

**Bureau of Mining Regulation and Reclamation**  
**GUIDANCE DOCUMENT ENGINEERING DESIGN CHANGE**

**The following are examples of actions that require submittal of an Engineering Design Change (EDC):**

- A change to process solution containment.
- A change in the design or location of a process component that may alter the potential to degrade waters of the State, but not in a major way (if significant, the change is either a minor or major modification) - specification change, or new type of equipment.
- A change requiring the permit to be revised, such as a change to monitoring requirements.
- A proposed increase of process solution flow in excess of the maximum design rate approved in the permit.
- A change to the operating plans, if the change results in an increase in the potential to degrade waters of the State.

The Nevada-licensed Professional Engineers stamp is required for engineered change to containment or process component design.

There is a fee of \$1,000 for each EDC.

**The following are examples of actions that are not EDCs:**

- Routine repairs and maintenance.
- Replacement with like equipment.
- Pipe routing changes using equivalent specifications and alignment.
- Changes to the operating plans, if there is no effect on the potential to degrade waters of the State.
- Phased expansions for which the design has previously been submitted and approved by the Bureau and which are already included in the permit.

Other than routine repairs and maintenance, the permittee is advised to notify the Bureau prior to starting any of the non-EDC examples listed above.

In general, the permittee should use common sense. If the action seems like something the Bureau should probably want to tell us about, please tell us. When in doubt, contact the Bureau.