changes”).

- 1) Engineering and Verification of Test Programs and Test Material. Use of “Verification” Checklist performed by the Sending Plant and divisional Product Engineering;
- 2) Transfer of test programs. Use of specific “EWS product transfer from other EWS” performed by the Sending Plant;
- 3) Validation of Test Programs. Use of specific “Validation Sheet at Manufacturing Plant” performed by the Receiving Plant and divisional Product Engineering;
- 4) Check and Compare test results obtained in Receiving Plant with the ones obtained in step 1. Provide final Go / No go to manufacturing area. It is performed by the Sending Plant and divisional Product Engineering.

Product-specific Qualification Reports are available upon request.



## APPENDIX 2: QUALIFICATION EXECUTION & RESULTS

The Qualification execution has been performed following ST rules for “EWS Product Transfer from other EWS” (as per rules listed in document 8145208: “Management of test transfer and test solution changes”).

Table here below is intended to confirm that all required steps have been successfully performed on each product line included in this PCN.

Product Line	Product Info checklist	Test Program info checklist	Tester configuration	Prober Configuration	Set Up information	Transfer Validation checklist	Go / No go
VN3301	X	X	X	X	X	X	X
VN3401	X	X	X	X	X	X	X
VN8601	X	X	X	X	X	X	X
VNB501	X	X	X	X	X	X	X
VNI101	X	X	X	X	X	X	X
VNM201	X	X	X	X	X	X	X
VN5401	X	X	X	X	X	X	X
VP0101	X	X	X	X	X	X	X
VP0401	X	X	X	X	X	X	X
VN6301	X	X	X	X	X	X	X
VN7201	X	X	X	X	X	X	X
VNB201	X	X	X	X	X	X	X
VNF701	X	X	X	X	X	X	X
VN7401	X	X	X	X	X	X	X
VN4801	X	X	X	X	X	X	X