

TR34 (3rd edition) Free Movement Floor Tolerance Report

Allen Face Europe TR34 Analysis, ©Allen Face Europe, www.allenface-europe.com

1. Project Name:  
Project Location:

방초리  
안성시 일죽 방초리 221  
인천광역시  
일도티씨에스㈜
2. Concrete Floor Installer:

ALLEN FACE KOREA
3. Testing Organization:
5. Floor Tolerance Requirements:

4. Slab ID:  
Date of Pouring:  
Date of Testing:  
Test Apparatus:  
Testing Technician:  
Test Area:

지상1층 #2  
#REF!  
2024-03-06  
D-Meter® Manufactured by Allen Face&Company, Serial Number: 098  
TAEHYUN LEE (ALLEN FACE KOREA)  
89 m<sup>2</sup> (for test area organization see attached drawing)

TR34 (3rd Edition) FREE MOVEMENT FLOOR TOLERANCES ±값					TR34 3rd Edition convert into FF/FL ±값								
Floor Classification	Property II (mm)	Property IV (mm)	Property II (mm)	Property IV (mm)	등급	Property II		Property IV		OAFF	OAFL	MLFF	MLFL
	95% limit	95% limit	100% limit	100% limit		95%(mm)	100%(mm)	95%(mm)	100%(mm)				
FM1	2.5	4.5	4.0	7.0	FM1	2.5	4.0	4.5	7.0	31	47	18.6	28.2
FM2(special)	3.0	6.5	4.5	10.0	FM2 Special	3.0	4.5	6.5	10.0	26	32	15.6	19.2
FM2	3.5	8.0	5.5	12.0	FM2	3.5	5.5	8.0	12.0	22	26	13.2	15.6
FM3	5.0	10.0	7.5	15.0	FM3	5.0	7.5	10.0	15.0	15	21	9	12.6

6. Analysis:

TR34 3rd Edition FREE MOVEMENT RESULTS																		
Run #:		7	8	9	10	11	12											All Runs:
Run Length (m):		18.00	18.00	18.00	18.00	18.00	18.00											108.00
FM1	Property II (95%)	YES	NO	NO	NO	YES	YES											NO
	% Defective	1.72%	5.17%	12.07%	15.52%	1.72%	0.00%											6.03%
	Property IV (95%)	NO	NO	NO	NO	NO	YES											NO
FM2(Special)	% Defective	6.00%	36.00%	42.00%	64.00%	28.00%	0.00%											29.33%
	Property II (95%)	YES	YES	NO	NO	YES	YES											YES
	% Defective	0.00%	0.00%	10.34%	6.90%	1.72%	0.00%											3.16%
FM2	Property IV (95%)	YES	NO	NO	NO	YES	YES											NO
	% Defective	0.00%	16.00%	16.00%	38.00%	4.00%	0.00%											12.33%
	Property II (95%)	YES	YES	NO	NO	YES	YES											YES
FM3	% Defective	0.00%	0.00%	8.62%	6.90%	1.72%	0.00%											2.87%
	Property IV (95%)	YES	NO	NO	NO	YES	YES											NO
	% Defective	0.00%	10.00%	10.00%	16.00%	0.00%	0.00%											6.00%
FM3	Property II (95%)	YES	YES	YES	YES	YES	YES											YES
	% Defective	0.00%	0.00%	0.00%	1.72%	0.00%	0.00%											0.29%
	Property IV (95%)	YES	NO	YES	NO	YES	YES											YES
FM3	% Defective	0.00%	6.00%	4.00%	6.00%	0.00%	0.00%											2.67%

7. Summary: The analysed D-Meter® Runs satisfy **FM3** the floor tolerance requirements.

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	95% limit	95% limit	100% limit	100% limit		95%(mm)	100%(mm)	95%(mm)	100%(mm)				
FM1	2.5	4.5	4.0	7.0	FM1	2.5	4.0	4.5	7.0	31	47	18.6	28.2
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FM2	3.5	8.0	5.5	12.0	FM2	3.5	5.5	8.0	12.0	22	26	13.2	15.6
FM3	5.0	10.0	7.5	15.0	FM3	5.0	7.5	10.0	15.0	15	21	9	12.6

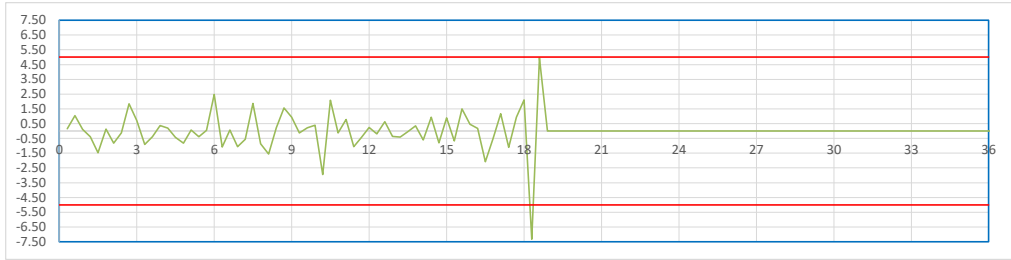
6. Analysis:

