

CONTAMINATED ENVIRONMENT

INTRODUCTION

1. The Contaminated Environment construction standards are identical to the Fiberglass Construction, except for cutouts, transformers, and transformer secondary connectors. Contaminated Environment cutouts (CUT OT 006) provide increased leakage distance by way of longer insulators. Contaminated Environment transformers (TRA CO 001-006) have longer bushings. Contaminated Environment transformer secondary connectors (CNN TS 009 for 75kV transformers and under) are a rubber molded version of the standard multi-tap connector.
2. For this reason, no plates are included in this section. Adding the suffix C to any plate that includes cutouts and/or transformers will provide the proper material. Some examples include DGAC, DUAC, and F1C.
3. For plates that do not include transformers or cutouts, the fiberglass construction standard plates should be applied.
4. FUS HO 046 is the 100A replacement barrel for contaminated environment cutouts that require longer barrels (18.25") and should be itemized individually when needed.
5. The ABB triangular shaped cutout is now approved for contaminated environment which provides increased leakage distance without requiring a longer fuse barrel. Standard 14.75" barrels shall be installed in this cutout.
6. Contaminated Environment standards shall be followed in areas including but not limited to:
All poles to the east of and on the east side of San Pablo Rd.
Heckscher Dr. on the water
Blount Island
Black Hammock Island
Broward Rd.
U.S. 17 North of Yellow Bluff Rd.