

EARTHWORK/BASE TECHNICIAN CERTIFICATION EXPERIENCE FORM

In order to be certified by the SCDOT as an Earthwork/Base Technician, an individual needs to have a certain minimum level of familiarity and experience with the related test procedures, forms, specifications, and general operations. The signature on this form attests that the individual has **demonstrated** to a certified Earthwork/Base Technician (hereafter referred to as the "Rater") his/her experience in the areas indicated. This form must be submitted at least one (1) month prior to the class. Applicants without the appropriate completed experience form submitted by the deadline will have their class space forfeited. Refer to the "Policy for Required Experience for SCDOT Technician Certification" for additional information.

This form should be submitted to:

CICA/Clemson University
200 Lowry Hall
Clemson, SC 29634-0912
Phone: 864-656-4183 Fax: 864-656-0124

_____ Applicant Name	_____ Company
_____ Phone	_____ Address
_____ Alternate Phone	_____

I. General information for use in determining Earthwork/Base Applicant's qualification:

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| <ol style="list-style-type: none"> 1. Applicant is familiar with specifications and special provisions concerning soils and earthwork construction and materials. _____
<i>Rater's Initials</i> 2. Applicant has demonstrated the ability to read and interpret plans. _____
<i>Rater's Initials</i> 3. Applicant has demonstrated the ability to identify unusual conditions encountered in grading operations. _____
<i>Rater's Initials</i> 4. Applicant has knowledge of drainage construction and pipe installation. _____
<i>Rater's Initials</i> 5. Applicant has knowledge of sampling procedures for soil pits. _____
<i>Rater's Initials</i> 6. Applicant has general knowledge of soils and their usefulness. _____
<i>Rater's Initials</i> 7. Applicant has knowledge of grading and compaction equipment and procedures including calculations to determine compaction. _____
<i>Rater's Initials</i> 8. Applicant has the ability to check cross-slope of subgrade, subbase or base by use of hand or eye level and to check grade from offset stakes. _____
<i>Rater's Initials</i> | <ol style="list-style-type: none"> 9. Applicant has knowledge of base construction operations to include mixing and shaping and base plant operations when applicable. _____
<i>Rater's Initials</i> 10. Applicant has the ability to calculate the rate of application of cement (cement-modification), aggregate and other similar materials. _____
<i>Rater's Initials</i> 11. Applicant has general knowledge and capabilities required in base construction operation. _____
<i>Rater's Initials</i> 12. Applicant has the ability to determine depth of all subbases and base courses. _____
<i>Rater's Initials</i> 13. Applicant has the ability to calculate the rate of application of bituminous materials. _____
<i>Rater's Initials</i> 14. Applicant has the ability to keep appropriate records and make accurate measurements to include excavation. _____
<i>Rater's Initials</i> 15. Applicant has knowledge in determining relative hardness of evaluation compaction of macadam and base courses by shovel method. _____
<i>Rater's Initials</i> |
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**II. Applicant has six months minimum related experience in Earthwork and Base Course construction and testing which includes SC-T-1, SC-T-2, SC-T-22, SC-T-29, and SC-T-31. _____
*Rater's Initials***

*Note: Integrity is the backbone of any quality control program. By signing this form, I am certifying that I have **personally witnessed** the above individual complete the items stated and understand that the SCDOT Technician Certification Board will take action against me for any falsification of documents.*

_____ Rater's Signature	_____ Applicant's Signature
_____ Rater (Print Name)	_____ Date Signed
_____ Rater SCDOT Earthwork/Base Certification No.	_____