

TR34 (4th edition) Free Movement Floor Tolerance Report

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

1. Project Name:

인천 도화 물류센터

Project Location:

-

2. Concrete Floor Installer:

인천시
HEB

3. Testing Organization:

ALLEN FACE KOREA

5. Floor Tolerance Requirements:

4.

Slab ID:

지상5층 #1

Date of Pouring:

#REF!

Date of Testing:

2024-03-12

Test Apparatus:

D-Meter® Manufactured by Allen Face&Company, Serial Number: 448

Testing Technician:

최동현 (ALLEN FACE KOREA)

Test Area:

1,089 m² (for test area organization see attached drawing)

TR34 FREE MOVEMENT FLOOR TOLERANCES		
Floor Classification	Property F (mm)	Property E (mm)
	95% limit	95% limit
FM1	1.8	4.5
FM2	2.0	6.5
FM3	2.2	8.0
FM4	2.4	10.0

TR34 4th Edition Convert into FF/FL number 값				
4th Edition	95%		F number	
등급	Property F mm(±)	Property E mm(±)	FF	FL
FM1	1.8	4.5	42.9	46.6
FM2	2.0	6.5	38.6	32.3
FM3	2.2	8.0	35.1	26.2
FM4	2.4	10.0	32.2	21.0
Any point on the Property E survey grid is outside the ±15mm of datum				

TR34 FREE MOVEMENT RESULTS																			
Run #:		1	2	3	4	5	6												All Runs:
Run Length (m):		30.90	30.90	30.90	30.90	30.90	30.90												185.40
FM1	Property F (95%)	YES	YES	YES	NO	YES	NO												YES
	% Defective	2.97%	1.98%	2.97%	7.92%	1.98%	7.92%												4.29%
	Property E (95%)	NO	YES	NO	NO	YES	NO												NO
FM2	% Defective	39.78%	0.00%	39.78%	23.66%	0.00%	23.66%												21.15%
	Property F (95%)	YES	YES	YES	NO	YES	NO												YES
	% Defective	2.97%	1.98%	2.97%	6.93%	1.98%	6.93%												3.96%
FM3	Property E (95%)	NO	YES	NO	NO	YES	NO												NO
	% Defective	22.58%	0.00%	22.58%	7.53%	0.00%	7.53%												10.04%
	Property F (95%)	YES	YES	YES	NO	YES	NO												YES
FM4	% Defective	0.99%	1.98%	0.99%	5.94%	1.98%	5.94%												2.97%
	Property E (95%)	NO	YES	NO	YES	YES	YES												YES
	% Defective	9.68%	0.00%	9.68%	0.00%	0.00%	0.00%												3.23%
FM4	Property F (95%)	YES	YES	YES	YES	YES	YES												YES
	% Defective	0.99%	1.98%	0.99%	2.97%	1.98%	2.97%												1.98%
	Property E (95%)	YES	YES	YES	YES	YES	YES												YES
FM4	% Defective	4.30%	0.00%	4.30%	0.00%	0.00%	0.00%												1.43%

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

최동현 (ALLEN FACE KOREA)

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1. Project Name:
Project Location:

인천 도화 물류센터
-
인천시
HEB
2. Concrete Floor Installer:

ALLEN FACE KOREA
3. Testing Organization:

ALLEN FACE KOREA
5. Floor Tolerance Requirements:

TR34 FREE MOVEMENT FLOOR TOLERANCES		
Floor Classification	Property F (mm)	Property E (mm)
	100% limit	100% limit
FM1	4.0	15.0
FM2	4.5	15.0
FM3	5.5	15.0
FM4	7.5	15.0
4. Slab ID:
Date of Pouring:
Date of Testing:
Test Apparatus:
Testing Technician:
Test Area:

지상5층 #1
#REF!
2024-03-12
D-Meter® Manufactured by Allen Face&Company, Serial Number: 448
최동현 (ALLEN FACE KOREA)
1,089 m² (for test area organization see attached drawing)

