California Valleys:

California Valleys are permitted on pitches 2:12 and up. They are allowed but not recommended on pitches greater than 8:12 as shingle offsets can become less than 4 inches.

Roofing cement is not required. If roofing cement is applied, it must be located at or above the nail line of the bleeder.

The first course of shingles should be woven. Run shingle courses from one side extending at least 12 inches past the centerline of the valley creating a trough. Shingle end joints can be no closer than 12 inches from the centerline of the valley. Keep all nails at least 6 inches away from the centerline of the valley.

Install bleeder shingles 2 inches outside the centerline with the exposed portion of the shingle facing into the valley. Once bleeder shingles have been installed all the way up the valley, install full shingles on top of the bleeder, placing the bottom corner of the shingle to the edge of the bleeder.

Shingle offsets can be no less than 4 inches, and not recommended greater than 8 inches for correct installation.