TR34 3rd Edition FREE MOVEMENT RESULTS																			
Run #:		7	8	9	10	11	12												All Runs:
Run Length (m):		18.00	18.00	18.00	18.00	18.00	18.00												108.00
FM1	Property II (100%)	YES	YES	NO	NO	YES	YES												NO
	% Defective	0.00%	0.00%	3.45%	1.72%	0.00%	0.00%												0.86%
	Property IV (100%)	YES	NO	NO	NO	YES	YES												NO
FM2(Special)	% Defective	0.00%	12.00%	16.00%	36.00%	0.00%	0.00%												10.67%
	Property II (100%)	YES	YES	NO	NO	YES	YES												NO
	% Defective	0.00%	0.00%	1.72%	1.72%	0.00%	0.00%												0.57%
FM2	Property IV (100%)	YES	NO	NO	NO	YES	YES												NO
	% Defective	0.00%	6.00%	4.00%	6.00%	0.00%	0.00%												2.67%
	Property II (100%)	YES	YES	YES	YES	YES	YES												YES
FM3	% Defective	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%												0.00%
	Property IV (100%)	YES	NO	YES	NO	YES	YES												NO
	% Defective	0.00%	2.00%	0.00%	2.00%	0.00%	0.00%												0.67%
FM3	Property II (100%)	YES	YES	YES	YES	YES	YES												YES
	% Defective	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%												0.00%
	Property IV (100%)	YES	YES	YES	YES	YES	YES												YES
	% Defective	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%												0.00%

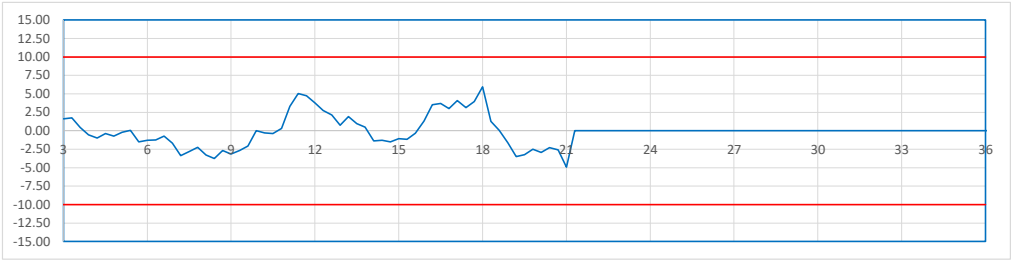
7. Summary: The analysed D-Meter® Runs satisfy **FM3** the floor tolerance requirements.