Any point on the Property E survey grid is outside the ±15mm of datum

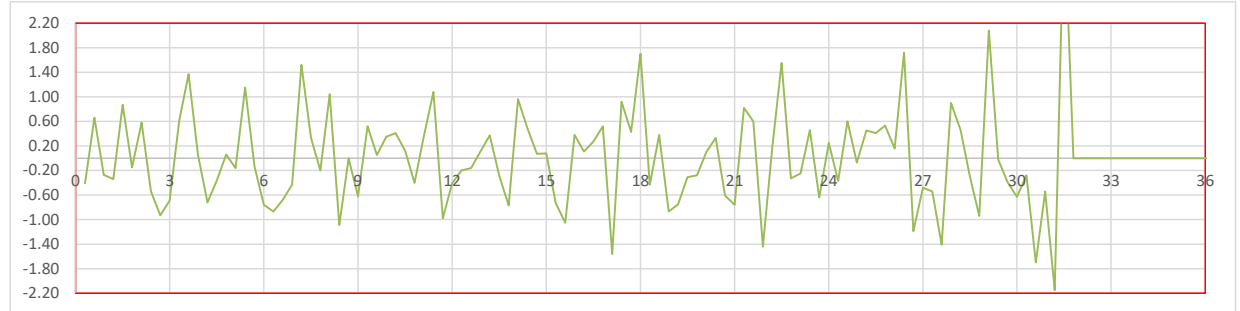
6. Analysis:

TR34 FREE MOVEMENT RESULTS																			
Run #:		1	2	3	4	5	6												All Runs:
Run Length (m):		30.90	30.90	30.90	30.90	30.90	30.90												185.40
FM1	Property F (100%)	NO	YES	NO	YES	YES	YES												NO
	% Defective	0.99%	0.00%	0.99%	0.00%	0.00%	0.00%												0.33%
	Property E (100%)	YES	YES	YES	YES	YES	YES												YES
FM2	% Defective	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%												0.00%
	Property F (100%)	YES	YES	YES	YES	YES	YES												YES
	% Defective	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%												0.00%
FM3	Property E (100%)	YES	YES	YES	YES	YES	YES												YES
	% Defective	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%												0.00%
	Property F (100%)	YES	YES	YES	YES	YES	YES												YES
FM4	% Defective	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%												0.00%
	Property E (100%)	YES	YES	YES	YES	YES	YES												YES
	% Defective	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%												0.00%

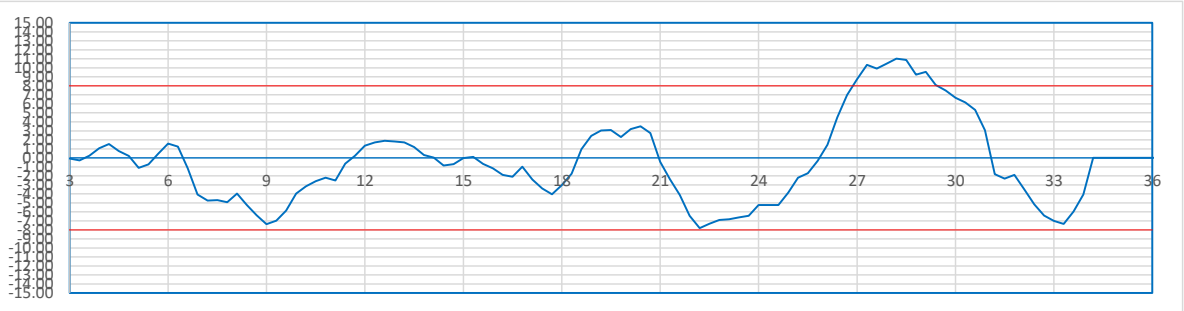
7. Summary:
- The analysed D-Meter® Runs satisfy the
- FM2
- floor tolerance requirements.

최동현 (ALLEN FACE KOREA)

