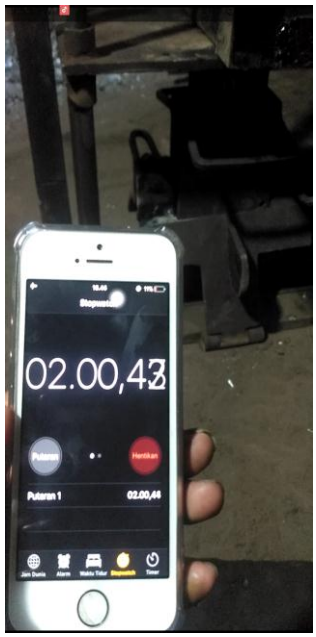
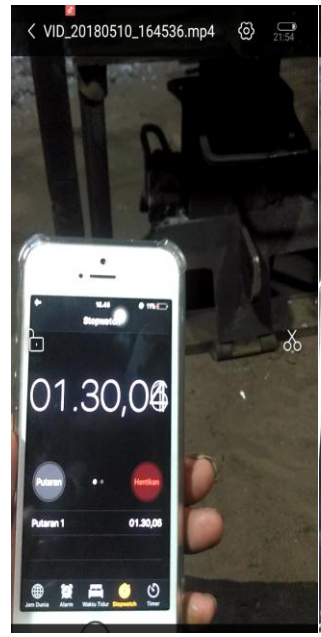
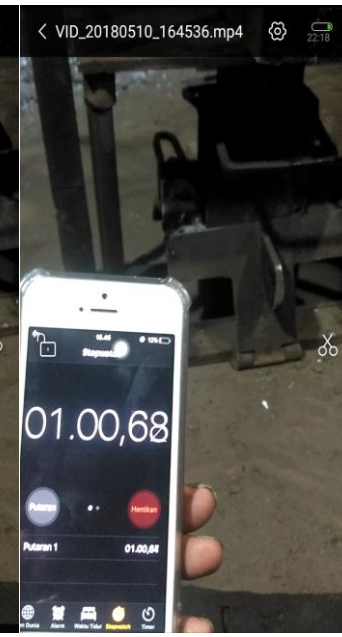
LAMPIRAN