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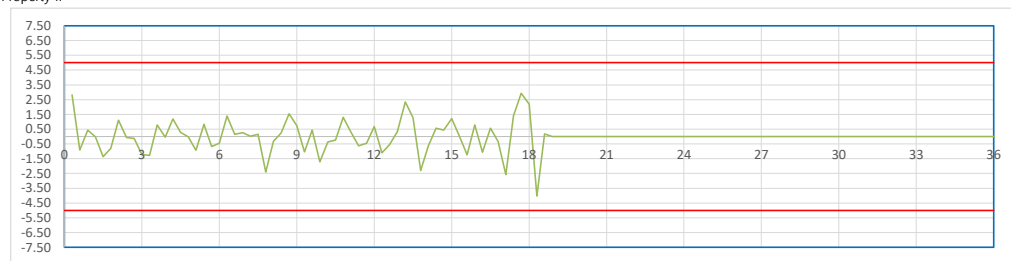
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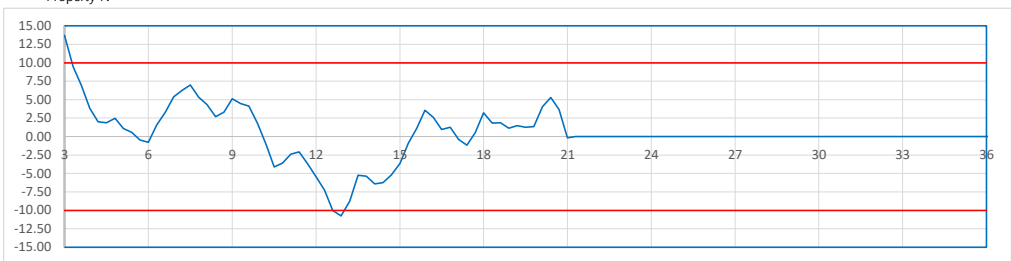
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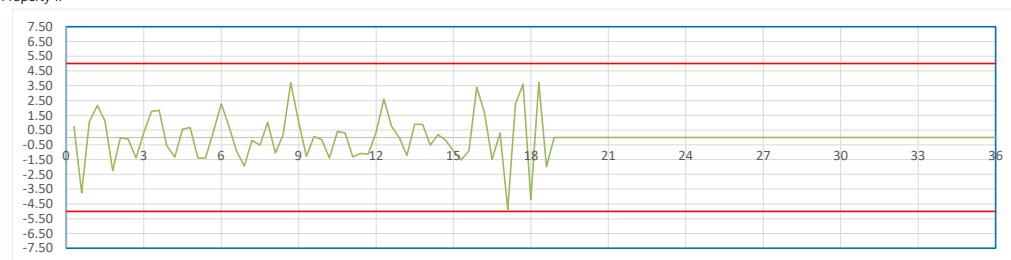
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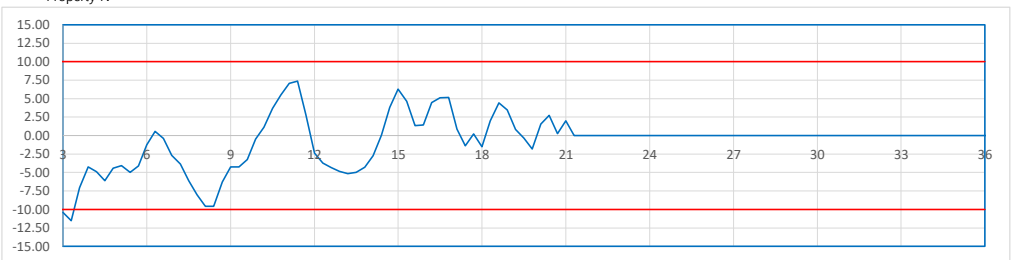
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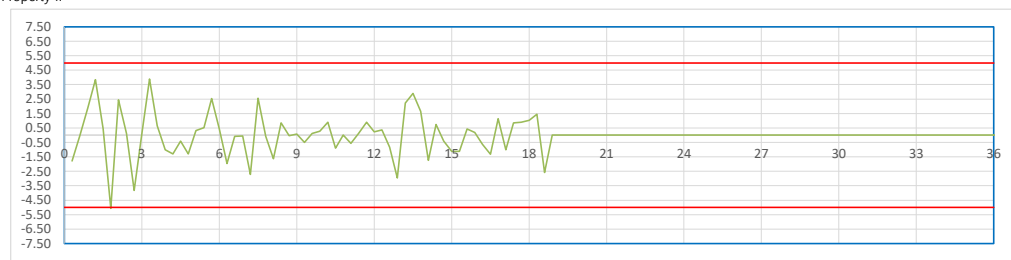
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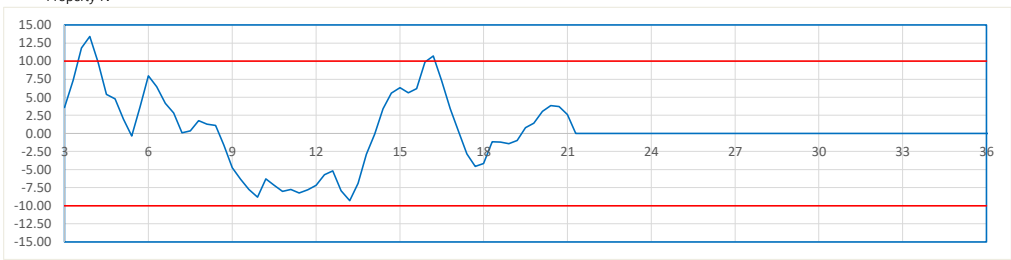
Property IV



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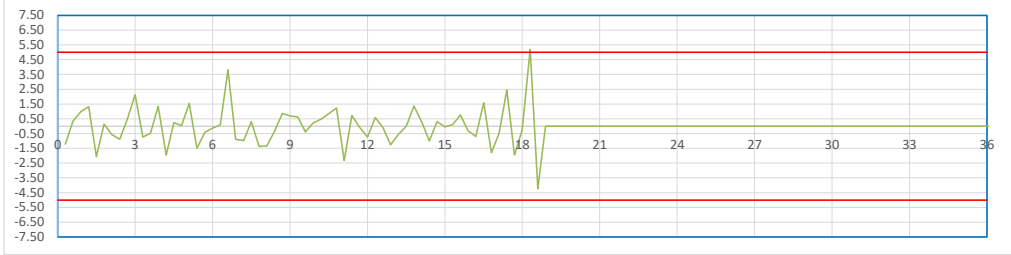


