

## Equipment Checklist

### FM 1-T 267 Determination of Organic Content in Soils by Loss on Ignition

		P	F	N/A
<b>Apparatus</b>				
1.	Drying Oven – Capable of maintaining temperatures of 230°F ± 9°F (110°C ± 5°C)			
2.	Balance – Readable to 0.01g of sample mass with an accuracy of 0.02 g or 0.1% and conforming to Class G 1 of AASTHO M 231			
3.	Muffle Furnace – Capable of maintaining 833°F ± 18°F (455°C ± 10°C) with an appropriately sized combustion chamber			
4.	Muffle Furnace – Pyrometer recorder shall indicate temperature when in use			
5.	Crucibles or Evaporating Dishes – 30- to 50-mL high silica, alundum, porcelain, or nickel crucibles or Coors porcelain evaporating dishes, approximately 100-mm top diameter			
6.	Desiccator – Of sufficient size containing an effective desiccant			
7.	Containers – Suitable rustproof metal, porcelain, glass, or plastic-coated containers			
8.	Miscellaneous Supplies – Oven gloves, tongs, spatulas, etc.			

**Remarks:**

Date: \_\_\_\_\_ Technician: \_\_\_\_\_ IA Observer: \_\_\_\_\_

Technician's E-mail Address: \_\_\_\_\_

Employer's/Supervisor's E-mail Address: \_\_\_\_\_