

Office of Environmental Health & Safety SF 9005.03 Energized Work Permit

1	DESCRIPTION	I AND JUSTIF	ICATION FOR E	ENERGIZED ELE	CTRICAL WORK
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Hazard / Risk Category (circle category number)	-1 0 1 2 3	4
EQUIPMENT INFORMATION		
Name of Equipment	Description of circuit	
Identification		
Location		
Power fed from		
Drawing Number		
FLASH HAZARD ANALYSIS		
	7433	
LASH HAZARD ANALYSIS (from NFPA-70E, 130.3 ((A))	
Fault Clearing Device: (name):		
Ifgr's Model or type number:		
Clearing time, seconds:		
lack Destaction Describes		
lash Protection Boundary Check the method used)		
] 4.0 feet (systems less than 600 volts, with 0.1-sec cl	elearing time. Ibf < 50 kA or 5000 A-sec)	
Physical boundaries of the substation or enclosure (s		
Other (Contact the Electrical Shop for assistance)	(o) stemo greater triain eee verte)	
SARRIERS to restrict access by unqualified persons		
] Locked access	[] Safety Watch Required	
Barrier tapes, stanchions	[] Oth an (decent a tools).	
] Electrical Hazard signs	[] Other (describe task):	
SHOCK HAZARD ANALYSIS (VOLTA	AGE, BOUNDARIES, PPE)	
LECTRICAL ENERGY SOURCE HAZARDS FOR THI		
Less than 50 volts, [] 277 volts	[] Emergency power —	
] 120-volts [] 480 volts] 208 volts [] 600 volts	[] Remote control	
	[] DC	
	I Foreign	
] 240 volts [] Other (describe):	[] Foreign	
240 volts [] Other (describe):	TO LIVE PARTS	
] 240 volts [] Other (describe): SHOCK PROTECTION - APPROACH BOUNDARIES T	TO LIVE PARTS	
340 volts [] Other (describe):	TO LIVE PARTS ge level to be used (NFPA 70E C.2.11) RESTRICTED APPROACH PROHIBITED APPROACH	
Distriction of the property of	TO LIVE PARTS ge level to be used (NFPA 70E C.2.11) RESTRICTED APPROACH PROHIBITED APPROACH DISTANCE DISTANCE	1
Distriction in the control of the co	TO LIVE PARTS ge level to be used (NFPA 70E C.2.11) RESTRICTED APPROACH DISTANCE DISTANCE Not spec'd PROHIBITED APPROACH DISTANCE DISTANCE Not spec'd	
Distriction in the system of t	TO LIVE PARTS ge level to be used (NFPA 70E C.2.11) RESTRICTED APPROACH DISTANCE	1
Distriction of the series of t	TO LIVE PARTS ge level to be used (NFPA 70E C.2.11) RESTRICTED APPROACH DISTANCE [] Not spec'd [] avoid contact [] 1' 0" PROHIBITED APPROACH DISTANCE [] Not spec'd [] avoid contact [] avoid contact [] 1' 0" [] 0' 1"	1
District of the control of the contr	TO LIVE PARTS ge level to be used (NFPA 70E C.2.11) RESTRICTED APPROACH DISTANCE [] Not spec'd [] avoid contact [] 1' 0" [] 2' 2" PROHIBITED APPROACH DISTANCE [] Not spec'd [] avoid contact [] 1' 0" [] 0' 1" [] 0' 7"	l
Distance 340 volts	TO LIVE PARTS ge level to be used (NFPA 70E C.2.11) RESTRICTED APPROACH DISTANCE [] Not spec'd [] avoid contact [] 1' 0" PROHIBITED APPROACH DISTANCE [] Not spec'd [] avoid contact [] avoid contact [] 1' 0" [] 0' 1"	ł
DISTANCE Source Joseph Color (Joseph Color of	TO LIVE PARTS ge level to be used (NFPA 70E C.2.11) RESTRICTED APPROACH DISTANCE [] Not spec'd [] avoid contact [] 1' 0" [] 2' 2" PROHIBITED APPROACH DISTANCE [] Not spec'd [] avoid contact [] 1' 0" [] 0' 1" [] 0' 7"	

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5 Protective Clothing and Equipment

Circle all of the equipment that will be used for the work

Protective Systems for Hazard / Risk Category

Hazard / Risk Category Number

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	-1	0	1	2	3	4
Non-Melting or Untreated Natural Fiber			•			1
T-shirt (short sleeve)	Х			Х	Х	Х
Shirt (long sleeve)		Х				
Pants (long)	X	Х	Х	Х	Х	Х
			Note 4	Note 6		
FR Clothing (see note 1)		•	•			•
Long-sleeved shirt			Х	Х	Х	Х
Pants			Х	Х	Х	Х
Coverall			Note 5	Note 7	Х	Note 5
Jacket, Parka, or raingear			AN	AN	AN	AN
FR Protective Equipment			•			1
Flash suit jacket (multilayer)						Х
Flash suit pants (multilayer)						Х
Head Protection		•	•			•
Hard Hat			Х	Х	Х	Х
FR Hard Hat liner						
					AR	AR
Eye Protection		•	•			•
Safety Glasses	Х	Х	Х	AL	AL	AL
Safety Goggles				AL	AL	AL
Face and Head Area Protection		•	•			•
Arc-rated face shield, or flash suit hood				Х		
Flash suit Hood					Х	Х
Hearing protection (ear canal inserts)				Х	Х	Х
				Note 8		
Hand Protection Leather Gloves			AN	Х	Х	Х
Foot Protection Leather Work Shoes			AN	Х	Х	Х

AN = as needed, AL = Select one in group, AR = as required, X= minimum required

6 APPROVALS /AGREEMENTS TO PERFORM WORK WHILE ELECTRICALLY ENERGIZED

Engineering Services

Director	Assistant Director (Electrical)		
Electric Shop			
Supervisor	Lead		
Electrically Qualified Person(s)	Electrically Qualified Person(s)		
Electrically Qualified Person(s)	Electrically Qualified Person(s)		

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