

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 1공구 #4

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:

363 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				

6. Analysis:

TR34 FREE MOVEMENT RESULTS																			
Run #:		21	22	23	24	25	26												All Runs:
Run Length (m):		8.70	8.70	8.70	8.70	8.70	8.70												52.20
FM1	Property F (95%)	NO	YES	YES	YES	YES	NO												YES
	% Defective	7.41%	0.00%	0.00%	0.00%	0.00%	7.41%												2.47%
	Property E (95%)	YES	YES	YES	YES	YES	YES												YES
	% Defective	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%												0.00%
FM2	Property F (95%)	YES	YES	YES	YES	YES	YES												YES
	% Defective	3.70%	0.00%	0.00%	0.00%	0.00%	3.70%												1.23%
	Property E (95%)	YES	YES	YES	YES	YES	YES												YES
	% Defective	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%												0.00%
FM3	Property F (95%)	YES	YES	YES	YES	YES	YES												YES
	% Defective	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%												0.00%
	Property E (95%)	YES	YES	YES	YES	YES	YES												YES
	% Defective	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%												0.00%
FM4	Property F (95%)	YES	YES	YES	YES	YES	YES												YES
	% Defective	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%												0.00%
	Property E (95%)	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 FM1 floor tolerance requirements.

최동현 (ALLEN FACE KOREA)

TR34 (4th edition) Free Movement Floor Tolerance Report

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

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) 100% limit	Property E (mm) 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 1공구 #4
#REF!
2024-03-12
D-Meter® Manufactured by Allen Face&Company, Serial Number: 448
최동현 (ALLEN FACE KOREA)
363 m² (for test area organization see attached drawing)

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

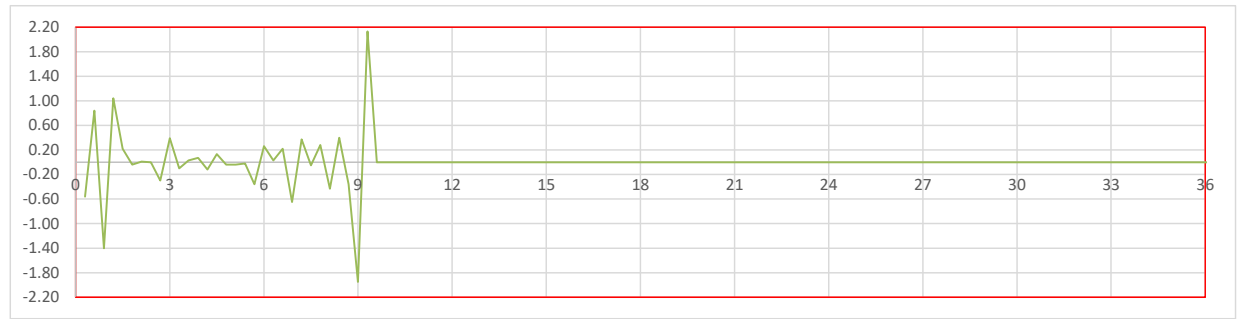
6. Analysis:

TR34 FREE MOVEMENT RESULTS																			
Run #:		21	22	23	24	25	26												All Runs:
Run Length (m):		8.70	8.70	8.70	8.70	8.70	8.70												52.20
FM1	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%
	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 E (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 F (100%)	YES	YES	YES	YES	YES	YES												YES
	% 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
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%

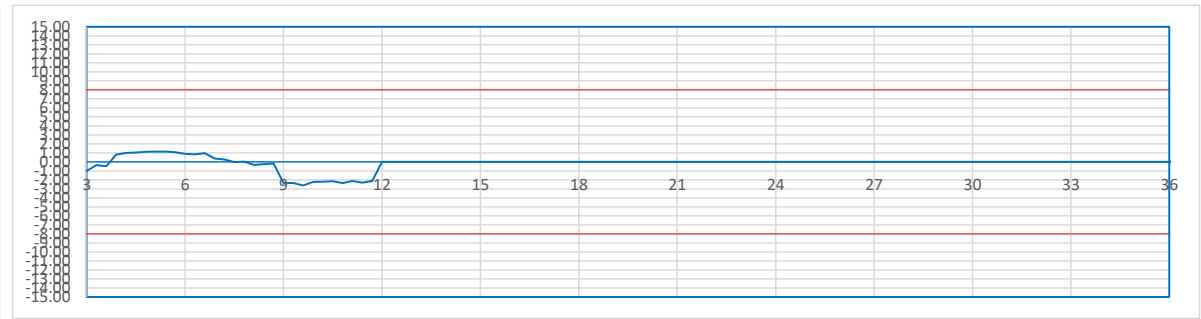
7. Summary:
- The analysed D-Meter® Runs satisfy the FM1 floor tolerance requirements.

최동현 (ALLEN FACE KOREA)

