



QUICK REFERENCE GUIDE:

Reference Specifications

Background:

Reference specifications bring the Standard Specification from our Spec books into the system (example SSHC 2020 or SSAC 2022). As new standards are published, these will need to be added to the system. There are two options:

1. Manually Add the Standard Specifications - Follow this guide to create standard specifications.
2. Import Ref Spec Worksheet - Reach out to the AWP team at dot.awp.implementation.team@alaska.gov for a Ref Spec Template Worksheet. If you use the worksheet, it can be loaded into the system.

If you are creating Contract or Regional Modifications, go to the *Contract Materials – Reference Specifications QRG*.

Roles:

Global Materials Admin, Material Rovers

Many Construction & Material roles can view only

Navigation:

Materials Reference Data or Reference Data > Materials >

1. On the Material Overview page, use the search and filter fields at the top of the page to find the desired material and click its **Material Code** link.
2. Select the **Action Relationships** tab on the left.

3. In the Additional Action Relationships section, find the row with Specification in its header.
 - a. If there is no additional action relationships with Specification in the Description. Click the **New** button.
 - b. Add an **Effective Date, Status, and Action Relationship Description** of Material Code Specification. Example 203-2.01-EX Specification. Click **Save**.
4. On the Specification Row, click on the **Row Actions Menu**, and select the **Open Reference Specifications** link.
5. On an existing specification row, click the **Row Actions Menu** and click **Copy Reference Specification**.
6. In the Copy Reference Specification modal window, rename the **Specification Name**.
7. Select the appropriate material and click the **Add to Action Relationship** button on the bottom right.
8. Click the hyperlink under Specification Name to open the Reference Specification.
9. If **Standard Spec?** Box is checked. Uncheck and save in order to edit fields.
10. On the Reference Specification Summary page, a specification can have multiple conditions (Example of Condition Field D-1, C-1, etc), each of which can have multiple fields that define acceptable values for that condition. Click the arrows on the left to expand the desired condition and fields.
11. Edit fields as needed and **Save**.

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- a. If additional tests are being added, Field Name must match the Field Name on the Agency View. See attached document for Field Names.

12. If this is a Standard Specification – check the **Standard Spec?** Box to lock down the fields and **Save**.

Next Steps:

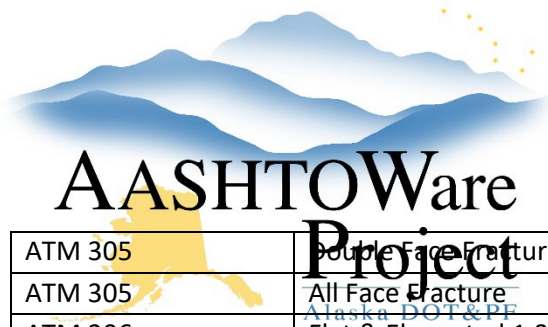
N/A

Below you will locate the Test Method AV you are editing the specifications for, copy the **Field** Name and match the **Condition Field Type** fields. If you copied from an existing material with the same Test Method AVs, you should not have to change or alter this.

Test Method AV	Field	Condition Field Type
AASHTO T 104	Sodium Sulfate Loss	Numeric w/ Min/Max
AASHTO T 106	Compressive Strength	Numeric w/ Min/Max
AASHTO T 291	ppm	Numeric w/ Min/Max
AASHTO T 112	% Friable	Numeric w/ Min/Max
AASHTO T 164	Asphalt Content	Numeric w/ Min/Max
AASHTO T 22	Compressive Strength	Numeric w/ Min/Max
AASHTO T 289	pH	Numeric w/ Min/Max
AASHTO T 290	ppm	Numeric w/ Min/Max
AASHTO T 304	FA Angularity	Numeric w/ Min/Max
AASHTO T 48	Corrected Flash Point	Numeric w/ Min/Max
AASHTO T 59	Viscosity	Numeric w/ Min/Max
AASHTO T 59	Average Residue	Numeric w/ Min/Max

