



Qualified Persons Who Will Do The Work?

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- Professional Signoff – current context
- **AENV Competencies**
- Competency – knowledge, assurance, context
- Example – phase II
- **Joint Practice Standard** – evolution from AENV competencies
- JP Standard - Defined Responsibilities
- Cost Consideration

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PROFESSIONAL SIGNOFF

Environment

[Alberta.ca](#) > [Environment](#) > [Programs / Services](#) > [Reclamation and remediation](#) > [Upstream oil and gas](#) > Professional Sign Off for Certificate Work

Professional Sign Off for Upstream Oil and Gas Reclamation Certificate Work

Since January 1, 2008, members of six professional organizations must be involved in and sign-off on all land remediation and reclamation work on upstream oil and gas sites. To support professional sign-off, a [Joint Practice Standard](#) has been developed by six professional regulatory organizations in consultation with the Alberta government.

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ALBERTA ENVIRONMENT COMPETENCY TABLE

Formulated in February, 2006

Two key components required:

- Core knowledge
- Quality Assurance
 - Qualifications = Experience + Education + Training

COMPETENCY TABLE USE

FOUR USES:

- Set as the foundation for professional sign-off
- Basis for hiring staff used in R&R work
- Basis for developing appropriate training & orientation for actual R&R work
- Checklist supporting government audit of R&R work

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PROFESSIONAL RESPONSIBILITIES

■ Who Does the Work In Alberta?

- ❖ **Professional Member** – licensed or registered member in good standing in one of the 6 PROS organizations.
- ❖ **Practitioner** who is competent to sign off R&R work by virtue of having the educational and experience requirements shown in the competency tables
- ❖ **PRO Competency - Self Declared:** BUT backed by Professional Organization
 - **Required Competencies AND Skills, Demonstrated CPD**
 - **Entrenched Discipline & E&O Insurance**



COMPETENCIES CORE KNOWLEDGE

- Legislation & guidelines, policies
- Information sources
- Ability to prepare reports
- Reclamation and remediation protocols
- Read map/survey information
- Communication skills
- Team skills
- Know physical, chemical & biological systems

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COMPETENCIES QUALITY ASSURANCE

- Advanced training – to deal with many issues
- Senior support and consultation
- Performance audits by supervisors
- Performance audits by government
- Use of standard field tests and assessment protocols
- Appropriate practitioner for the task!
- Task observed competency = oversight

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COMPETENCIES CONTEXT

- Process is multi-disciplinary – mostly by teams
- R&R tasks apply on ALL lands
- Many sites are more basic BUT
- Enough sites are VERY complex or specialized
- Construction practice knowledge is KEY
- Communication with all stakeholders – KEY
- Accurate record keeping – KEY
- Professional organizations – KEY to PRO MGMT!

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PHASE II ASSESSMENTS

Knowledge & Experience with:

- Distribution, fate & potential migration of C
- Ability to recognize GW impacts & types
- Knowledge of tools, specialists needed and availability & data objectives
- Knowledge of AND experience with investigation and sampling methods,
- Science Knowledge (Soil, contaminants, water/transport)
- Data quality objectives
- Understand increased risks of different receptors


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Competency Upstream Projects

	Wk Plan	Field Work	Proj. Coord.	Reporti ng
Written communication	4	2	3	5
Oral communication	3	4	5	3
Field experience	5	5	5	4
Knowledge of Regs. etc.	5	4	3	5
Technical/scientific knowledge	4	3	3	5
Organizational skills	4	4	5	3
Supervisory skills	3	4	5	3
0 – not required	to 5 - must be fully competent			

Levels of Experience



Senior	<ul style="list-style-type: none">• Technical Review• Project Mngmnt
Intermediate	<ul style="list-style-type: none">• Field work• Report writing• Project Mngmnt
Junior	<ul style="list-style-type: none">• Field work• Know tools

JOINT PRACTICE STANDARDS

- Industry, government & consultants formed a “Practice Standard” – September, 2007
- A Joint Environmental Professional Practice Board established November, 2006
- Standard outlined ALL party responsibilities
- Professions legally responsible for members

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PRATICE STANDARD PURPOSE

- It provides an acceptable level of standard for R&R work
- It provides consistency in standards application
- It gives the public and industry a higher level of confidence
- Sign-off informs public that pros meet profession's standards

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PRACTICE STANDARD SECTOR RESPONSIBILITIES

- Clients
- Government Regulators
- Professional Regulatory Organization
- Professional Members
 - Coordinating Pro
 - Contributing Pro
 - Registered Technologist in Agrology
 - Competent Practitioners

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COMPETENT PRACTITIONERS

- ❑ **Work** may be completed for the items previously identified by individuals who are NOT registered as a professional member – known as a “*competent practitioner*”.
- ❑ The **STANDARD** suggests that this individual be chosen by a professional member, whether that member is the client, coordinating pro or contributing pro.
- ❑ The **Pro** who engages the “*competent practitioner*” shall accept professional responsibility for the work completed by the “*competent practitioner*”

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REMEDICATION PROGRAMS

- Remediation Certificates
- Tank Site Remediation Program – AB Mun. Affairs
- Remediation – Reclamation Program

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Alberta Institute of Agrologists

- Right to Practice Legislation – Mandatory Registration if practicing and if qualified
- 32 Practice Areas
- CPD – based on PA’s and “Learning”
- Audit Pros CPD’s
- Practice Reviews – needs to happen!
- Competencies – verified by OTHER Pros

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