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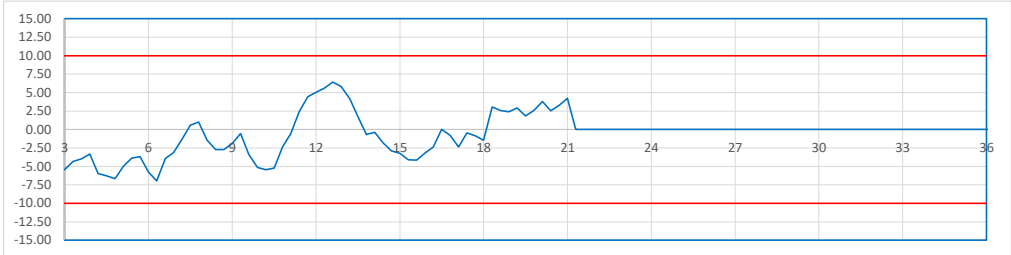


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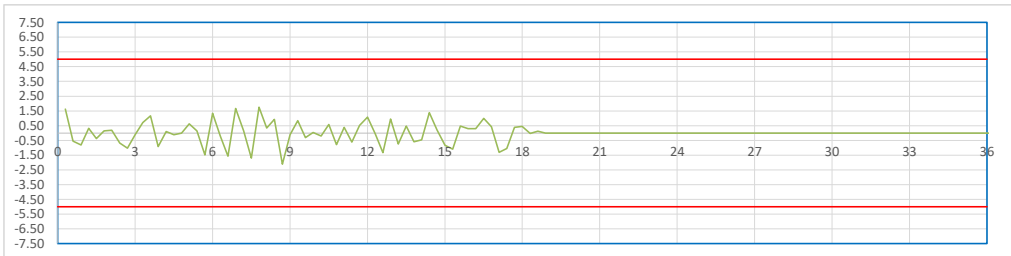


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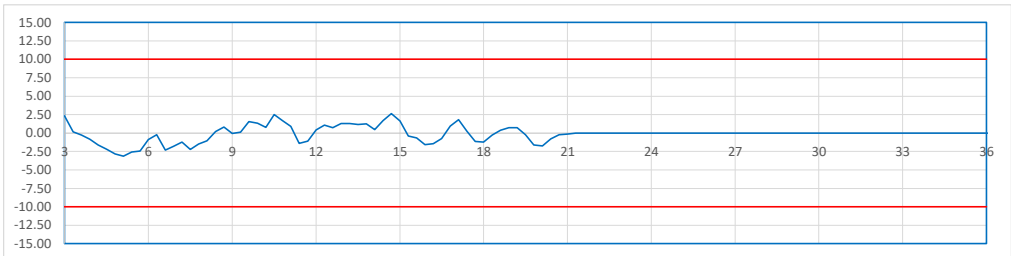


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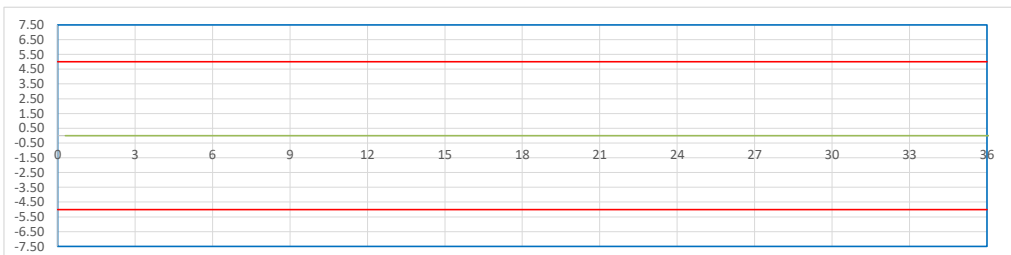


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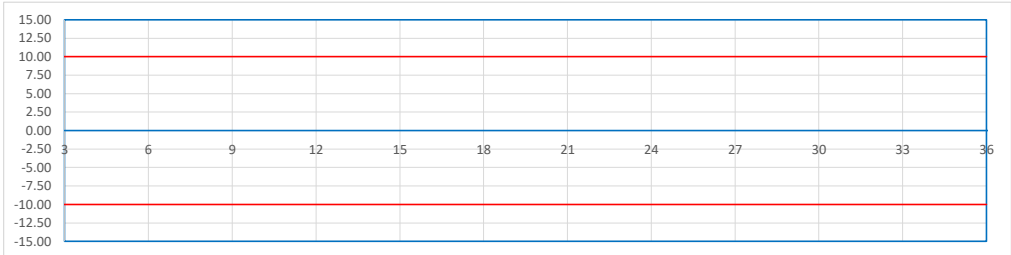