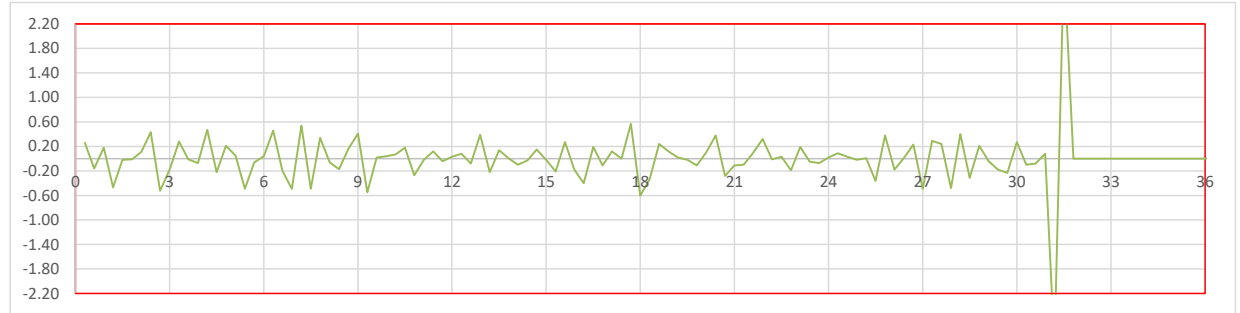
Run #: 1
Property F



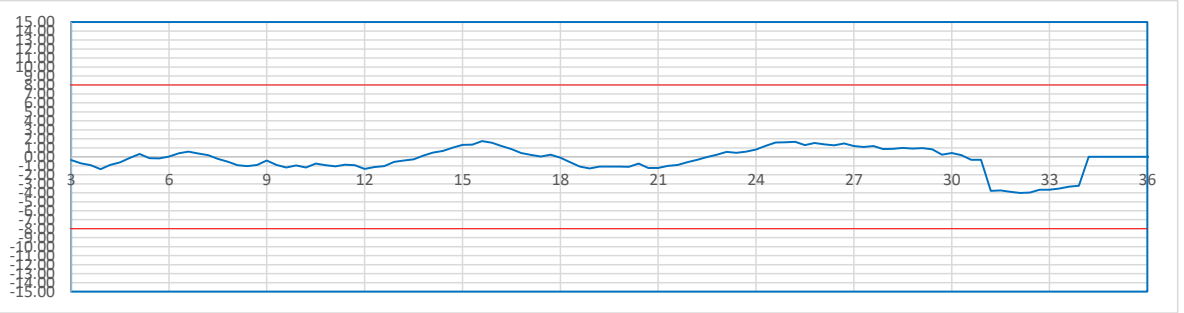
Property E



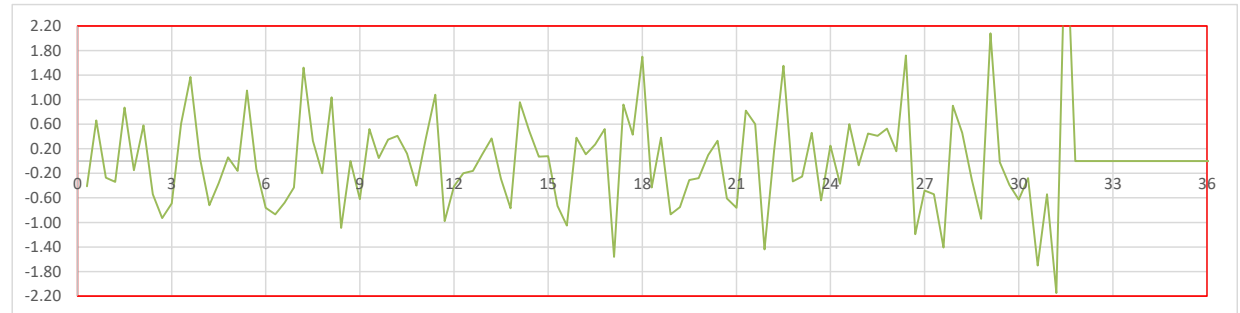
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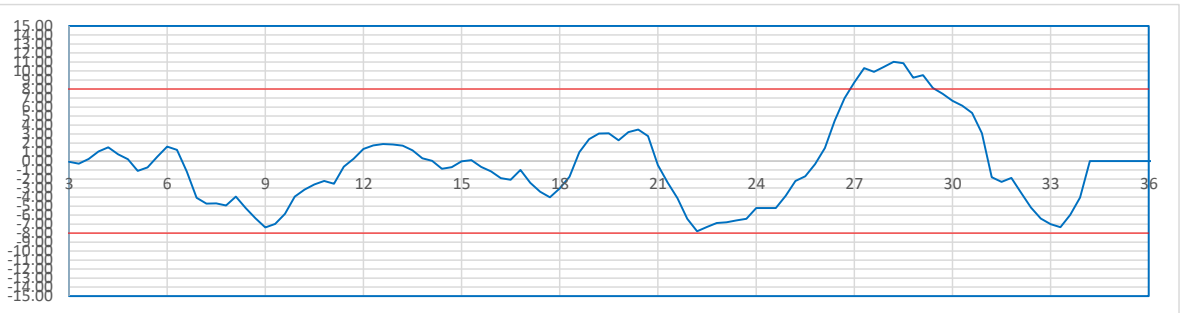
Property E



