

SOM FACILITIES START-UP AND COMMISSIONING CHECK LIST FOR ELECTRICAL EQUIPMENT

Building:	Project Name:	
Date:	Name:	

DIESEL ENGINE GENERATOR

ITEM	DESCRIPTION	STATUS		COMMENTS
1	Visual and Mechanical Inspection			
a	Verify approved Equipment Manufacturer	P	F	
b	Design Conditions Acceptable	P	F	
c	Separate ATS for safety and equipment systems	P	F	
d	Site Lighting - flurescent or supplied from inverter, no incandescent	P	F	
e	Compliance to local and national codes	P	F	
f	Located at least 10 feet from any structure or public way	P	F	
g	Verify Service & Maintenance accessibility. (Refueling, Load Bank, Oil Change, Motor Replacement)	P	F	
h	Vibration isolators between unit and tank, not under tank.	P	F	
i	Tank secondary containment	P	F	
j	Pressure testing of tank prior to filling	P	F	
k	Exhaust silencer and rain cap provided on exhaust	P	F	
l	Provide Air Quality (BAAQCD) permit prior to start up	P	F	
m	Provide Tank System Installation permit from County of Santa Clara	P	F	
n	Tank Vent at least 12 feet above grade and fitted with proper cap	P	F	
o	Diesel exhaust not less than 10 feet above ground	P	F	
p	Enclosure locked and keys in knox box closed devices.	P	F	

SOM FACILITIES START-UP AND COMMISSIONING CHECK LIST FOR ELECTRICAL EQUIPMENT

DIESEL ENGINE GENERATOR

ITEM	DESCRIPTION	STATUS		COMMENTS
1	Visual and Mechanical Inspection (continued)			
q	Auto Transfer Switch tested: Unit starts and powers load within 10	P	F	

seconds			
r Auto Transfer Switch timing set for 1 second start delay and 30 minute retransfer delay	P	F	
s There is NO Automatic engine exercise timer.	P	F	
t Verify engine exhaust fumes do not enter building air intake systems	P	F	
u Verify county Fire and Hazmat Permits completed including fuel tank on-site pressure test	P		
v Fire Extinguisher is in place	P	F	
w Signs / Warning Labels, Name Plates, Correct and in place	P	F	
x Ennuciator panel installed and tested.	P	F	
y Life Safety systems tested under simulated outage conditions	P	F	
z Equipment Systems tested under simulated outage conditions	P	F	
aa Anchor bolts installed, torqued, and inspected. Spring isolators adjusted	P	F	
bb Log books are in place and the equipment has been entered into MPAC system. (and Campus FAMIS system)	P	F	