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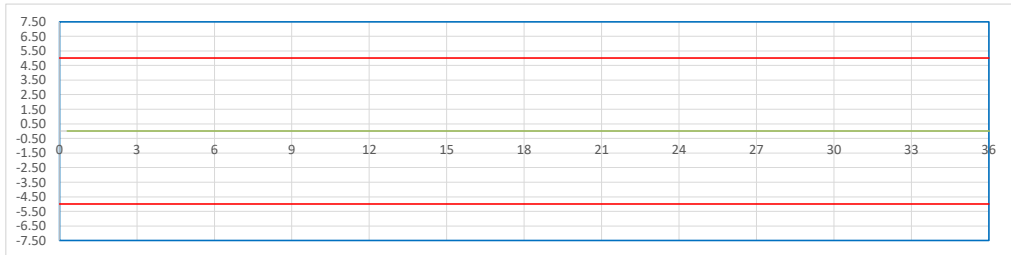


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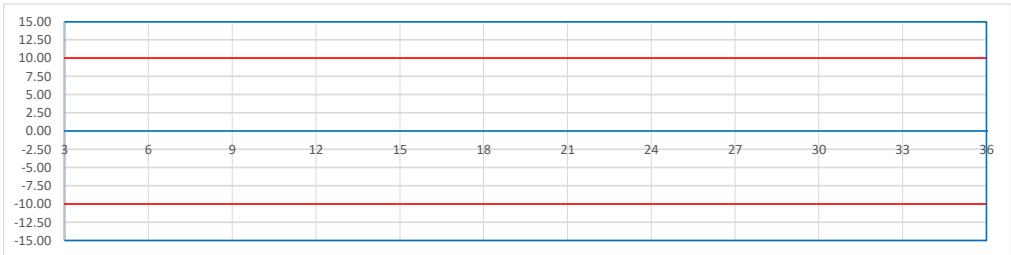


