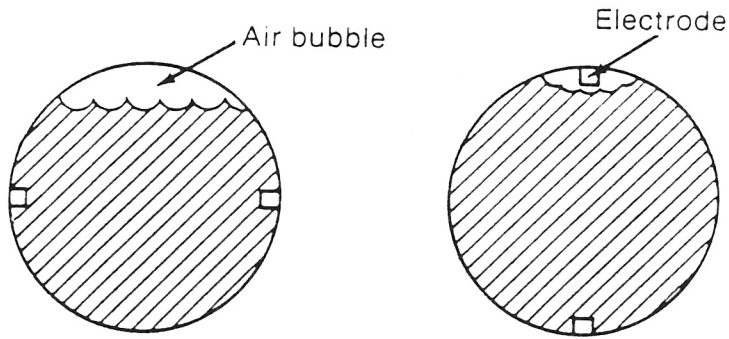


(A) Full pipe: correct

(B) Partially full pipe:  
high measurement

(C) Partially full pipe:  
no measurement

**FIGURE 11-12**  
*Effect of liquid fill level.*



(A) Horizontal orientation:  
correct

(B) Vertical orientation:  
incorrect

**FIGURE 11-13**  
*Electrode orientation.*