



# Test Monitoring Center

203 Armstrong Drive, Freeport, PA 16229, USA

www.astmtmc.org  
412-365-1000

MEMORANDUM: 23-019  
DATE: May 16, 2023  
TO: L-37-1 Surveillance Panel  
FROM: Dylan Beck *Dylan Beck*  
SUBJECT: L-37-1 Gleason 2022 MnP Coated Hardware Approval

During an in-person surveillance panel meeting held on May 10<sup>th</sup>, 2023 the panel agreed to approve the use of the Gleason 2022 MnP Coated Hardware effective immediately. The targets for this hardware batch will use the acceptance bands shown in the table below. The batch identifier to be used for this hardware is “04-2021”.

TMC IND	Parameter	N Size	Acceptance Bands
134/134-1	RIDG	6	4 - 6
	RIPP		5 - 8
	WEAR		6 - 7
	SPIT		9.8 - 9.9
152-2	RIDG	5	8 - 10
	RIPP		7 - 9
	WEAR		7 - 8
	SPIT		9.9 - 10.0
155-1	RIDG	7	8 - 10
	RIPP		7 - 9
	WEAR		7 - 8
	SPIT		9.8 - 10.0

DJB/djb/mem23-019.djb.doc

cc: Jeff Clark

Sean Moyer

L-371 Surveillance Panel

<http://www.astmtmc.org/ftp/docs/gear/1371/memos/mem23-019.pdf>

Distribution: email

# L-371 (D8165)

## RIPP

RIPP	134/134-1	152-2	155-1
Current Target	7.4	9.3	8.7
Current s	1.6	0.5	0.7
Current LL	4.52	8.4	7.44
Current UL	10.28	10.20	9.96
Contiguous Mode	7	9	9
Contiguous Range	5 - 9	9 - 10	7 - 10
RWS Average	6.58	8.13	8.14
RWS vs. Target	-0.82	-1.17	-0.56
RWS vs. Mode	-0.42	-0.87	-0.86
RWS Range	5 - 8	7 - 9	7 - 9
Current Range	5 - 10	9 - 10	8 - 9



Contiguous Data on 04-2014 Hardware

# L-371 (D8165)

## WEAR

WEAR	134/134-1	152-2	155-1
Current Target	6.8	8.2	7.9
Current s	0.9	0.7	0.8
Current LL	5.18	6.94	6.46
Current UL	8.42	9.46	9.34
Contiguous Mode	6	8	8
Contiguous Range	5 - 8	7 - 9	7 - 9
RWS Average	6.48	7.58	7.59
RWS vs. Target	-0.32	-0.62	-0.31
RWS vs. Cont. Mode	+0.48	-0.42	-0.41
<b>RWS Range</b>	<b>6 - 7</b>	<b>7 - 8</b>	<b>7 - 8</b>
Current Range	6 - 8	7 - 9	7 - 9

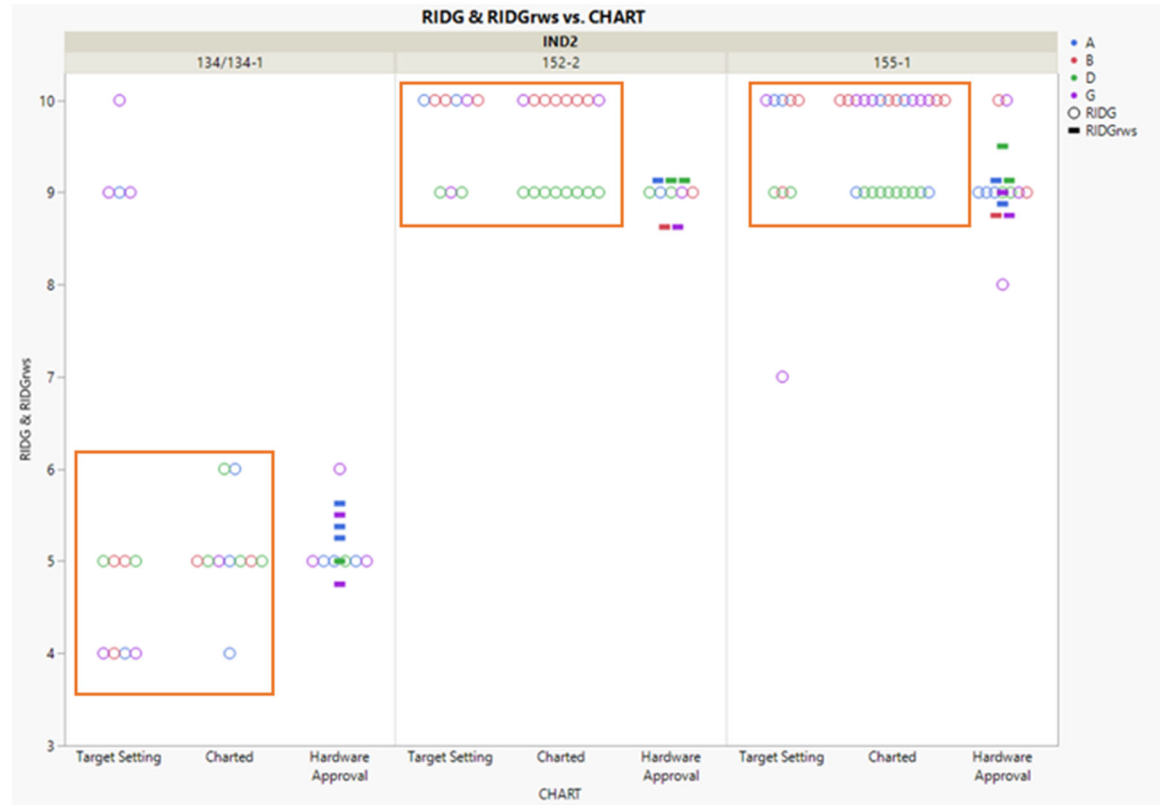


Contiguous Data on 04-2014 Hardware

# L-371 (D8165)

## RIDG

RIDG	134/134-1	152-2	155-1
Current Target	6.1	9.7	9.3
Current s	2.4	0.5	1
Current LL	1.78	8.80	7.50
Current UL	10.42	10.60	11.10
Contiguous Mode	5	10	10
Contiguous Range	4 - 6	9 - 10	9 - 10
RWS Average	5.25	8.93	9.02
RWS vs. Target	-0.85	-0.77	-0.28
RWS vs. Cont. Mode	+0.25	-1.07	-0.98
<b>RWS Range</b>	<b>4 - 6</b>	<b>8 - 10</b>	<b>8 - 10</b>
Current Range	2 - 10	9 - 10	8 - 10



Contiguous Data on 04-2014 Hardware

# L-371 (D8165)

## SPIT

SPIT	134/134-1	152-2	155-1
Current Target	9.9	9.7	9.9
Current s	0.1	0.6	0.0
Current LL	9.72	8.62	9.90
Current UL	10.08	10.78	9.90
Contiguous Mode	9.9	9.9	9.9
Contiguous Range	9.6 - 9.9	9.9 Only	9.9 Only
RWS Average	9.90	9.91	9.90
RWS vs. Target	0.00	0.21	0.00
RWS vs. Cont. Mode	0.00	+0.01	0.00
RWS Range	9.8 - 9.9	9.9 - 10.0	9.8 - 10.0
Current Range	9.8 - 10.0	8.7 - 10.0	9.9 Only



Contiguous Data on 04-2014 Hardware