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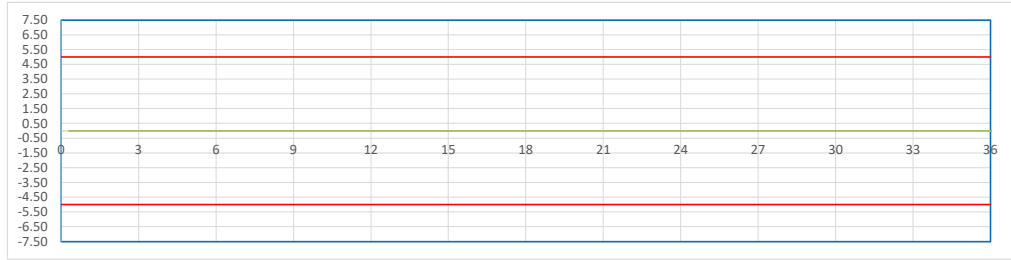
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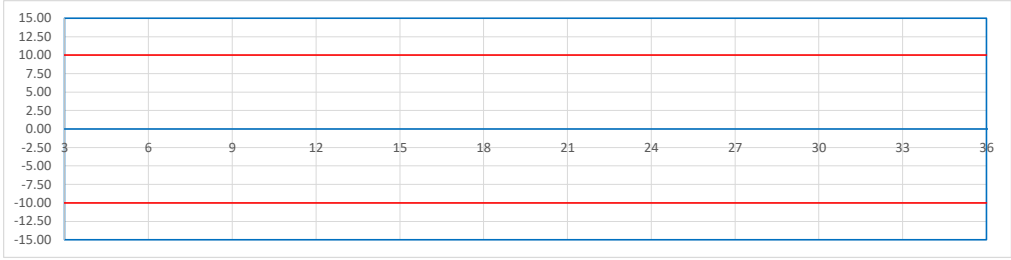
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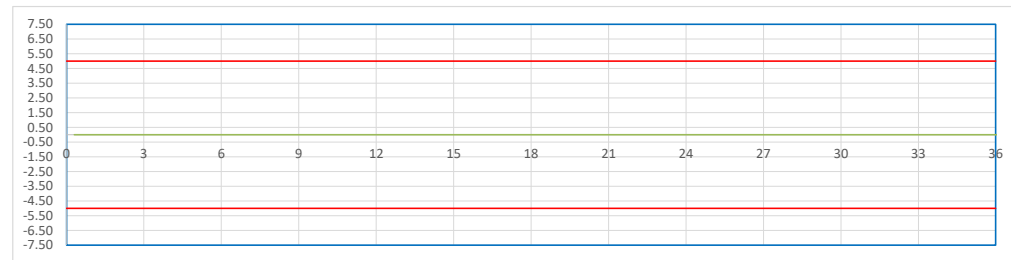
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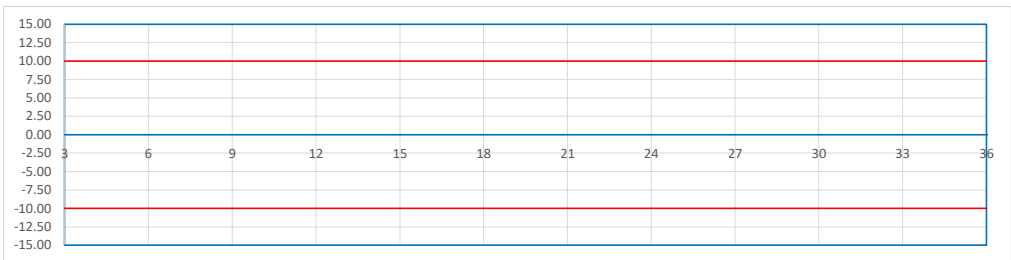
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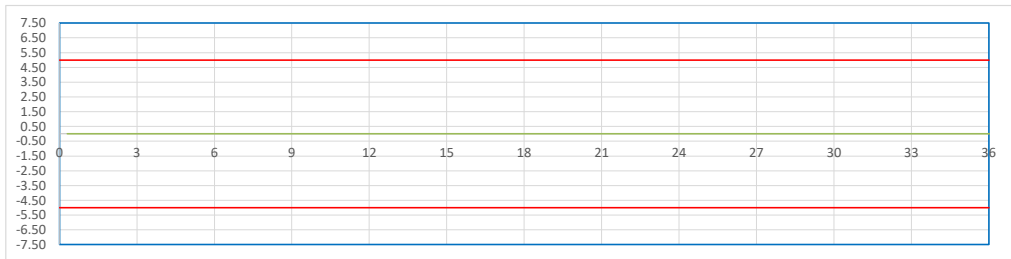
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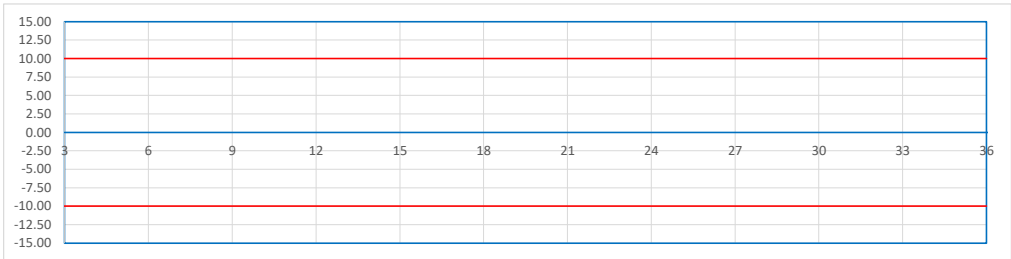
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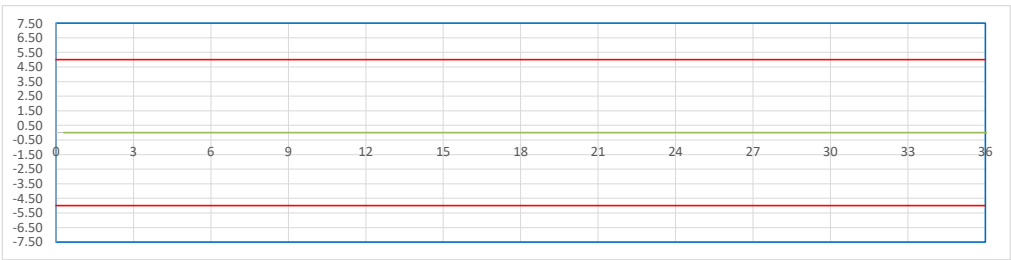
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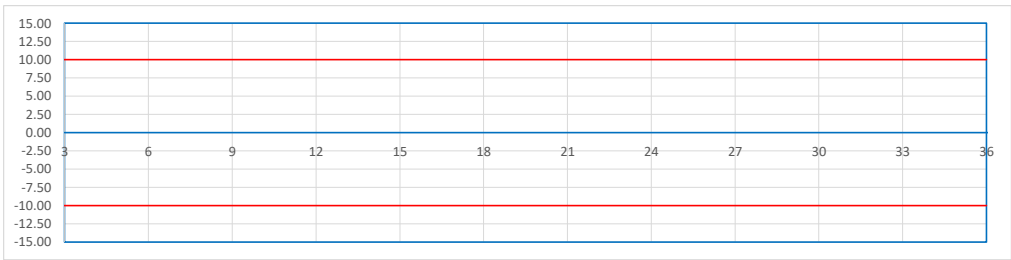
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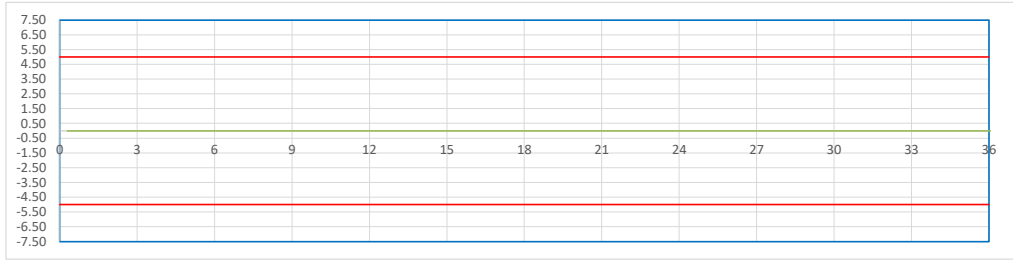
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Property II