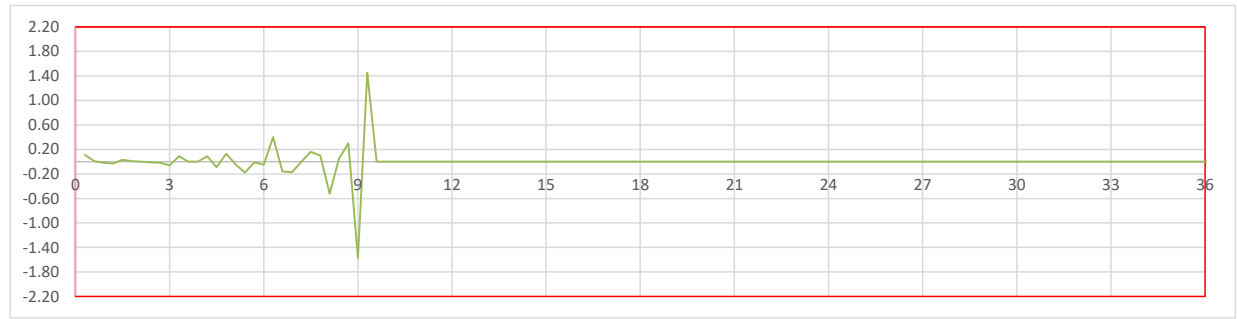
Run #: 21
Property F



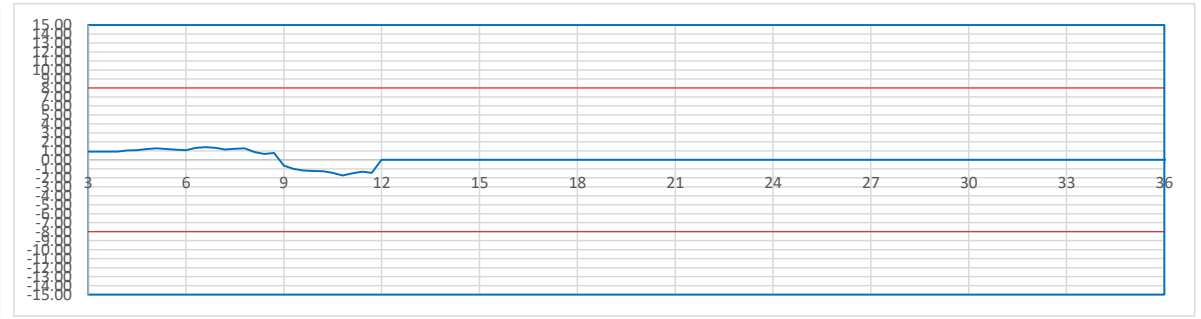
Property E



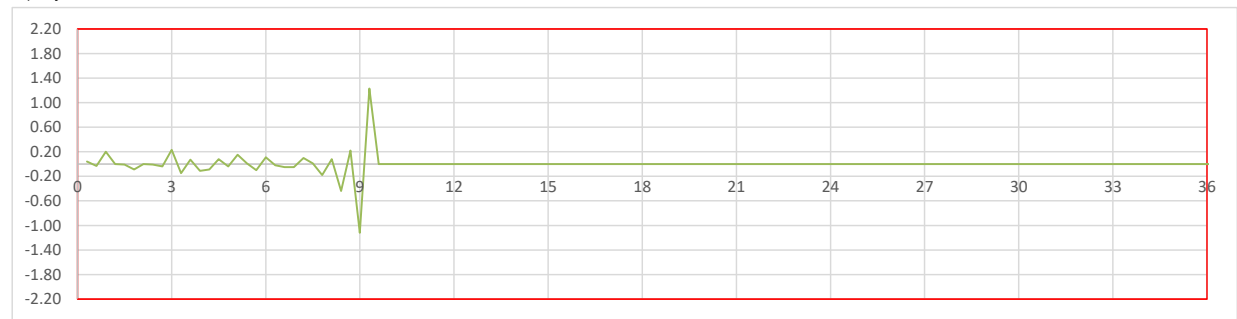
Run #: 22
Property F



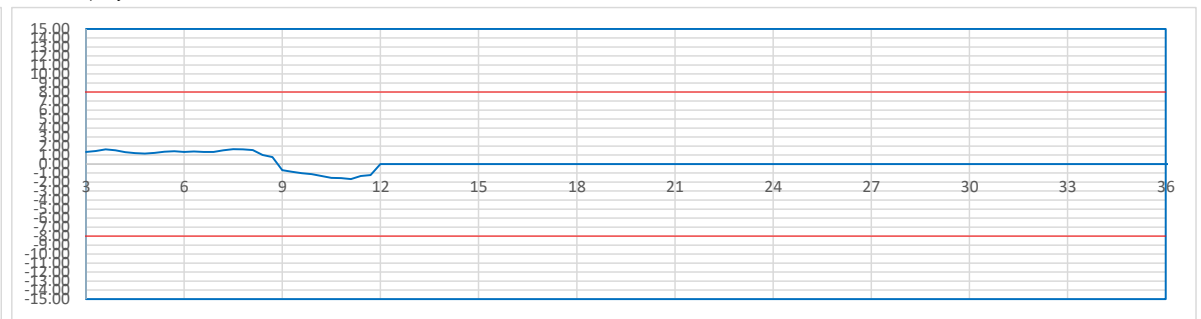
Property E



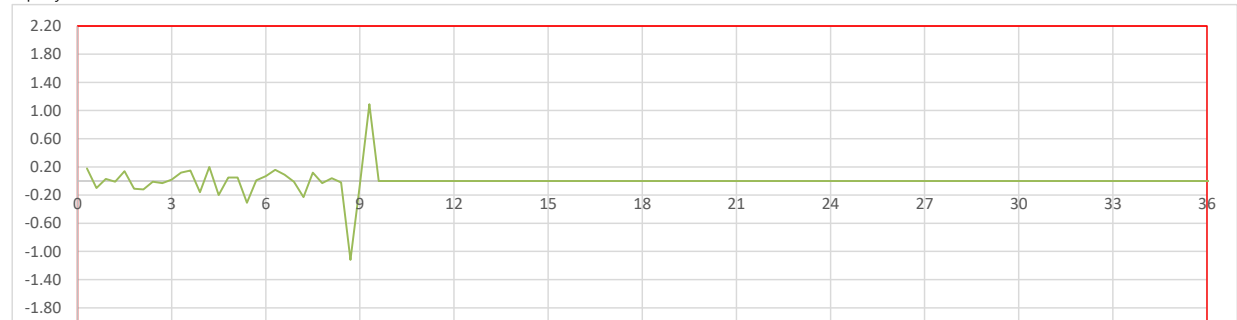