Squeeze Casting


02.00,43
Putaran
Hentikan
Putaran 1
02.00,44

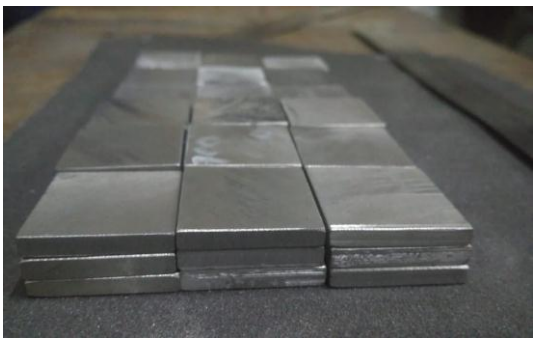

VID_20180510_164536.mp4
01.30,06
Putaran
Hentikan
Putaran 1
01.30,06

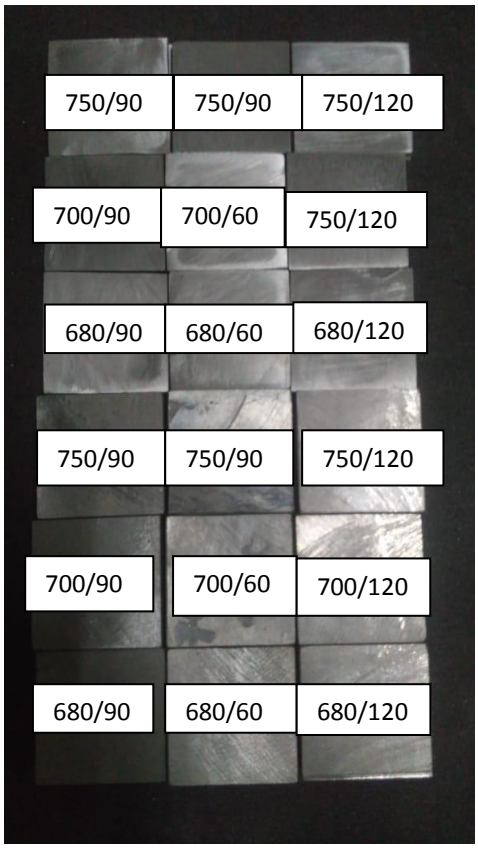

VID_20180510_164536.mp4
01.00,68
Putaran
Hentikan
Putaran 1

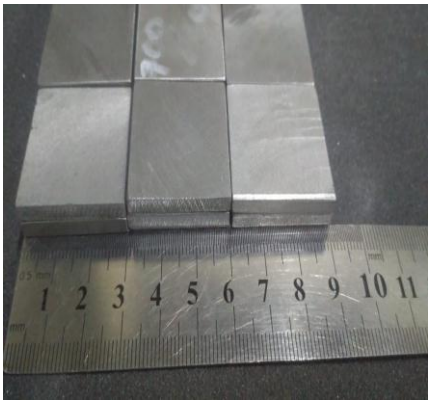