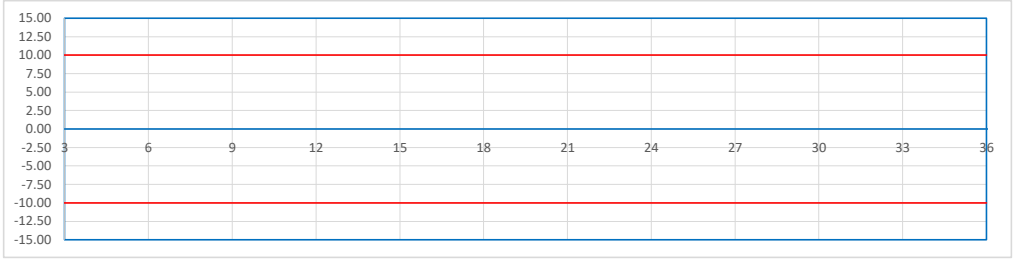
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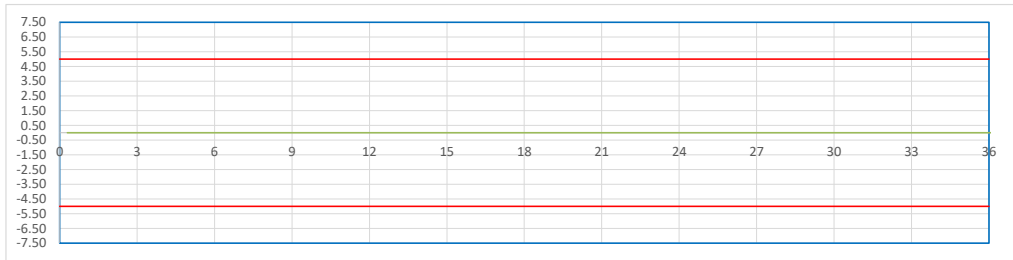
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Property II



