

100 YEARS



A PROVEN PARTNERSHIP

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ASTM Gear Rating Task Force Meeting & Gear Rating Workshop January 17 – 19, 2012

January 17, 2012

The ASTM Gear Rating Workshop attendees are as listed:

Mr. Scott Parke, Mr. Art Sanchez, Mr. Jesse Rodriguez, Mr. Frank Lopez, Mr. Marty Rose, Mr. Pat Adams, Mr. Tony Barrera, Ms. Nancy Aguirre and Mr. Bobby Trevino.

Meeting was called to order at 8:30 am by Scott Parke.

The July 2011 meeting minutes were reviewed.

Light meter readings were taken each day before any ratings were done.

Light meter reading results are:

1/17/2012	
Light #	Reading
1	455
2	268
3	399
4	356
5	353
6	382
7	330
8	322
9	419

1/18/2012	
Light #	Reading
1	410
2	380
3	411
4	321
5	370
6	388
7	335
8	360
9	440

1/19/2012	
Light #	Reading
1	424
2	400
3	430
4	310
5	395
6	397
7	335
8	368
9	436

Marty Rose provided a tentative date for the next workshop to be July 30 – Aug. 3, 2012 in Richmond, VA.

The task of developing new L-42 gear tooth templates of different shapes and sizes has not been completed. A discussion regarding the need for a volunteer to take on the task of producing the different shape templates was reviewed. This issue will again be discussed at the July workshop in Richmond, VA.

L-37 Tooth Breakage Definition

Clarification of Broken Tooth definition pertaining to the wording "*coast side of the tooth*". An issue was if the definition intended to read "*Coast side or Opposite side*". The definition was written purposely to read Coast Side.

If the entire coast side of the tooth is blown out and the drive side is ratable, the tooth shall be rated and not be considered a broken tooth. An information letter for using the L-37 broken tooth definition will be issued, i.e.

Broken Tooth Definition:

Distinct from and more extensive than "chipping" (which is defined elsewhere), a broken gear tooth is a gear tooth where some portion of the face of the tooth is missing and the missing portion includes some part of the top land, toe, heel, or coast side of the tooth.

10:00 – 12:00 Set-up calibrations parts and begin calibration ratings.

12:00 – 1:00 Lunch

1:00 – 2:00 Review calibration rating results

2:00 – 4:00 Exchange calibration parts with practical application parts and began ratings.

4:00 Adjourn for the day

January 18, 2012

8:00 – 11:30 Continue rating practical parts

11:30 – 12:30 Lunch

12:30 – 3:00 Continue rating practical application parts and begin rating the L-60 gears with the new rating fixture.
New L-42 RCMS parts were rated to gather data so parts can be introduced into the L-42 RCMS inventory.

3:00 Adjourn for the day

January 19, 2012

Scott Parke and all of the attendees thanked Intertek for hosting the January 2012 Gear Workshop.

Ratings were reviewed and discussed.

The new L-60 rating fixture is still up for review by the Surveillance Panel as more comparison data is needed.

A rating exercise, for the next workshop scheduled in July 2012, will utilize the L-60 rating fixture for all L-60 gears to be rated during the workshop.

The panel discussed rating only front side of each gear to allow for an increase in the number of gears with different *varnish* intensity to be rated.

11:30 – 12:30 Lunch

12:30 – 1:30 Teardown and repacking of rating lights, rating hardware and general cleanup of rating room.

Minutes taken by Ms. Nancy Aguirre, Gear Rating Workshop Secretary.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Arthur Sanchez", written over a horizontal line.

Arthur Sanchez, Chairman

ASTM Gear Rating Task Force

ASTM GEAR RATING TASKFORCE PANEL MEMBERSHIP

<u>MEMBERS</u>	<u>COMPANY</u>
Aguirre, Nancy.....	Intertek
Adams, Pat.....	Afton
Barrera, Tony.....	Intertek
Foecking, Brian.....	Lubrizol
Lopez, Frank.....	SwRI
Lonsway, Chris.....	Lubrizol
Radonich, Pete	Lubrizol
Rodriguez, Jesse.....	SwRI
Rose, Marty.....	Afton
Sanchez, Art, Ldr.	SwRI
Stocks, Wes.....	Afton
Trevino, Bobby.....	Intertek

<u>MAILING DISTRIBUTION</u>	<u>COMPANY</u>
Akucewich, Ed.....	Lubrizol
Tony Barrera.....	Intertek
Bonewald, John.....	SwRI
Gropp, Jerry	Lubrizol
Huron, John.....	Oronite
Johnson, Ron.....	Chevron
Koehler, Brian.....	SwRI
Koglin, Cory.....	Afton
Lind, Don	TMC
McGlone, Bruce.....	Meritor
Parke, Scott.....	TMC
Schenkenberger, Chris.....	Lubrizol
Smith, Dale.....	Intertek PARC
Zakarian, Jack	Chevron

San Antonio, TX, January 17, 2012

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San Antonio, TX, January 18, 2012

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ASTM Gear Rating Calibration Workshop
Attendance Roster
San Antonio, TX, January 19, 2012

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