

Worksheet A

Reading Air Flows at Manifolds and Meter Panels

Procedure:

At manifold and meter panel locations:

- Step 1** Record meter panel designation or manifold location and associated air pipe.
- Step 2** Record delivery pressure. (Meter Panel should be 10 PSI; manifolds should be a minimum of 7.5 PSI.)
- Step 3** Record air flow in Standard Cubic Feet per Hour (SCFH) for each cable fed by the manifold or meter panel. If flow rater on meter panel is pegged, use portable flow rater (0–20 SCFH). Use Flow Gauge for readings on System Studies Distribution Panels.

Review Checklist

Task Number: _____

Date: _____

Hours Worked: _____

Office: _____

Pipe Route: _____

Name: _____

Equipment and Procedures Required:

- C Pressure Gauge
- Flow Gauge
- Portable Flow Rater (0-20 SCFH)
- Calculator

Pipe Alarm Panel Flow _____ SCFD _____ SCFH

Pipe Delivery Pressure _____ PSI

Total Flow of all Manifolds _____ SCFH

