



INSULATOR INVENTORY

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QTY	Type	Condition	Location	Status	Picture
1	R28 black	Installed	CEBAF gun	Installed in CEBAF 200 kV gun upgrade with Gabriel's electrode design. Conditioned to 216 kV Summer 2017. Demonstrated 365 kV with dummy ball electrode in GTS. Ran 200 keV beam UITF January 2018.	1
2	R28 black	Virgin	Test lab cabinet 9	In boxes	2
2	R28 black	Virgin	Test lab cabinet 9	Without box	2
1	R28 white	Each of the HVTS	EEL 117		no pic
1	R28 white	Mounted to a hogged out 10" flange	Test lab cabinet 9		4
1	R28 white	Not mounted	Test lab cabinet 9		2
1	R28 white	With T-shaped electrode	TL1137 clean room	Removed from CEBAF gun	1
1	R28 white	Nb cathode attached, welded to a 10" flange	TL 1137 In cabinet next to the clean room	Ready to install at UITF	5
1	R30 white	Welded to a 10" flange	Test lab cabinet 9	Ready for mounting to a gun	3
1	R30 black	Installed	GTS gun	Operational	no pic

Pictures



1 CEBAF Electrodes 130 kV next to 200 kV



2 Two white R28s and Four black R28 in cabinet 9



3 The only remaining white R30 already welded to 10" flange



4 One of the white R28s welded to a hogged out 10" flange



5 White R28 with Nb electrode in TL1137 cabinet next to clean room