

TESTING AGENT:
Switchgear /Switchboard
Aviation Facilities &Infrastructure

PROJECT NAME:		PROJECT NUMBER:	
FACILITY NAME:		EQUIP. ROOMNO:	
PROJECT EQ. ID:		MAXIMO EQ. ID NO:	
EQUIP. CELLNO:		TEST AGENT PROJ. #:	
PROJECT REF DWG:		MFR. REF. DWG NO:	
RECORD PICTURES:		REPLACEMENT COST:	
POWER FEEDERID:		CONTROL CKT ID:	
DEVICE /FEEDERID:		DATE TEST ACCEPTED:	
DEVICE ADDRESS:	TCP/IP:	INCOM:	MODBUS RTU:

FIELD DATA			
MANUFACTURER:		SO / GO NUMBER:	
MODEL/STYLE #:		SYSTEM VOLTAGE:	
UL / CSA #:		RATED VOLTAGE:	Volts
KAIC:		RATED CURRENT:	Amps
TEMPERATURE /HUMIDITY:	°C	RATED NEUTRAL:	

INSPECTION DATA			
PHYSICAL CONDITION:		KEY INTERLOCKS:	
DOOR AND PANEL ALIGNMENT:		MECHANICAL INTERLOCKS:	
WEATHERPROOF ENCLOSURES:		FILTERS:	
LABELS:		GROUNDING	
BREAKER/SWITCH ID:		GROUND ELECTRODE CONDITION:	
BREAKER CELL CONDITION:		MAIN BONDING JUMPER:	
BREAKER CELL STABS:		EQUIPMENT GROUNDING:	
WORKING SPACE:		GROUND BUS:	
CLEANLINESS:		PROTECTION	
ANCHORAGE:		OVERCURRENT PROTECTION:	Breaker
UNUSED OPENINGS:		GROUND FAULT PROTECTION:	Indicator
INDUCTIVE HEATING:		ARRESTER PROTECTION:	
BUS INSULATORS/INSULATION:		CABLE AND CONDUITS	
BUS CONNECTION TIGHTNESS:		CONDUCTOR IDENTIFICATION:	
SAFETY SHUTTERS/BARRIERS:		CABLE TERMINATION TIGHTNESS:	
SPACE HEATERS:		CABLE BRACING:	
MAINTENANCE ACCESSORIES:		CONDUIT BUSHINGS:	
VENTILATION /LOUVERS:		INTERCONNECT WIRING:	
CT'S / PT'S:		CELL WIRING:	
METERS:			

ELECTRICAL TESTS

(Readings in: MegOhms @ _____VDC)

Readings in Milliamps @ _____KV AC DC

Insulation Resistance			
A-G		A-B	
B-G		B-C	
C-G		C-A	

Overpotential test	
A-G	
B-G	
C-G	

THERMOGRAPHIC INSPECTION	
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COMMENTS:
Equipment Maintainability and Recorded Data is Witnessed and Certified by:

1. Commissioning Agent: _____, Date: _____
2. Engineer of Record: _____, Date: _____
3. Port Engineer: _____, Date: _____
4. Port AVF&I: _____, Date: _____
5. Port AVM: _____, Date: _____

Tested By: _____

PAGE _____