



# Ready Reference Checklist

## FOUNDATION DRILL RIGS

### YOU WILL NEED A DRILL RIG:

- Capable of handling a 12 in. outside diameter Test Pipe 8 ft. in length

### THE FOLLOWING IS REQUIRED FOR EACH DRILL RIG:

- A cylindrical Test Pipe, 12 in. diameter and 8 ft. tall., weighing 400 lb. – 800 lb.
- Two empty steel drums approximately 22 in. outside diameter and 34 in. high (e.g., 55-gallon drum), open at one end
- PVC pipe, white, 1½ in. (SCH 40), sufficient to make 12 standard 36 in. poles (see page 24 for illustration)
- Two 4 ft. × 4 ft. sheets of ¾-inch CDX-grade (or better) plywood, placed under barrels and secured or weighted as necessary to prevent movement
- ¾-inch, CDX-grade (or better) plywood or 1-inch high density polyethylene (HDPE)\*, sufficient to create 12 pole bases, 12 in. × 12 in. (nominal); must weigh 5 lb. ± 10%
- 13 tennis balls
- 100 ft. brightly colored string line (for Corridor and Test Site layout use) **NOTE: Chalk line may NOT be used**
- Spirit level to verify levelness (minimum 2 ft. length)
- Paint (orange or red) for painting the tops of the poles and chain **NOTE: Red tape may be used for the poles**
- Paint of contrasting color for identifying the barrels, marking the Test Pipe
- Handheld wind speed indicator (anemometer)
- Two 100 ft. tape measures
- Stopwatches and clipboards for Examiner(s) and Proctor(s)

### \*EQUIPMENT SOURCES

NCCCO does not endorse or recommend specific vendors of any equipment, but the following source may help you find required materials and equipment:

- **HDPE bases:** House of Plastics (part number HOP01-055), 2580 S. Orange Blossom Trail, Orlando, FL 32805, 407-843-3290, [plastics@hopu.com](mailto:plastics@hopu.com)