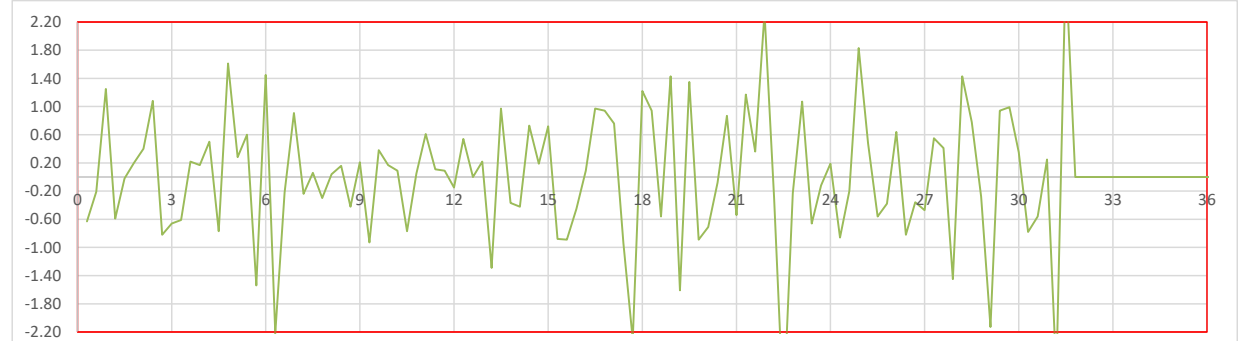
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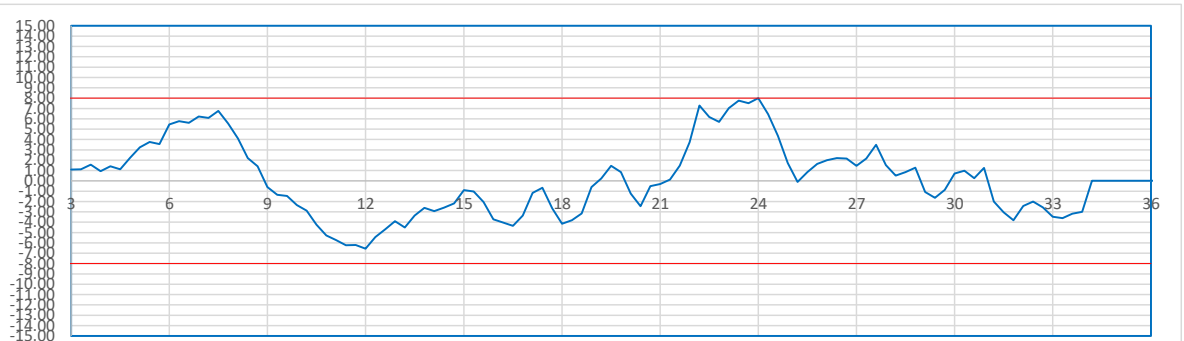
Property E



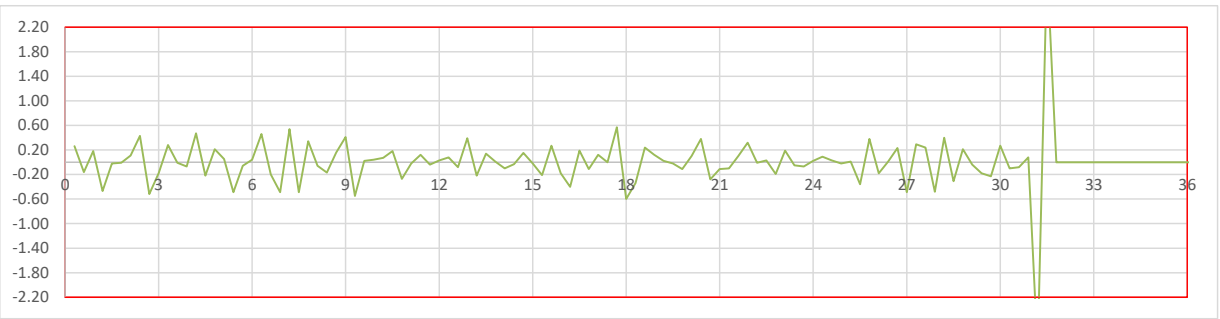
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Property F