Run #: 23
Property F



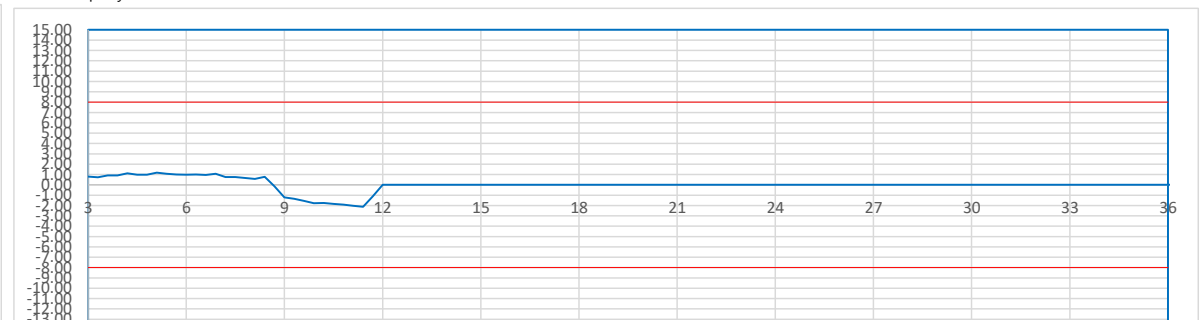
Property E



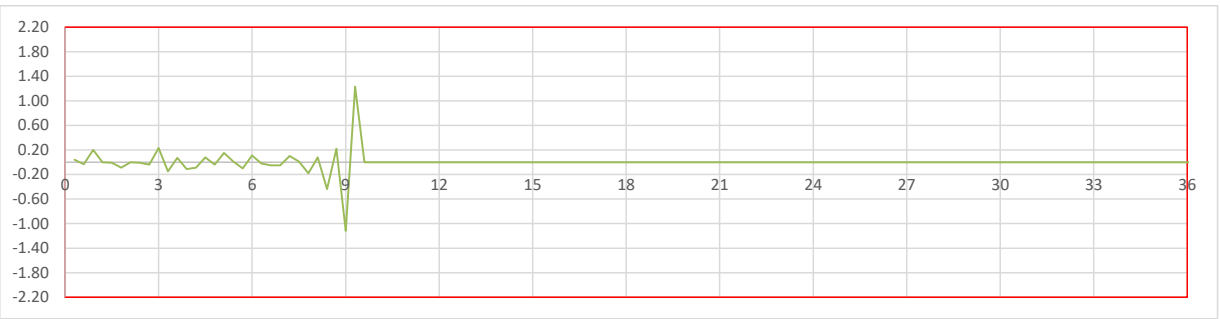
Run #: 24
Property F



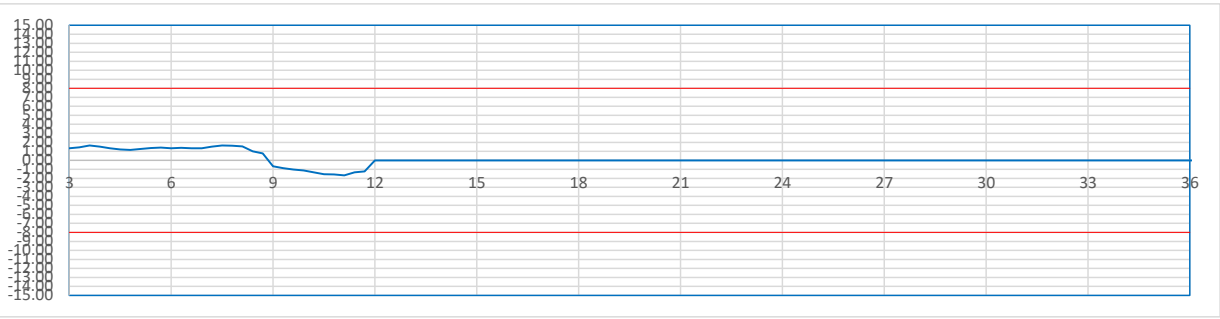
Property E



Run #: 25
Property F

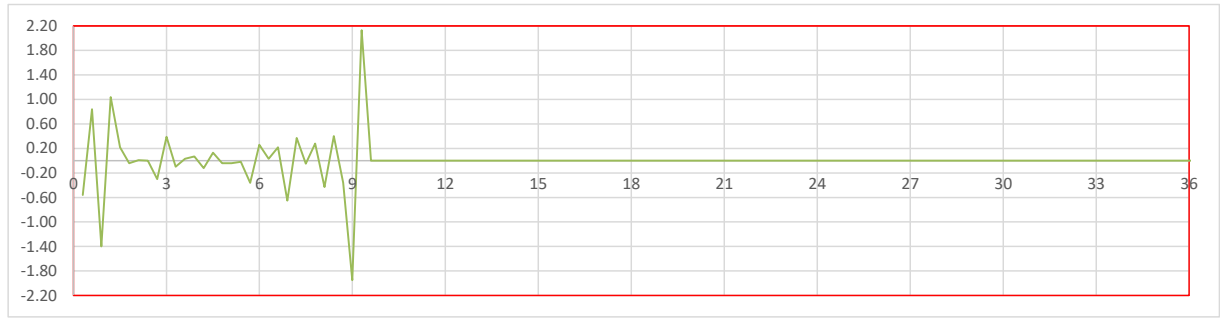


Property E

