Print Form

Critical Component Design and Review Checklist Form 200-21

Santa Barbara County Air Pollution Control District
260 N. San Antonio Road, Suite A
Santa Barbara, CA 93110-1315

I. General

Company Name			
Facility Name		Facility ID	
Main Facility Permit		Component Leak Date	
Component Type		Component ID	

Contact Info

Name			
Phone Number	ext	Email	

II. Wellhead Critical Components

☐ Yes ☐ No — Is the component located on a wellhead between the casing and first isolation valve? **If Yes, the component will require use of a rig to repair the leak. Repair timeline is subject to rig availability and therefore the component may be deemed critical.**

III. General Critical Components

☐ Yes ☐ No — Is the component located on or feeds a critical process unit and the critical process unit does not have a backup? **If Yes, component may be critical, answer the questions below.**

☐ Yes ☐ No — Can the component be bypassed or isolated? **If Yes, stop. Component is not critical.**

☐ Yes ☐ No — Can the component be repaired without shutting down the critical process? i.e. feasibility of an online repair must be considered. The "drill and tap" method for repairing leaking valves is generally considered technically feasible without requiring a process unit shutdown and should be tried if the first attempt at repair does not eliminate the leak. **If Yes, stop. Component is not critical. If No, submit a detailed statement as to why an online leak repair is not feasible.**

☐ Yes ☐ No — If the critical process is shutdown, will it be offline for less than 24 hours? **If Yes, stop. Component is not critical. Shutdowns less than 24 hours are not considered process unit shutdowns.**

☐ Yes ☐ No — Will estimated emissions from the leaking component for up to one year exceed facility wide excess emissions from immediate shutdown and restart of the critical process? **Provide emission calculations.**

Submit the following information as an attachment.

☐ Submit documentation of the component service (gas or light liquid, etc.) as well as the operating pressure and temperature.

☐ Submit a P&ID, PFD or other relevant process diagrams or schematics clearly indicating the location of the component and the critical process unit.