

LDEOC/EOEC SURVEILLANCE PANEL

A LDEOC/EOEC conference call was held on August 14, 2014, at 9 am central standard time. The following members were on the call:

Rick Hartman - Lubrizol
Mike Kasimirsky – TMC
Gil Reinhard – Intertek
Mike Lopez - Intertek
Mike McMillan – Infineum
Doyle Boese - Infineum
Kaustav Sinah - Oronite
Mike Birke – SwRI
Becky Grinfield – SwRI
Kevin Rettman – Intertek
Jason Bowden – OHT

Doyle Boese reviewed the statistical analysis he performed on the baseline data. The purpose of the study was to determine whether the instrumentation used to make the baseline measurements contribute towards the lab differences. In summary, there are statistical differences between labs on all the measured parameters – hardness, tensile, elongation. For tensile and hardness, one lab also had directionally opposite results between the two elastomers relative to the other labs. Questions arose as to what instruments were used to perform the measurements, specifically, the brand, model, and age of instrument. Mike Birke will review the hardware survey performed recently to determine whether any correlation exists. Further, Mike Birke will send out three different types of elastomers, donated by OHT, and have each participating lab perform baseline measurements on each instrument. The measurements will be performed once on two separate days for a total of two measurements. The intent is to obtain a sense of repeatability within the labs across different instruments. Currently, no such information exists. D7216 refers to separate methods for the measurements, which are not under the jurisdiction of D02. Once all the data is received, Mike Birke will reach out to the appropriate D11 chairperson for additional guidance. Mike Kasimirsky suggested that the LDEOC batch code reporting be standardized like the EOEC. The group agreed, and the proposed reporting is as follows:

Nitrile – HNBR1-XX
Polyacrylate – ACM1-XX
Fluoroelastomer - FKM1-XX
Silicone – VMQ1-XX
Ethylene Acrylate – AEM1-XX

XX denotes the batch number. The group voted unanimously 7-0-0 to approve the batch codes. This new reporting format will go into effect on September 1, 2014. The meeting adjourned at 9:50 central time.