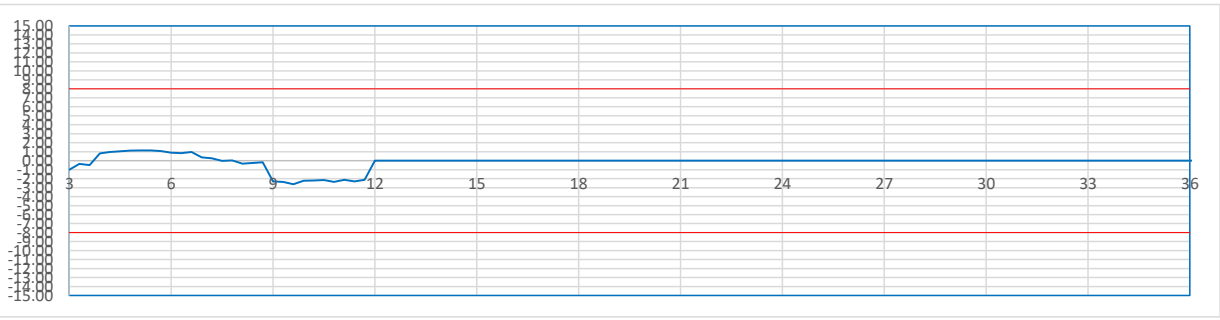


11

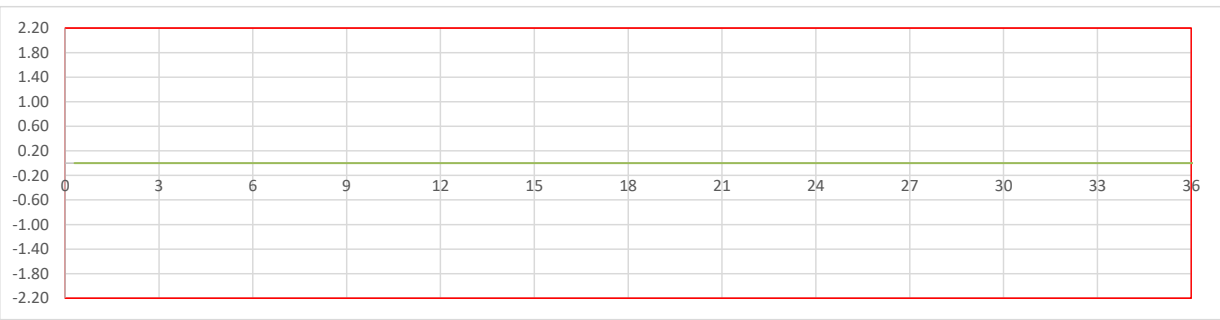
Run #: 26
Property F



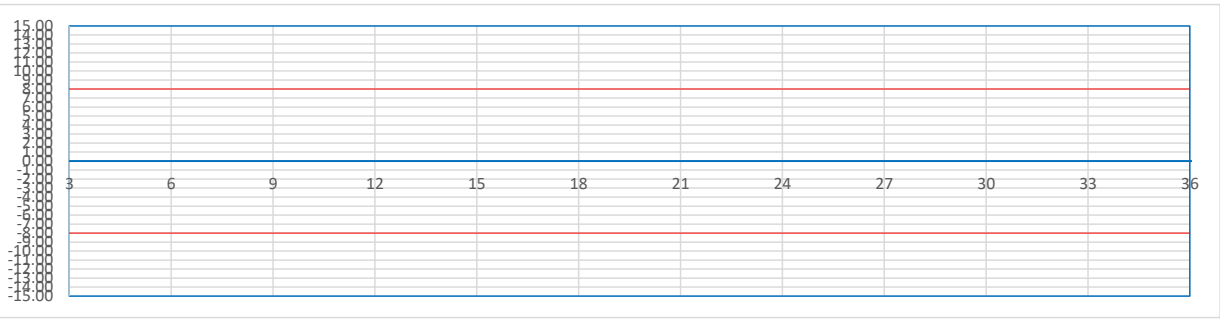
Property E



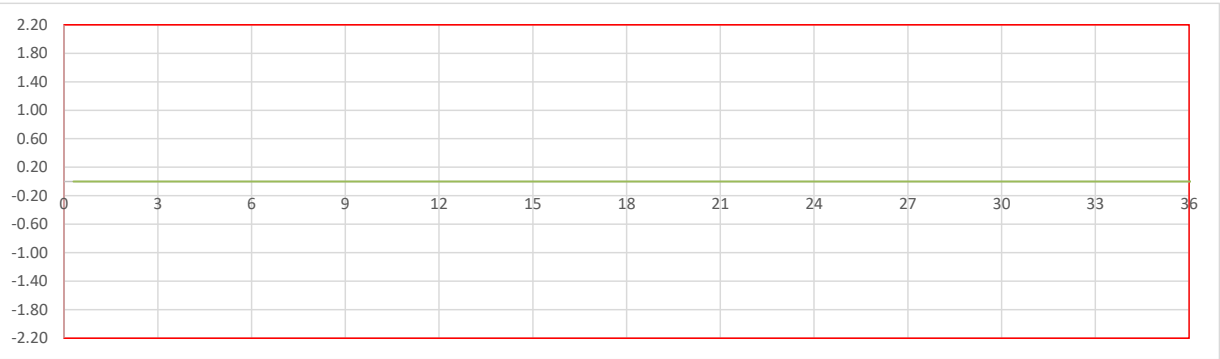
Run #: 0
Property F



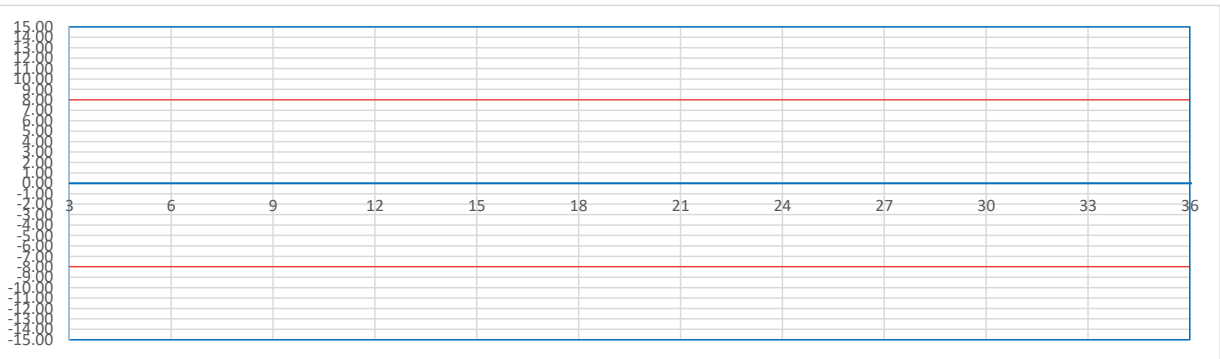
Property E