SCAN
70.5
EMS 0.92
UP
LOG
SET

Perlakuan Panas T6

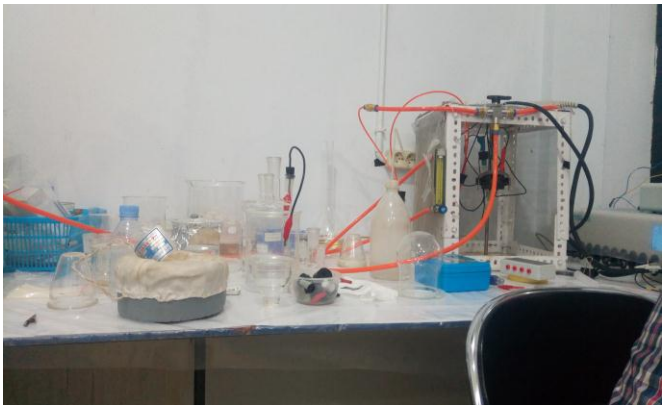
Spesimen Uji

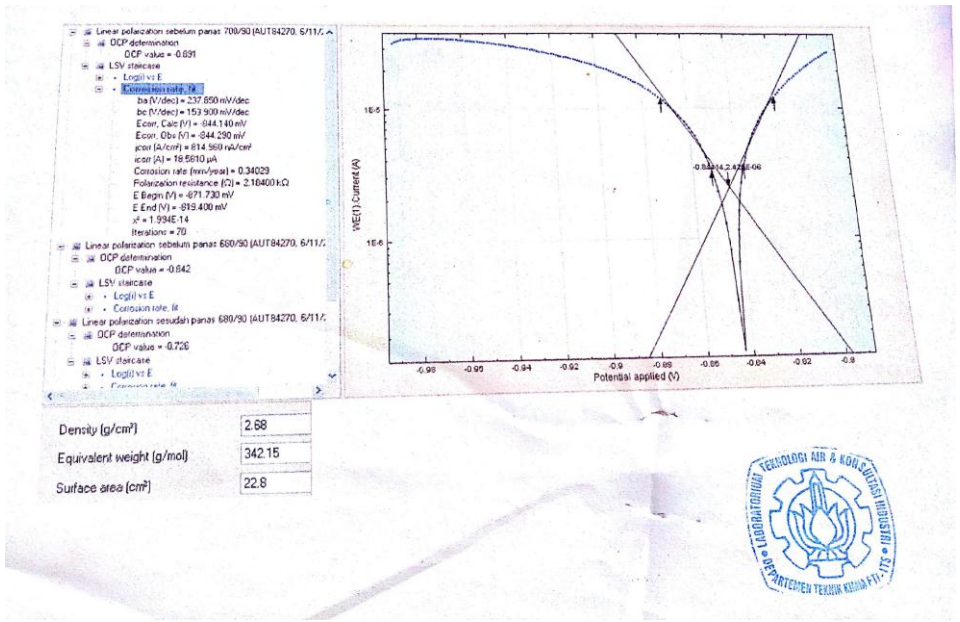


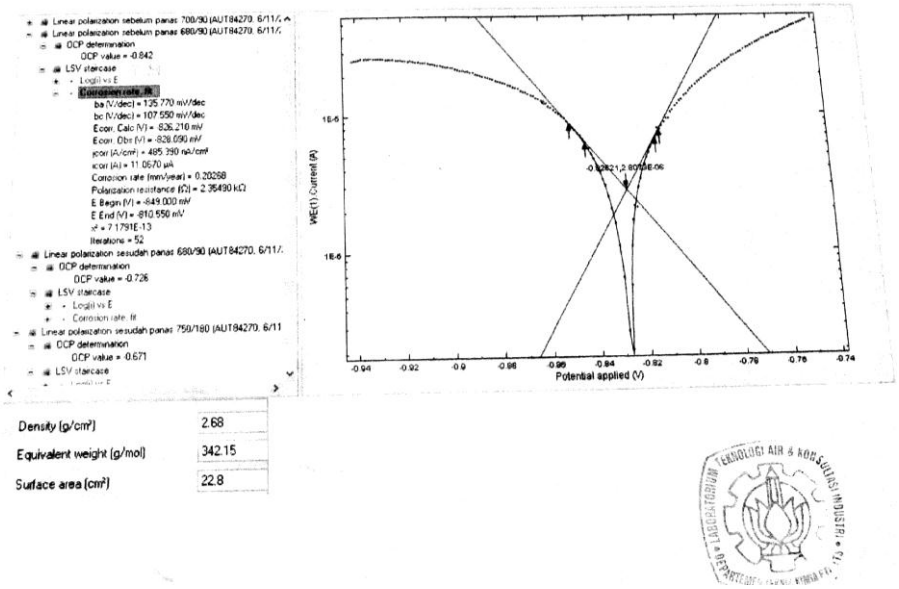

750/90
750/90
750/120
700/90
700/60
750/120
680/90
680/60
680/120
750/90
750/90
750/120
700/90
700/60
700/120
680/90
680/60
680/120

