

**SAMPLES OF APPROVED "DEFINED SCOPES OF PRACTICE"  
Registered Professional Technologists (Geology) and (Geophysics)**

Because the Registered Professional Technologist (Geological) and Registered Professional Technologist (Geophysical) designation is new, there are no approved Defined Scopes of Practices in place yet for R.P.T. (Geol) and R.P.T. (Geoph).

Shown below are examples of defined scopes of engineering practice that the APEGGA Board of Examiners has approved for Registered Professional Technologists (Engineering) [R.P.T. (Eng.)]. These examples are given for illustrative purposes only and you may find them helpful in developing your proposed defined scope of practice. Scopes for individuals will vary, even within the same discipline; however, you may wish to refer to these scopes as a general guide in developing your scope of practice. **It is important that the defined scope of practice accurately describes your knowledge, experience and abilities, and falls within the scope of "geology" or "geophysics".**

1. Design of low voltage power, control, and instrumentation system for oil and gas production and storage facilities.
2. Design, inspect, test and report on fire protection suppression systems for industrial, commercial and residential facilities.
3. Design of sanitary sewage collection systems, storm water collection systems and storm water management systems.
4. Within the discipline of Petroleum Engineering: design surface and subsurface wellsite facilities: design and direct implementation of well work over programs; design, implement and analyze reservoir evaluation and exploitation programs.
5. Within the discipline of Petroleum Engineering: Manage, design and implement drilling, completions, workovers, abandonments of oil and gas wells, associated pipeline and facility construction projects. Manage and coordinate production operations of oil and gas wells and associated facilities.
6. Within the discipline of Mechanical Engineering: Design and inspection of piping and pipeline gathering systems for oil and gas facilities.
7. Within the discipline of Petroleum Engineering: Design and implementation of oil and gas well drilling, abandonment, work-over, and completion projects. Coordinate production operations of oil and gas wells and associated pipeline facilities.
8. Within the discipline of Petroleum Engineering: Planning, evaluating, advising on and coordinating the development of new and existing oil and gas reservoirs.
9. Within the discipline of Mechanical Engineering: Design and coordinate the maintenance and optimization of existing surface facilities for oil and steam production.