

PRO V&V



ENGINEER CHANGE ORDER (ECO) ANALYSIS FORM

Manufacturer: Dominion Voting Systems

System: Democracy Suite (D-Suite)

ECO Number: 100504

ECO Description: Added APC SMT1500C UPS as a battery backup option

Overview:

Products Affected: ICX Classic BMD (15in. and 21in)

Added APC SMT1500C UPS as a battery backup option for use with the ICX Classic BMD configuration due to the APC SMT1500 UPS becoming commercially unavailable for purchase.

Add:

DVS PN 123-000477 UPS, 1.5KVA, TOWER MODEL SMT1500C

The substitute model has been tested for use with the following EAC certified D-Suite 5.5 system configurations: 5.0, 5.0-A, and 5.5. It has also been tested for use in the following state certified D-Suite system configurations: 5.2-CA, 5.2-CO, 5.2-CO.1, 5.4, 5.4-Complete, and 5.0S.

Supporting Documentation:

ECO 100504 APC UPS SMT1500 Replacement (2018-11-09).pdf (*Dominion ECO*)

SMT1500_Specifications.pdf

SMT1500C_Specifications.pdf

FCC_ClassB_Hotline.pdf, FCC_ClassB_Neutral.pdf, Hor 6.pdf, and Ver 6.pdf (*Emissions test results*)

Engineering Recommendation:

Technical documentation review performed to approve change. Dominion internal test results were reviewed. The replacement component is comparable in form, fit, and function to the current model. It was determined that the new version will not adversely impact the certified systems; therefore, no additional testing is required.

Engineering Analysis: De Minimis

Reviewer:

Wendy Owens
Printed Name

Wendy Owens
Signature

11/13/18
Date

Approver:

Jack Cobb
Printed Name

Jack Cobb
Signature

11/13/18
Date