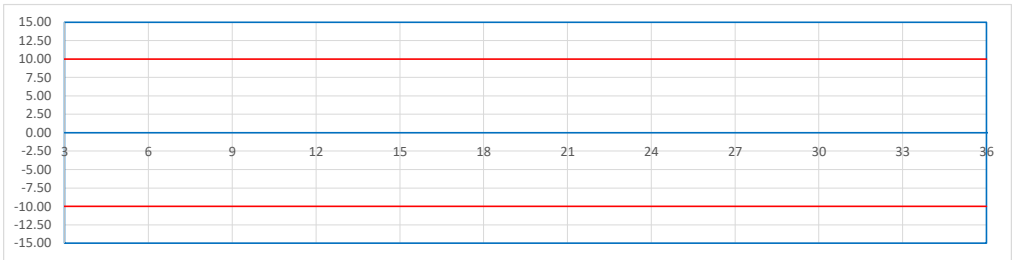
Property IV



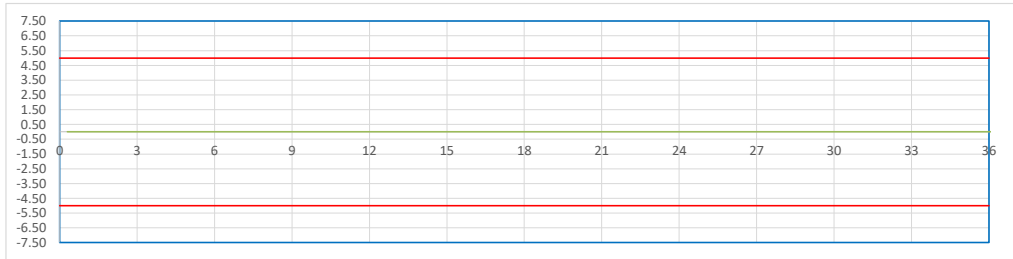
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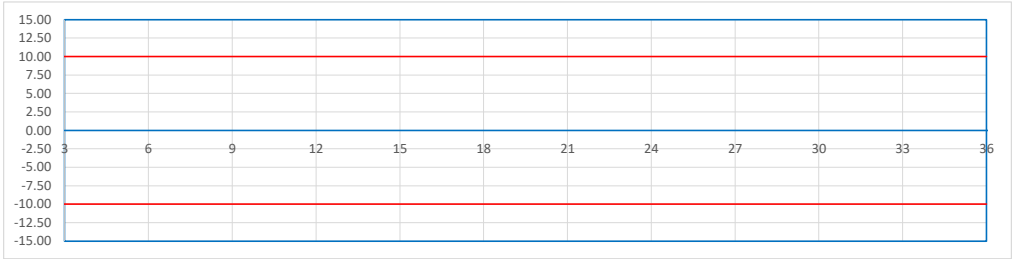
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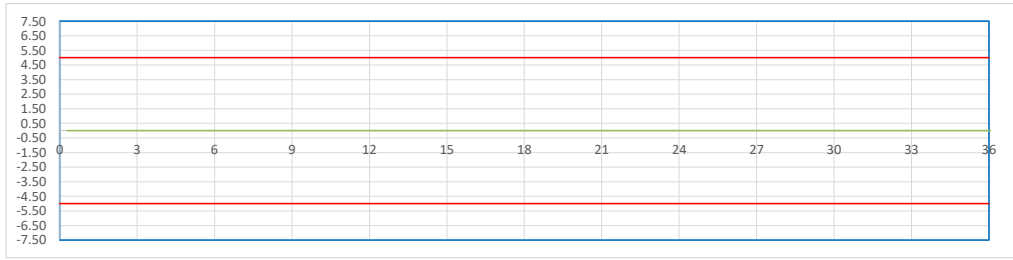
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Property II



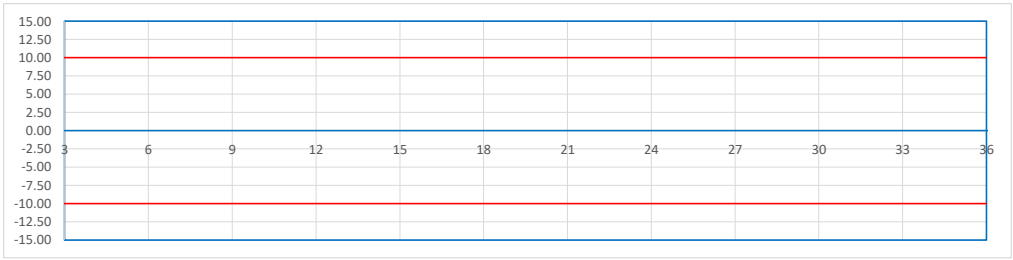
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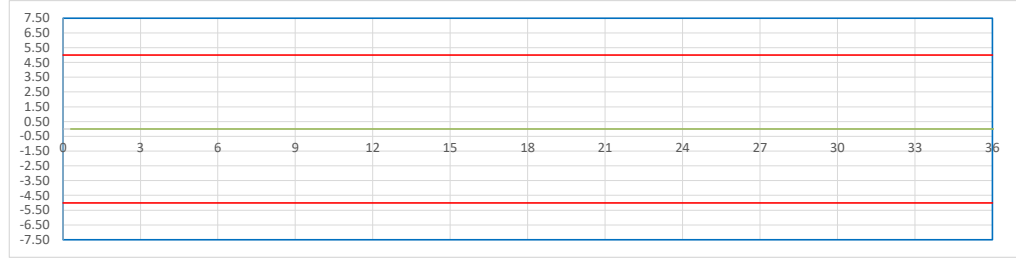
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Property IV



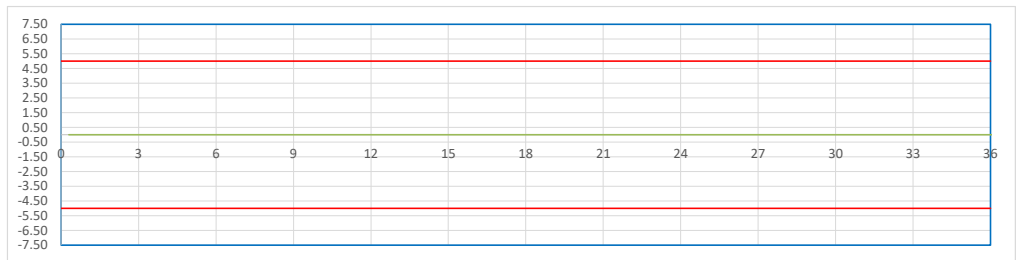
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Property II



Property IV



Run #: 0  
Property II



Property IV

