

#82

COMPLETE

Collector: Web Link 2 (Web Link)
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Page 1: General Information

Q1

Laboratory Information

Laboratory Manager	Scott Mensen
Laboratory Name	Yankee Engineering - Worcester
Address	10 Mason Street
City/Town	Worcester
State	MA
ZIP	01609
Phone Number	508-831-7404

Q2

NETTCP Certification Number

280 - Yankee Worcester

Q3

Laboratory Technician Certification Numbers

Quality Assurance Technologist	674
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Q4

Laboratory Category

1

Q5

NETTCP Certified

YES

Q6 **YES**

FAA NE Region (NETTCP Certified for FAA)

Q7 **NO**

AASHTO Accredited (check the AASHTO website for up to date certifications)

Q8

Aggregates (AASHTO/ASTM)

	AASHTO	ASTM
Material Finer Than #200 Sieve by Washing (T11/C117)	✓	✓
Unit Weight and Voids in Aggregates (T19/C29)		
Organic Impurities in Fine Aggregate for Concrete (T21/C40)	✓	✓
Sieve Analysis of Fine and Coarse Aggregates (T27/C136)	✓	✓
Sieve Analysis of Extracted Aggregate (T30/D5444)	✓	✓
Reducing Aggregate Samples (R76/C702)	✓	✓
Vacuum Drying Compacted Asphalt Specimens (R79/D7227)		
Specific Gravity and Absorption of Fine Aggregate (T84/C128)		
Specific Gravity and Absorption of Coarse Aggregates (T85/C127)		
Coarse Aggregate L.A. Abrasion (T96/C131)	✓	✓
Soundness of Aggregates (T104/C88)		
Sand Equivalent Test (T176/--)	✓	✓
Moisture Contents of Aggregates (T255/C566)	✓	✓
Un-compacted Void Content of Fine Aggregate (T304/--)		
Flat & Elongated Particles in Coarse Aggregate (--/D4791)		✓
Percentage of Fractured Particles in Coarse Aggregate (--/D5821)		✓
Specific Gravity and Absorption of Aggregate using Vacuum Saturation and Rapid Submersion (--/D7370)		

Q9

HMA

	AASHTO	ASTM
Extraction of Asphalt Binder from HMA (T164/D2172)		
Bulk Specific gravity of HMA (T166/D2726)	✓	✓
Theoretical Specific Gravity of HMA (T209/D2041)	✓	✓
Marshall Test Procedure (T245/D6926)		
Resistance of Compacted HMA to Moisture Induced Damage (T283/--)		
Draindown in Uncompacted Asphalt Mixtures (T305/--)		
Asphalt Binder Content by Ignition Oven (T308/D6307)	✓	✓
Density of HMA by SuperPave Gyratory (T312/D6925)		
Moisture Control of HMA (T329/--)	✓	✓
Bulk Specific Gravity of HMA using Automatic Vacuum Sealing (T331/--)		
Thickness of Compacted HMA Specimens (--/D3549)	✓	✓
Vacuum Drying Compacted HMA Specimens (R79/--)		

Q10

Concrete

	AASHTO	ASTM
Compressive Strength of Concrete Cylinders (T22/C39)	✓	✓
Making and Curing Concrete Specimens in the Field (T23/C31)		
Flexural Strength of Concrete with Third Point Loading (T97/C78)		
Slump of Concrete (T119/C143)	✓	✓
Density and Yield of Concrete (T121/C138)	✓	✓
Moist Rooms and Water Storage Tanks for Curing Concrete Specimens (M201/C511)	✓	✓
Air Content of Concrete by Pressure Method (T152/C231)	✓	✓
Air Content of Concrete by Volumetric Method (T196/C173)	✓	✓
Capping Cylindrical Concrete Specimens (T231/C617)	✓	✓
Temperature of Concrete (T309/C1064)	✓	✓

Q11

Soils

	AASHTO	ASTM
Materials Finer than #200 Sieve by Washing (T11/C117)	✓	✓
Sieve Analysis of Fine and Coarse Aggregates (T27/C136)	✓	✓
Particle Size Analysis of Soils (T88/C422)	✓	✓
Liquid Limit of Soils (T89/D4318)	✓	✓
Plastic Limit of Soils (T90/D4318)	✓	✓
Moisture Density Relation of Soils with 5.5lb Hammer (T99/D698)	✓	✓
Sand Equivalent Test (T176/D2419)		
Moisture Density Relation of Soils with 10.0lb Hammer (T180/D1557)	✓	✓
Moisture Content of Soils (T265/D2216)	✓	✓
Gain Size Analysis of Granular Soils (T311/--)	✓	✓