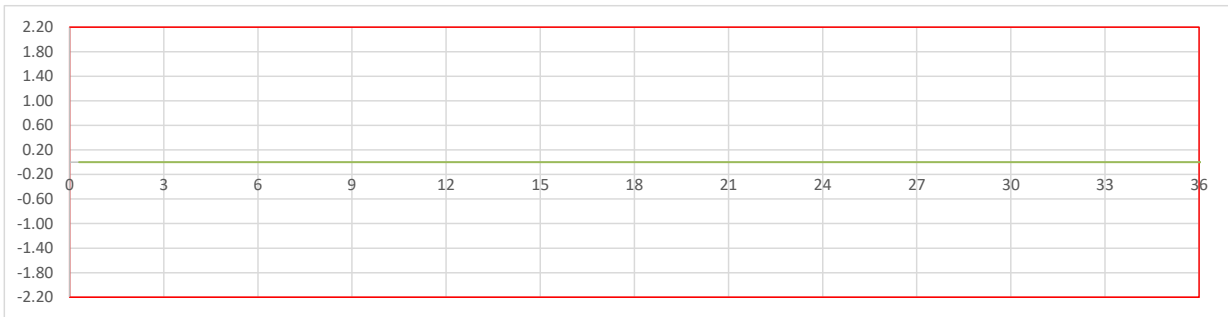
Run #: 0
Property F



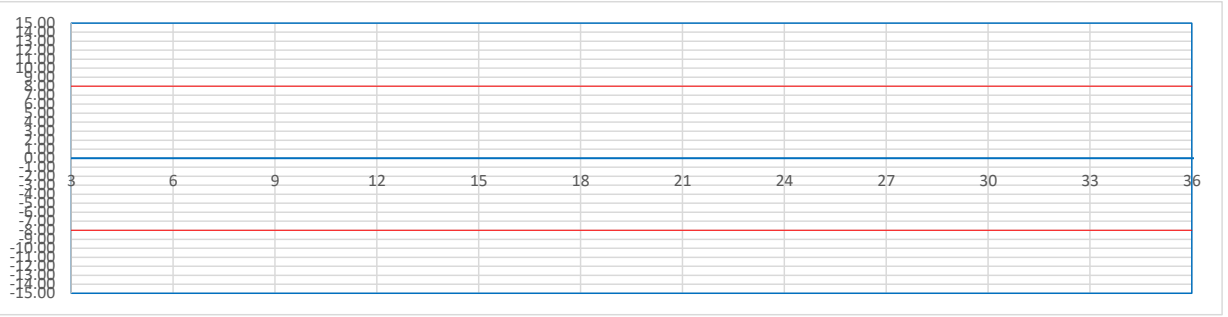
Property E



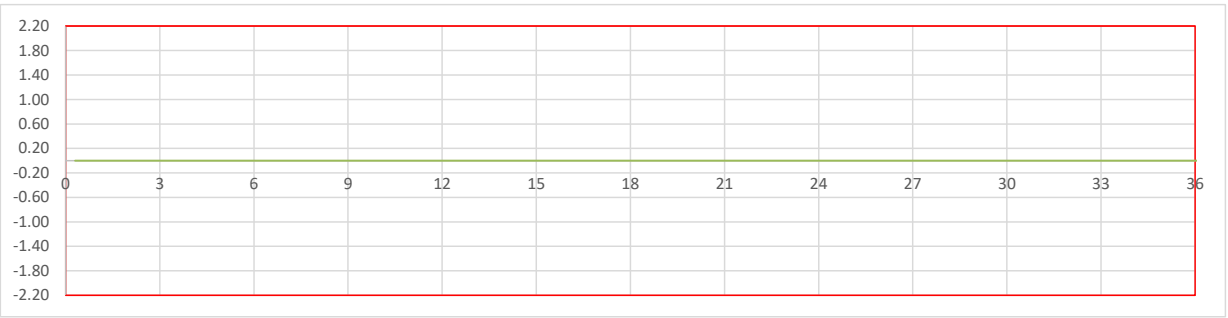
Run #: 0
Property F



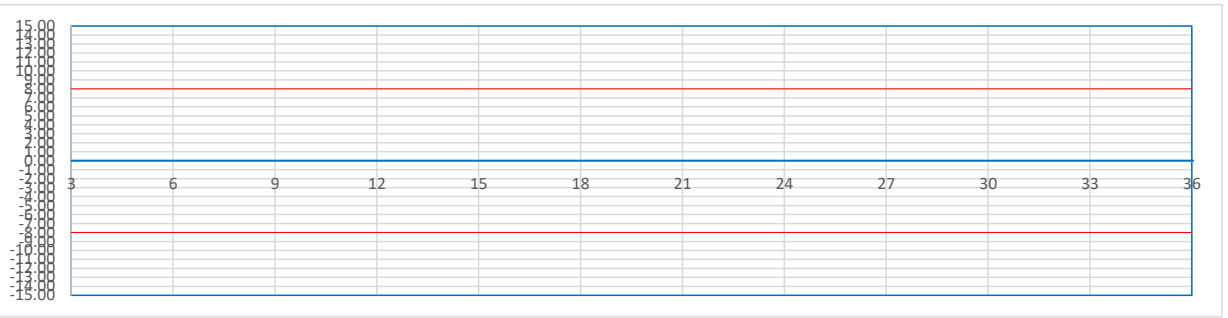
Property E



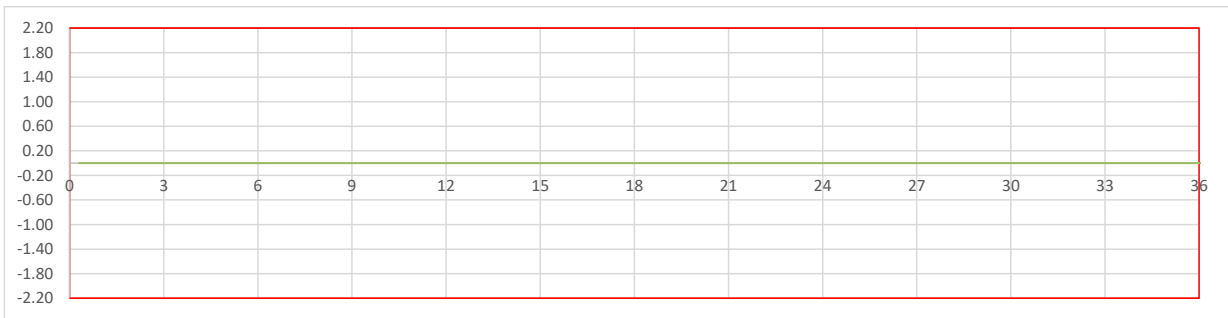
Run #: 0
