

Monsanto Chemical Company
Texas City, Texas

July 7, 1953

Copies to Those Present:

A. R. Baker
C. F. Eck
W. H. Lane
C. T. Murray ✓
H. G. Schleicher
W. H. Slager
W. E. Wiese

Copies Also to:

H. K. Eckert
R. U. Haslanger
H. E. Morris
F. A. Sherwood/
W. E. Alexander

Minutes of
Specification Committee Meeting
Vinyl Chloride
June 24, 1953

The minutes listed below are not complete minutes. They cover only those points about which there was prolonged discussion. The agreed-upon limits to be incorporated in the Vinyl Chloride specifications are not discussed here. They are included in the specification now being circulated for written approval.

There was a considerable discussion to define the difference between "manufacturing" specs and "sales/customer" specs. It was finally agreed that Standard Chemical Specifications of the Texas Division would be "manufacturing" specifications. It was also pointed out that use of any "sales/customer" specifications would lead to confusion, unless referred to specifically as such.

It was agreed that, to have two grades of material, there must be physical separation of those grades. Hence, there cannot be two grades of VCM, one for Springfield and one for Firestone, unless those grades are separated. So it was agreed that there would be only one grade of VCM, to be known as VCM-300. Therefore, only one specification is required.

It was the consensus of those present that the procedure for handling Standard Chemical Specifications should be issued as a P-bulletin. This will be done.

Firestone has a specification for polymer-relative viscosity. The Research Department has Firestone's procedure, but has been unable to obtain satisfactory check results. Since there is no good Texas City test for polymer-relative viscosity, it was agreed not to include this in the standard specification. (Up to now, all of the Firestone shipments have met the polymer-relative viscosity tests run by Firestone.)

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Firestone has a Dorell weathering test. This test has been run only infrequently at Texas City, and Bill Wiese feels that Firestone won't possibly reject a car on the basis of such test-results. Hence, it was agreed not to include the Dorell weathering test in the standard specification.

Recently, Firestone added limits for chloroprene, vinylidene chloride, and methyl vinyl chloride to their VCM specifications. These three were not originally covered by the contract, and the Sales Department is having further discussions with Firestone about these specifications. It was agreed not to include limits on these three characteristics in the standard specifications, at this time.

Firestone has a water specification of 0.1% maximum. However, there is no satisfactory Texas City method for determining water in this concentration-range. Therefore, it was agreed that the only water limitation would be no free water.

Springfield has a limit on high-boiling liquid impurities, and Firestone has a limit on non-volatiles. The discussion brought out that these two things were not exactly the same. It was agreed that the standard specification would include only a limit on high-boiling liquid impurities.

A limit of six months was set on the vinyl chloride specification.

Bill

Bill Sevier

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