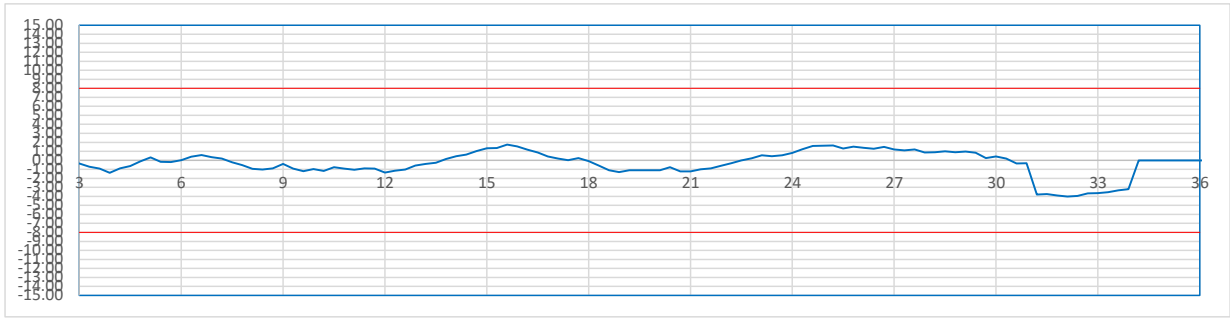
Property E



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Property F

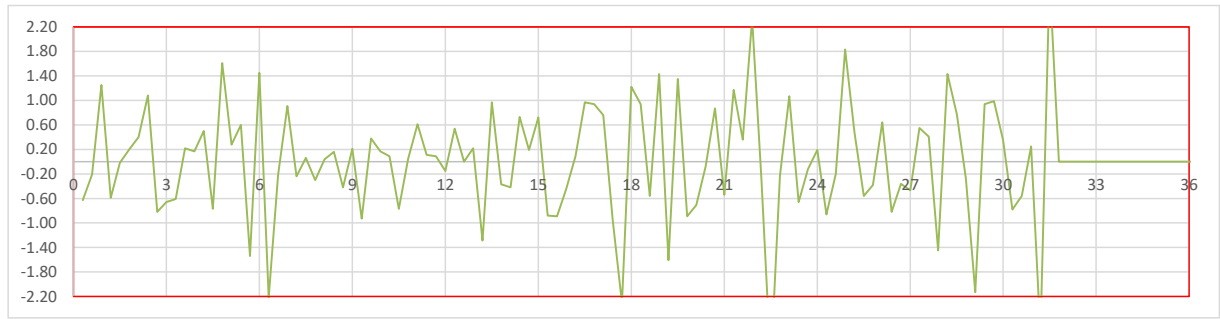


Property E

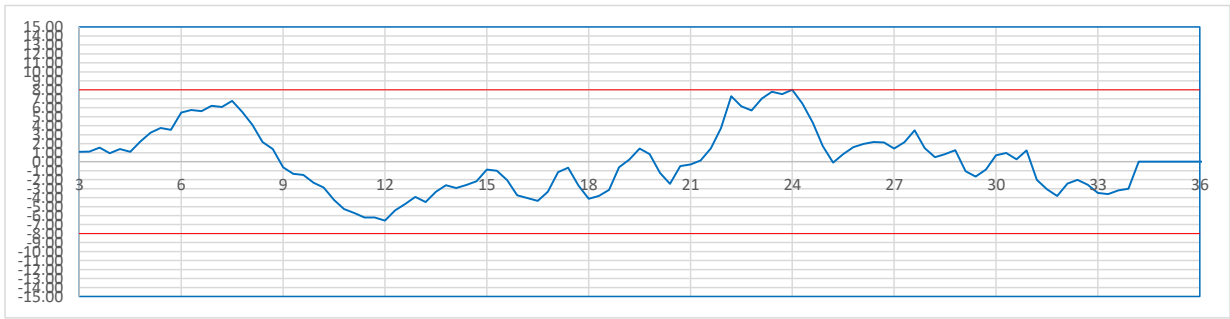


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