

OIL & GAS EQUIPMENT PERMITTING REQUIREMENTS

This is a general guide only, additional items may be required

PROCESS PIPE AND SUPPORTS ARE EXEMPT FROM BUILDING PERMITS.

3 sets of the following items should be included with a complete application for submission

1) Processing Equipment requirements: Engineered Foundation, and Site soils report shall be submitted with permanent installations (Alternative designs might be acceptable with approval, for example helical piers).

2) Equipment Elevation (needed to assist plans examiner and inspectors with equipment identification).

3) Site plan with Setback distances to property lines, USR boundary and other equipment and/or buildings. [See site plan handout for example.](#)

a) All equipment being permitted must be **clearly identified** on plot plan and Application Description. (Equipment name or ID number, etc.).

4) Include and identify all equipment being permitted on application description. Submitting a separate complete itemized equipment list with the permit application as a supplement is recommended for clarity.

5) Pipe Racks are required to be permitted any time they are supporting cable tray. When installed, pipe racks can be grouped together with processing equipment. Complete Stamped by a Colorado Engineer foundation and Engineered Structural plans are required. **3a) Must be clearly identified on plot plan.**

6) Communication towers are required to be permitted. Complete Stamped by a Colorado Engineer foundation and Structural plans are required (including grounding details). **3a) Must be clearly identified on plot plan. The “fall down” radius of the proposed tower should also be identified**

7) Tanks:

a) **Pre-Fab**; Manufacturer Specifications are required with each permit Height, bbls, # of tanks on the application. Tank locations need to be identified on the plot plan/equipment layout drawings.

b) **Built on Site** (steel welded tanks); Engineered Foundation and Structural Plans stamped by Colorado Engineer with Design Info on plans, Height, bbls, # of tanks on the application. Tank locations need to be identified on the plot plan/equipment layout drawings.

8) Pre-Fabricated Structures (Resolution 35 Structures):

If structure is permanently installed, provide Complete **Engineered Foundation Details**.

- a) **New:** State approved plans with elevations and Design Information (Building Must have Colorado Division of Housing “INSIGNIA” attached to it at final building inspection).
- b) **Used:** At least two pictures/elevations and a clear readable picture of Colorado Division of Housing insignia shall be provided if state approved plans are not available.

Multiple Structures may be allowed with approval. A site drawing showing structure locations and separate itemized sheet listing all structures uses and sizes will be required at time of application.

9) Built on-site Structures: Two Complete sets (stamped by Colorado engineer) Building and Foundations Plans, Floor Plan, and at least one copy of Soils Report Shall be provided at time of Building Permit Application. (As an option to providing a copy of soils report, the applicant can choose to have a licensed engineer perform an “Open Hole Inspection” and provide results to County Inspector during footing/foundation inspection). **3a) Each building must be clearly identified on Plot Plan and Application Description.**

All work to be completed within any Building must be applied for when applying for the Building Permit. Stamped Engineered plans for: Electrical, Plumbing, and Mechanical Plans must be provided with sufficient details to verify code compliance of work to be done.

NOTE TO APPLICANTS:

Only one building is allowed per application.

10) Site Electrical work shall be applied for under one permit. If needed, Site Electrical can be combined with an MCC OR PDC building (MCC and Site Electrical).

Complete One-line Electrical Plans are required for All Commercial work. Systems over 400 AMPS Must be stamped by a Colorado Electrical Engineer. Two sets of electrical plans showing one-line diagram, panel schedule, grounding, motors, area classification map, wire sizes, amps/loads and Fault Current Calculations are required to be submitted with the permit application.