

## INVENTORY OF SKILLS INSPECTOR

Date: \_\_\_\_\_

Name	Date Completed
<b>FORMAL TRAINING</b>	
Construction Inspection	_____
SM--Classification of Soils--Level I	_____
Structure Planning for Technicians	_____
Concrete (ACI Concrete Field Testing Technician)	_____
Concrete Fundamentals	_____
_____	_____
_____	_____

### KNOWLEDGE AND SKILLS\*

#### Contract Administration Requirements

- \_\_\_ NRCS Policy
- \_\_\_ Authority and Responsibility
- \_\_\_ Federal Contract Clauses
- \_\_\_ Local Contract Clauses
- \_\_\_ Construction Schedule
- \_\_\_ Documentation
- \_\_\_ Inspectors Duties
- \_\_\_ Diary Entries
- \_\_\_ Reports
- \_\_\_ Show Sites to Bidders
- \_\_\_ Preconstruction Conferences
- \_\_\_ Modifications
- \_\_\_ Payment Estimates
- \_\_\_ Safety and Health
- \_\_\_ Prepare As Built records

#### Engineering Requirements

- \_\_\_ Specifications and drawings
- \_\_\_ Design Report
- \_\_\_ Geology
- \_\_\_ Soil Mechanics
- \_\_\_ Earthwork Construction and Testing
- \_\_\_ Concrete Construction and Testing
- \_\_\_ Drainfill Construction and Testing
- \_\_\_ Pipe Installation
- \_\_\_ Reinforced Concrete
- \_\_\_ Corrugated Metal
- \_\_\_ Welded Steel
- \_\_\_ Material Certification
- \_\_\_ Tolerances
- \_\_\_ Equipment Performance
- \_\_\_ Instrumentation
- \_\_\_ Surveys Required

\* 2 = understands;    3 = needs supervision;    4 = applies independently; &    5 = proficient

#### References to use in determining skills:

- National Engineering Manual, Part 512 (construction), Part 540 (field surveys)
- National Contracts, Grants & Cooperative Agreement Manual, Part 517 (contract administration)
- National Engineering Handbook 19, Construction Inspection
- Engineering Field Handbook
- Occupational Safety and Health Regulations for Construction, Part 1926

