



**OFFICE OF THE STATE FIRE MARSHAL**  
 University of California Santa Cruz  
 Designated Campus Fire Marshal Program  
 Fire Safety and Prevention  
 1156 High Street, Santa Cruz CA 95064



**CONSTRUCTION OBSERVATION MATRIX  
 REV 2024**

INSPECTION TYPE	PPDO: DESIGN AND CONSTRUCTION INSPECTOR OF RECORD	EHS: FIRE SAFETY AND PREVENTION DESIGNATED CAMPUS FIRE MARSHAL	COMMENTS
<b>Building Fire and Life Safety</b>			
Pre-Construction	X	X	
Civil	X		DCFM to verify Acces & WUI
Fire Proofing/Deck	3rd Party	3rd Party	100% Visual for completeness
Framing	100%	10-20%	Rated partition/barrier/wall
Nailing/Tape	100%	10-20%	Rated partition/barrier/wall
Damper/Penetrations	100%	100%	20% 1 Hour/100% 1 1/2+
Close-In	100%	10-20%	
Pre-Final	100%	30%	
Final	100%	100%	
<b>Fire Protection Water</b>			
Underground/Piping	100%	100%	Fire 100% of joints and thrust blcks, pipe may becovered for fire
Hydrostatic	Prep	100%	Fire-Specific fire apparatus access, fire protection equipment, exit discharge requirements, and fire responder access.
Temporary Standpipe	Prep/Test	100%	
<b>Fire Sprinkler Above Ground</b>			
Welding		100%	
Rough Piping		100%	
Hydrostatic Testing		100%	
Valve Testing/Monitoring		100%	FA Shop Support
Final		100%	
<b>Fire Alarm System</b>			
Wiring	100%	10-20%	FA Shop Support
Battery Test		100%	FA Shop Support
EOL Verification	100%	100%	FA Shop Support
Monitoring Test		100%	FA Shop Support
Final		100%	FA Shop Support
<b>Fire Supsession System</b>			
Rough Piping		100%	
Valve Testing/Monitoring		100%	FA Shop Support
Final		100%	
<b>Smoke Control System</b>			
Exit Door Pressure		100%	
Fire Alarm & Dampers	100%	10-20%	FA Shop Support
Performance Test	3rd Party	3rd Party	Witness 3rd Party Testing
<b>Emergency Responder Radio Coverage</b>			
Survivability	100%	20%	
System Test	3rd Party	100%	In addition to 3rd Party testing verified by IOR