

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	_____ _____

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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