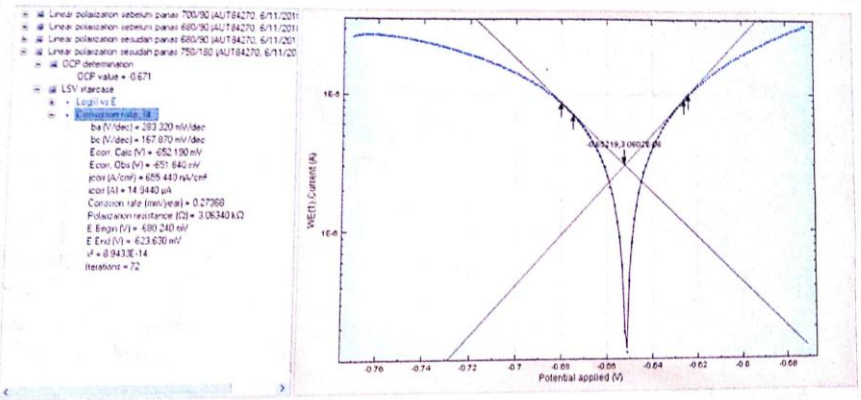

1 2 3 4 5 6 7 8 9 10 11

Uji Korosi

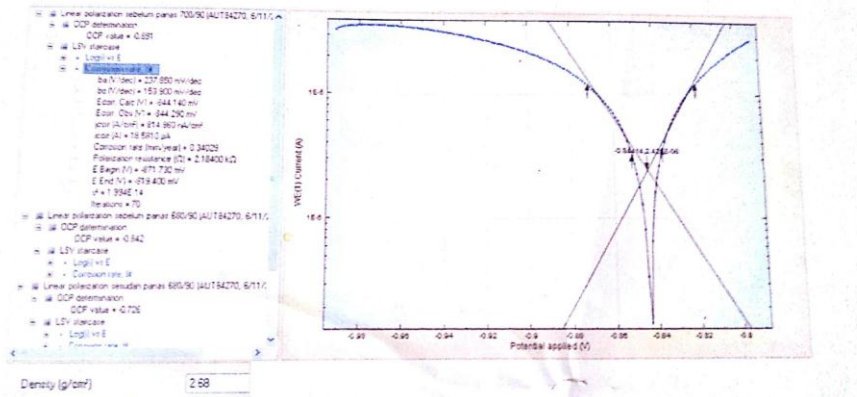



Linear polarization sebelum panas 700/90 (AUT84270, 6/11/
OCP determination
OCP value = -0.691
LSV staircase
Log(i) vs E
Corrosion rate_fit
ba (V/dec) = 237.850 mV/dec
bc (V/dec) = 153.900 mV/dec
Ecorr, Calc (V) = -844.140 mV
Ecorr, Obs (V) = -844.290 mV
jcorr (A/cm²) = 814.560 nA/cm²
icorr (A) = 16.5610 µA
Corrosion rate (mm/year) = 0.34029
Polarization resistance (Ω) = 2.16400 kΩ
E Begin (V) = -871.730 mV
E End (V) = -819.400 mV
χ² = 1.934E-14
Iterations = 70
Linear polarization sebelum panas 680/90 (AUT84270, 6/11/
OCP determination
OCP value = -0.842
LSV staircase
Log(i) vs E
Corrosion rate_fit
Linear polarization sesudah panas 680/90 (AUT84270, 6/11/
OCP determination
OCP value = -0.726
LSV staircase
Log(i) vs E
Corrosion rate_fit
WE(1) Current (A)
1E-5
1E-6
-0.98
-0.96
-0.94
-0.92
-0.9
-0.88
-0.86
-0.84
-0.82
-0.8
Potential applied (V)
Density (g/cm³)
2.68
Equivalent weight (g/mol)
342.15
Surface area (cm²)
22.8
LABORATORIUM TEKNOLOGI AIR & KONSERVASI MINERAL
JURUSAN TEKNIK KIMIA FTI - ITS
DEPARTEMEN TEKNIK KIMIA FTI - ITS


Linear polarization sebelum panas 700/90 (AUT84270, 6/11/
Linear polarization sebelum panas 680/90 (AUT84270, 6/11/
OCP determination
OCP value = -0.842
LSV staircase
Log(i) vs E
Corrosion rate_fit
ba (V/dec) = 135.770 mV/dec
bc (V/dec) = 107.550 mV/dec
Ecorr, Calc (V) = -826.210 mV
Ecorr, Obs (V) = -826.090 mV
jcorr (A/cm²) = 485.390 nA/cm²
icorr (A) = 11.0570 µA
Corrosion rate (mm/year) = 0.20268
Polarization resistance (Ω) = 2.35490 kΩ
E Begin (V) = -849.000 mV
E End (V) = -810.550 mV
χ² = 7.1791E-13
Iterations = 52
Linear polarization sesudah panas 680/90 (AUT84270, 6/11/
OCP determination
OCP value = -0.726
LSV staircase
Log(i) vs E
Corrosion rate_fit
Linear polarization sesudah panas 750/180 (AUT84270, 6/11
OCP determination
OCP value = -0.671
LSV staircase
WE(1) Current (A)
1E-5
1E-6
-0.94
-0.92
-0.9
-0.88
-0.86
-0.84
-0.82
-0.8
-0.78
-0.76
-0.74
Potential applied (V)
Density (g/cm³)
2.68
Equivalent weight (g/mol)
342.15
Surface area (cm²)
22.8
LABORATORIUM TEKNOLOGI AIR & KONSERVASI MINERAL
JURUSAN TEKNIK KIMIA FTI - ITS