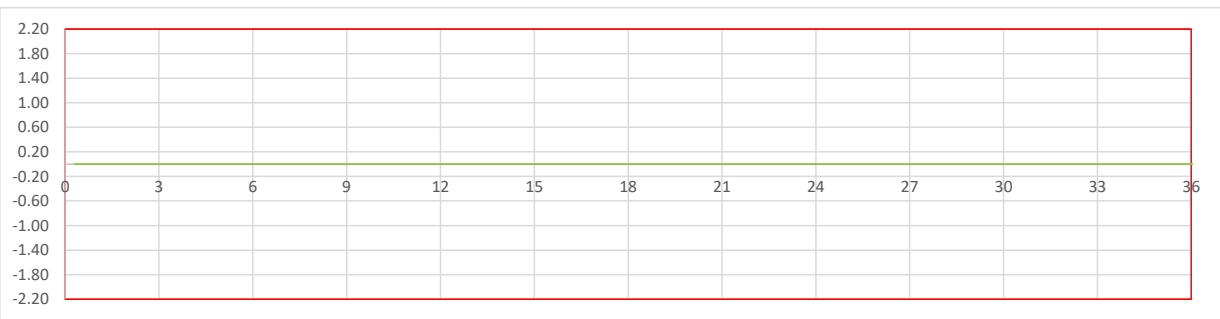
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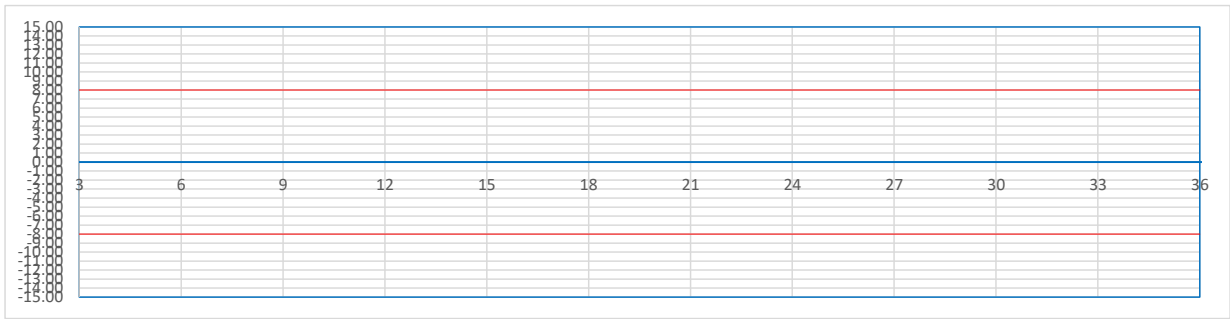
Property E



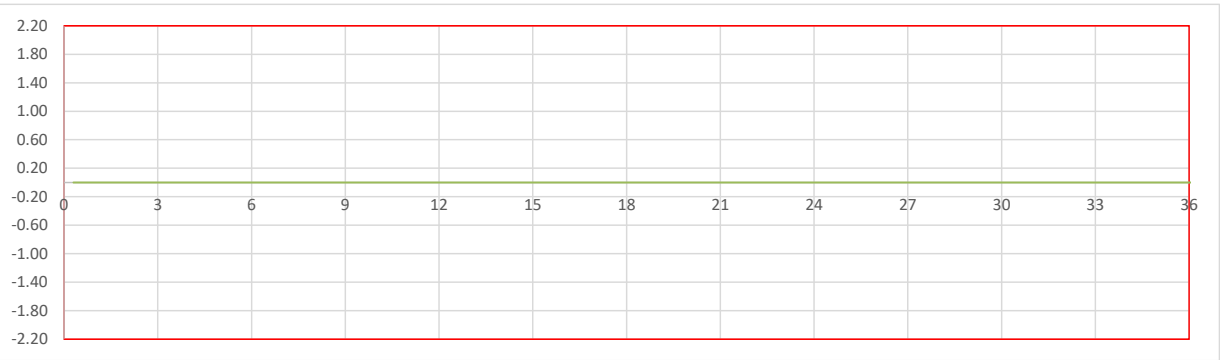
Run #: 0
Property F



Property E



Run #: 0
Property F



Property E