AASHTO T 59	Oversize Particles	Numeric w/ Min/Max
AASHTO T 59	Particle Charge	Alphanumeric
AASHTO T 59	Residue	Numeric w/ Min/Max
AASHTO T 59	Oil Distillates	Numeric w/ Min/Max
AASHTO T 88	Total % 0.02 mm	Numeric w/ Min/Max
AASHTO T 96	Percent Wear	Numeric w/ Min/Max
ATM 203	Organic Content	Numeric w/ Min/Max
ATM 204	Liquid Limit	Numeric w/ Min/Max
ATM 205	Plasticity Index	Numeric w/ Min/Max
ATM 206	pH	Numeric w/ Min/Max
ATM 213	Percent Compaction	Numeric w/ Min/Max
ATM 304	4 in (100 mm)	Numeric w/ Min/Max
ATM 304	3 in (75 mm)	Numeric w/ Min/Max
ATM 304	2 in (50 mm)	Numeric w/ Min/Max
ATM 304	1.5 in (37.5 mm)	Numeric w/ Min/Max
ATM 304	1 in (25 mm)	Numeric w/ Min/Max
ATM 304	0.75 in (19.0 mm)	Numeric w/ Min/Max
ATM 304	0.5 in (12.5 mm)	Numeric w/ Min/Max
ATM 304	0.375 in (9.5 mm)	Numeric w/ Min/Max
ATM 304	#4 (4.75 mm)	Numeric w/ Min/Max
ATM 304	#8 (2.36 mm)	Numeric w/ Min/Max
ATM 304	#10 (2.00 mm)	Numeric w/ Min/Max
ATM 304	#16 (1.18 mm)	Numeric w/ Min/Max
ATM 304	#30 (.600 mm)	Numeric w/ Min/Max
ATM 304	#50 (.300 mm)	Numeric w/ Min/Max
ATM 304	#100 (.150 mm)	Numeric w/ Min/Max
ATM 304	#200 (.075 mm)	Numeric w/ Min/Max
ATM 305	Single Face Fracture	Numeric w/ Min/Max

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ATM 305	Double Face Fracture	Numeric w/ Min/Max
ATM 305	All Face Fracture	Numeric w/ Min/Max
ATM 306	Flat & Elongated 1:3	Numeric w/ Min/Max
ATM 306	Flat & Elongated 1:5	Numeric w/ Min/Max
ATM 307	Sand Equivalent	Numeric w/ Min/Max
ATM 308	Absorption	Numeric w/ Min/Max
ATM 312	Nordic Abrasion	Numeric w/ Min/Max
ATM 313	Deg	Numeric w/ Min/Max
ATM 315	Up To 25	Numeric w/ Min/Max
ATM 315	More Than 50	Numeric w/ Min/Max
ATM 315	Up To 400	Numeric w/ Min/Max
ATM 315	200 Or More	Numeric w/ Min/Max
ATM 315	More Than 400	Numeric w/ Min/Max
ATM 315	700 Or More	Numeric w/ Min/Max
ATM 315	More Than 1400	Numeric w/ Min/Max
ATM 315	2000 Or More	Numeric w/ Min/Max
ATM 315	More Than 5400	Numeric w/ Min/Max
ATM 410	Panel Percent Compaction	Numeric w/ Min/Max
ATM 410	Joint Percent Compaction	Numeric w/ Min/Max
ATM 414	Percent Aggregate Coated	Numeric w/ Min/Max
ATM 417	Stability (lbs)	Numeric w/ Min/Max
ATM 417	Flow, 0.01 inches	Numeric w/ Min/Max
ATM 417	Total Mix (%VTM)	Numeric w/ Min/Max
ATM 417	Filled (%VFA)	Numeric w/ Min/Max
ATM 417	Asphalt Content %	Numeric w/ Min/Max
ATM 417	Dust-Asphalt Ratio	Numeric w/ Min/Max

ATM 417	In Mineral Aggregate (%VMA)	Numeric w/ Min/Max
ATM 417	Antistrip %	Numeric w/ Min/Max
ATM 417	RAP %	Numeric w/ Min/Max
ATM 419	Average Rut Depth	Numeric w/ Min/Max
ATM 421	2 in (50 mm)	Numeric w/ Min/Max
ATM 421	1.5 in (37.5 mm)	Numeric w/ Min/Max
ATM 421	1 in (25 mm)	Numeric w/ Min/Max

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