Density (g/cm³)	2.68
Equivalent weight (g/mol)	342.15
Surface area (cm²)	22.8



Density (g/cm³)	2.68
Equivalent weight (g/mol)	342.15
Surface area (cm²)	22.8

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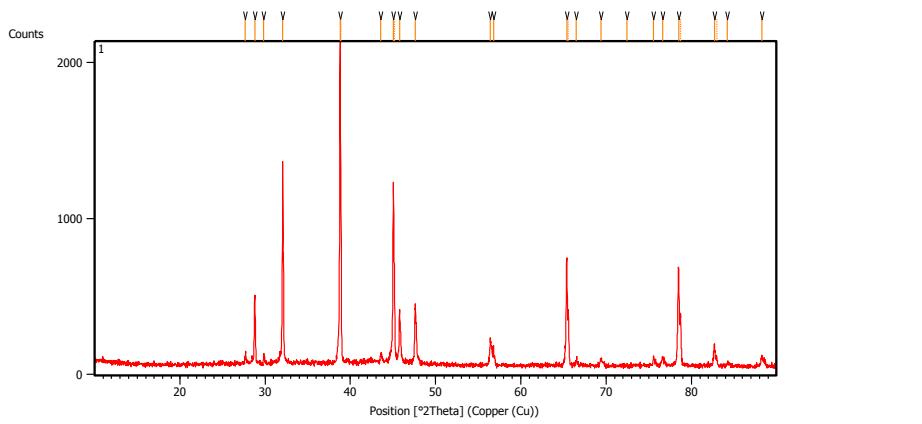
Modify it according to your own needs and standards.

Measurement Conditions: (Bookmark 1)

Dataset Name	1
File name	E:\DATA PENGUJIAN\Pengujian 2018\Juli\Widie\1\1.rd
Comment	Configuration=Reflection-Transmission Sp Goniometer=PW3050/60 (Theta/Theta); Mini
Measurement Date / Time	7/6/2018 7:18:00 AM
Raw Data Origin	PHILIPS-binary (scan) (.RD)
Scan Axis	Gonio
Start Position [°2Th.]	10.0084
End Position [°2Th.]	89.9764
Step Size [°2Th.]	0.0170
Scan Step Time [s]	10.1500
Scan Type	Continuous
Offset [°2Th.]	0.0000
Divergence Slit Type	Fixed
Divergence Slit Size [°]	0.2500
Specimen Length [mm]	10.00
Receiving Slit Size [mm]	12.7500
Measurement Temperature [°C]	-273.15
Anode Material	Cu
K-Alpha1 [Å]	1.54060
K-Alpha2 [Å]	1.54443
K-Beta [Å]	1.39225
K-A2 / K-A1 Ratio	0.50000
Generator Settings	30 mA, 40 kV
Diffractometer Type	XPert MPD
Diffractometer Number	1
Goniometer Radius [mm]	200.00
Dist. Focus-Diverg. Slit [mm]	91.00
Incident Beam Monochromator	No
Spinning	No

Main Graphics, Analyze View: (Bookmark 2)