Property F



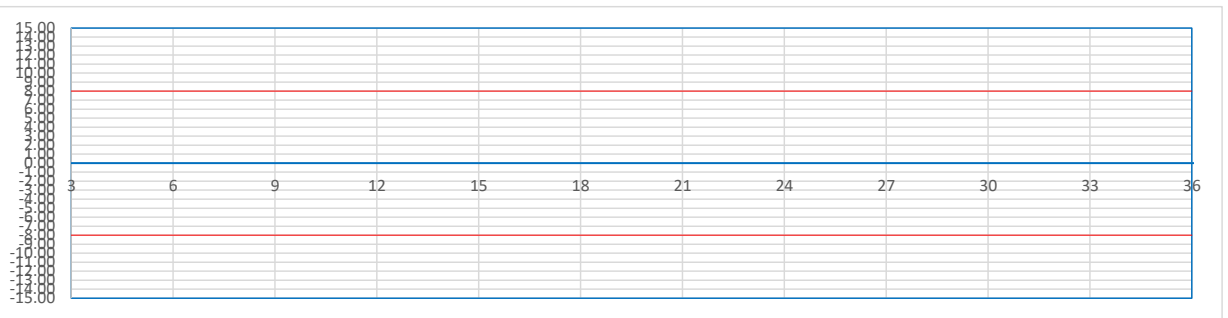
Property E



Run #: 0
Property F



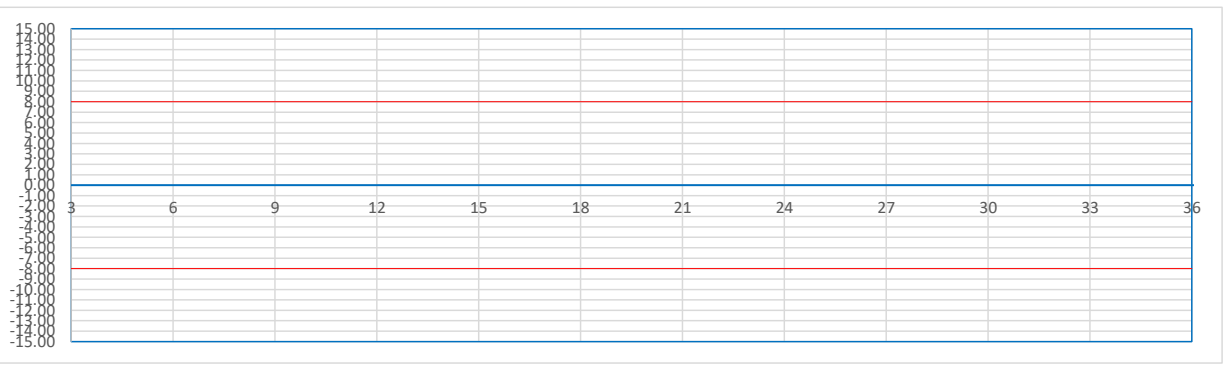
Property E



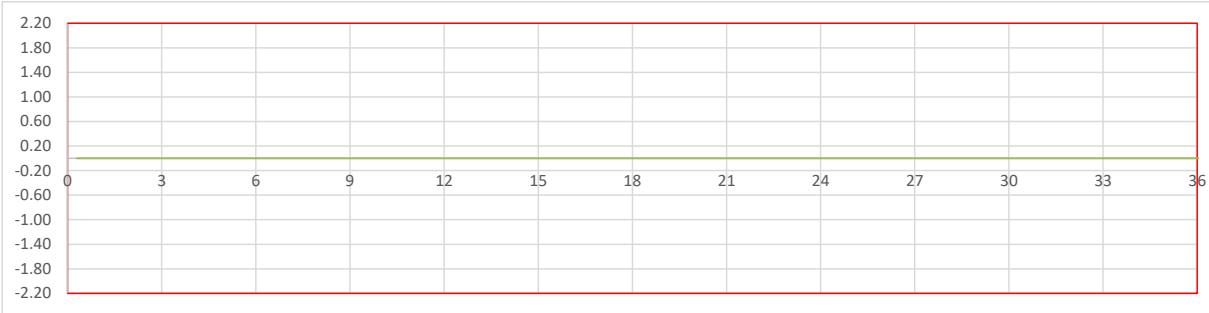
Run #: 0
Property F



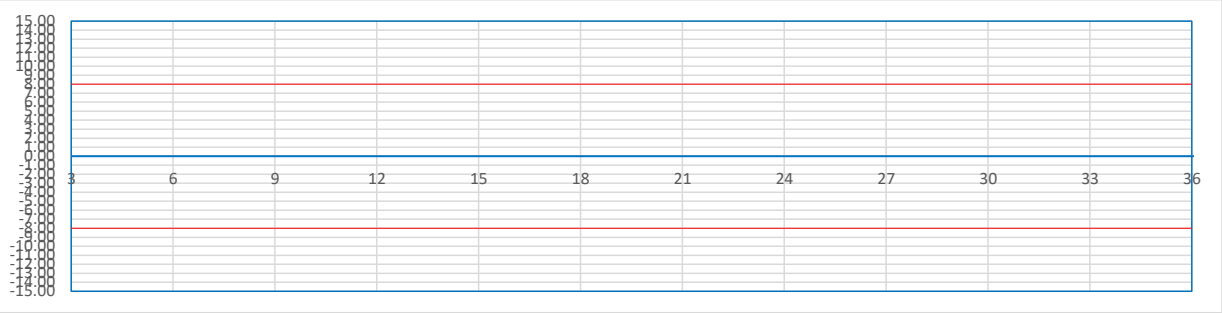
Property E



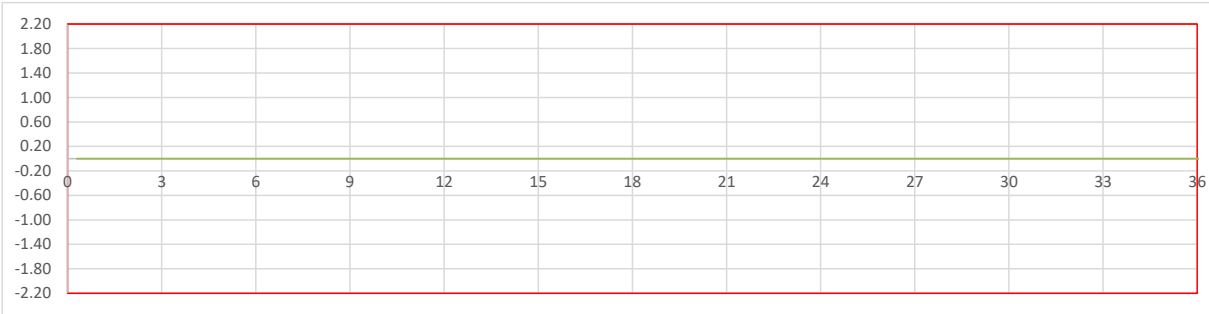
Run #: 0
Property F



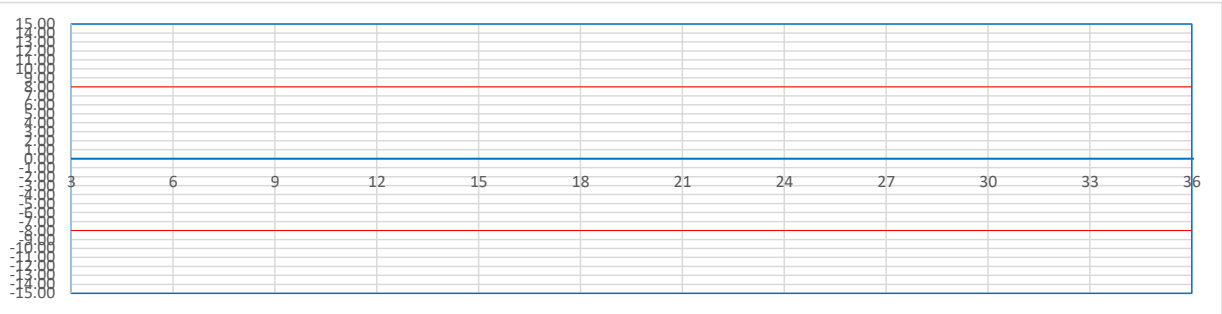
Property E



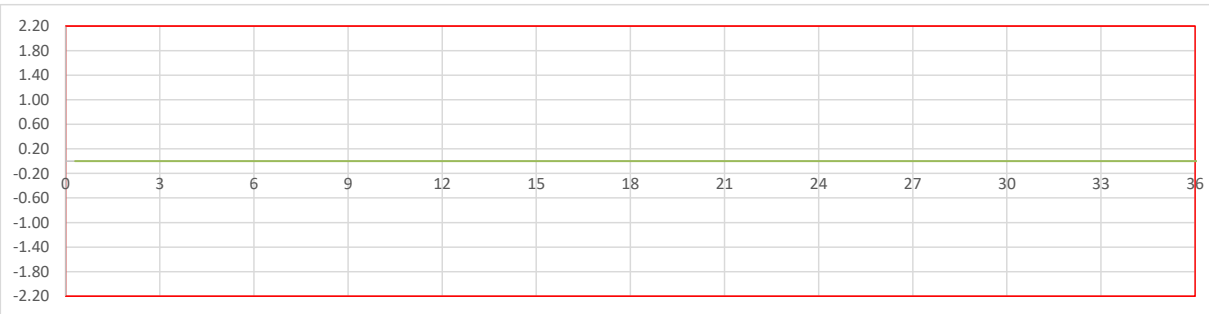
Run #: 0
Property F



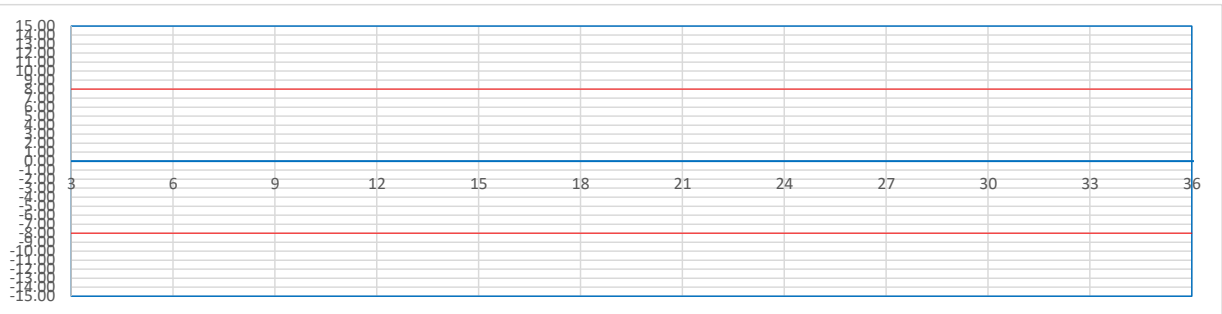
Property E



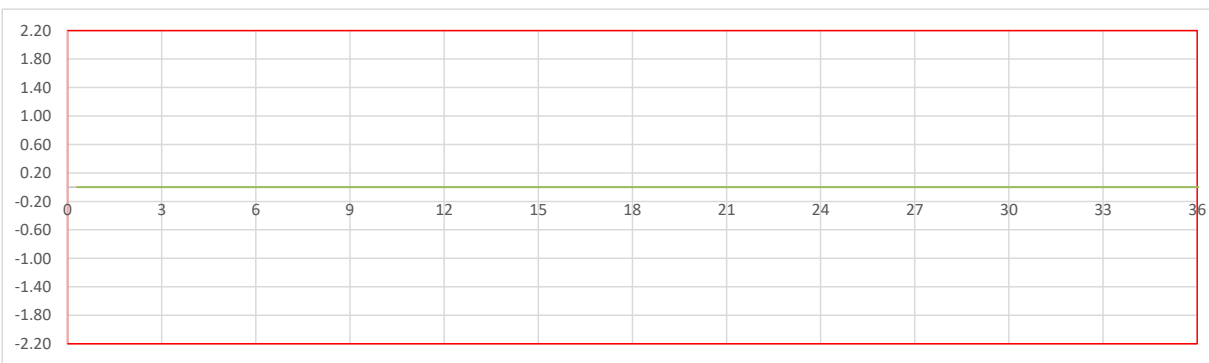
Run #: 0
Property F



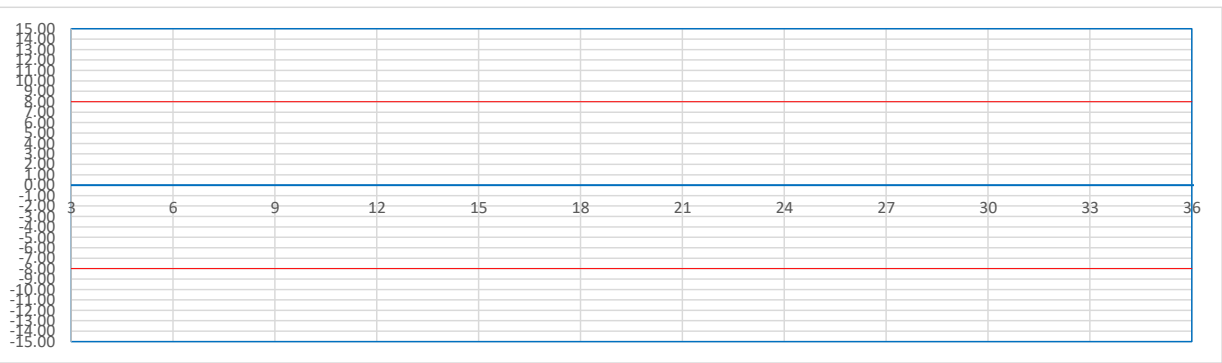
Property E



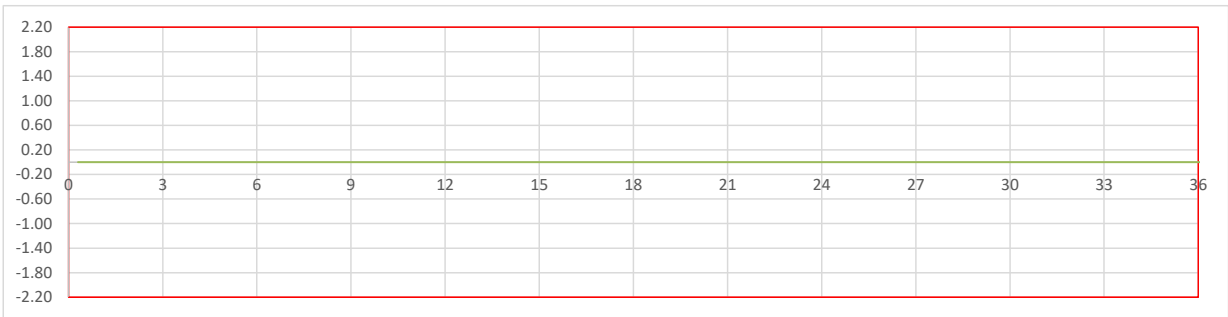
Run #: 0
Property F



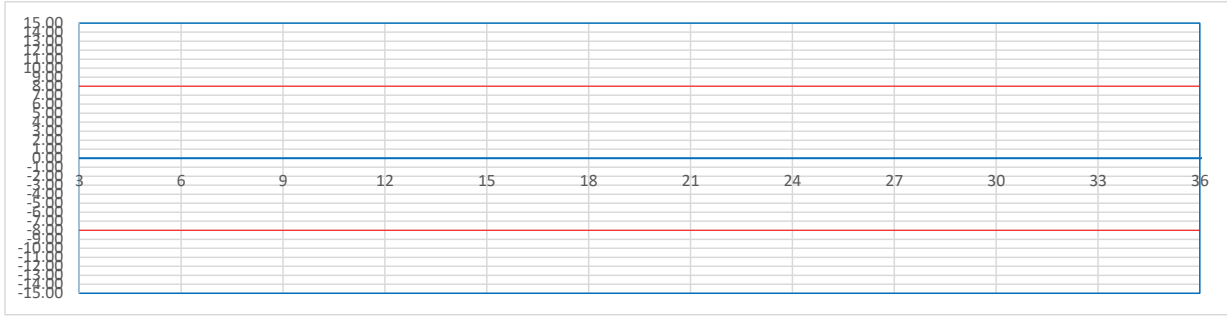
Property E



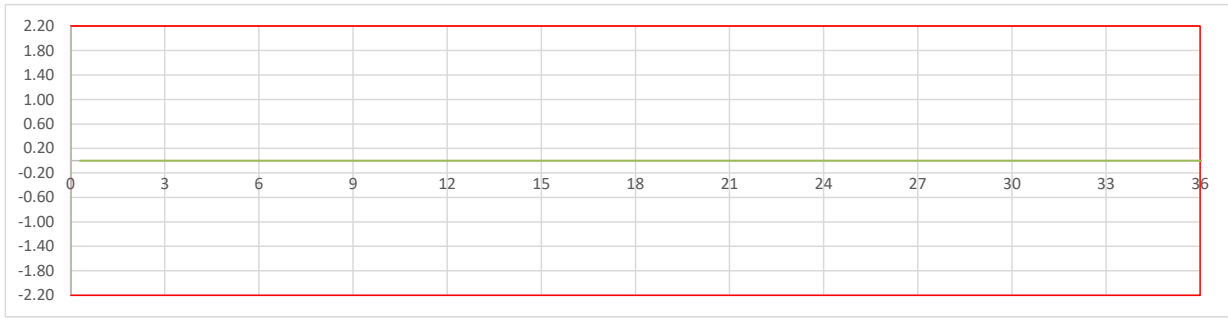
Run #: 0
Property F



Property E



Run #: 0
Property F



Property E