Pos. [°2Th.]	Height [cts]	FWHM Left [°2Th.]	d-spacing [Å]	Rel. Int. [%]
27.6981	53.89	0.1338	3.22076	2.58
28.8001	433.61	0.1171	3.09998	20.78
29.8556	56.22	0.1004	2.99275	2.69
32.0732	1284.97	0.0669	2.79071	61.59
38.8103	2086.25	0.0816	2.31846	100.00
38.9267	970.79	0.0408	2.31754	46.53
43.5911	49.36	0.2448	2.07463	2.37
45.0581	1148.26	0.1224	2.01043	55.04
45.1870	593.88	0.0612	2.00997	28.47
45.7659	335.42	0.1020	1.98097	16.08
47.6081	377.97	0.0816	1.90852	18.1
56.4267	158.16	0.2040	1.62938	7.58
56.7895	131.54	0.0612	1.61983	6.31
65.3773	689.09	0.1428	1.42629	33.03
65.5504	348.42	0.1020	1.42647	16.70
66.5206	34.85	0.1224	1.40452	1.67
69.4082	43.90	0.2040	1.35297	2.10
72.4488	20.34	0.1020	1.30349	0.97
75.5613	58.05	0.1224	1.25734	2.78
76.6031	49.03	0.3264	1.24282	2.35
78.5048	617.57	0.1632	1.21741	29.60
78.7281	305.85	0.1020	1.21753	14.66
82.7075	139.14	0.2040	1.16587	6.67
82.9762	64.54	0.1224	1.16567	3.09
84.2308	21.39	0.4896	1.14863	1.03
88.2652	69.38	0.2040	1.10624	3.33

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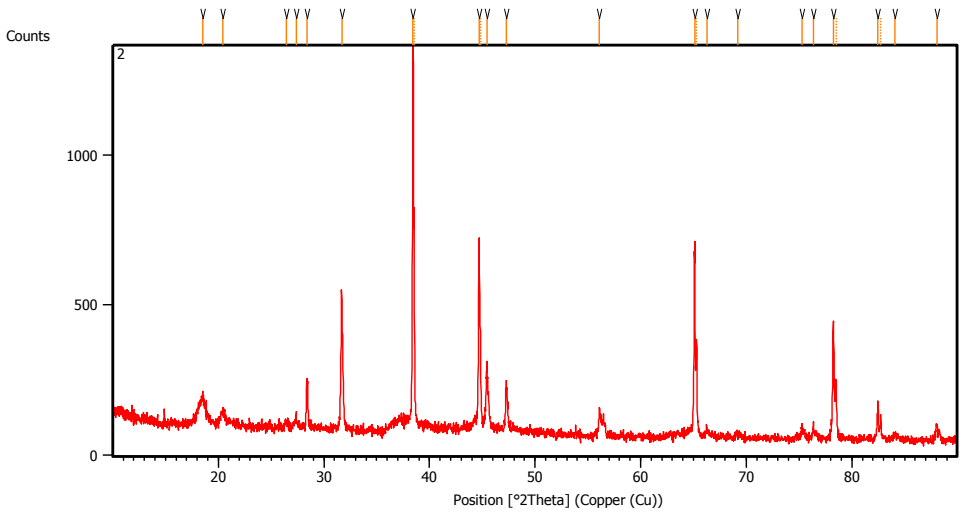
Measurement Conditions: (Bookmark 1)

Dataset Name	2
File name	E:\DATA PENGUJIAN\Pengujian 2018\Juli\Widie\2\2.rd
Comment	Configuration=Reflection-Transmission Sp Goniometer=PW3050/60 (Theta/Theta); Mini
Measurement Date / Time	7/6/2018 6:21:00 AM
Raw Data Origin	PHILIPS-binary (scan) (.RD)
Scan Axis	Gonio
Start Position [°2Th.]	10.0084
End Position [°2Th.]	89.9764
Step Size [°2Th.]	0.0170
Scan Step Time [s]	10.1500
Scan Type	Continuous
Offset [°2Th.]	0.0000
Divergence Slit Type	Fixed
Divergence Slit Size [°]	0.2500
Specimen Length [mm]	10.00
Receiving Slit Size [mm]	12.7500
Measurement Temperature [°C]	-273.15
Anode Material	Cu
K-Alpha1 [Å]	1.54060
K-Alpha2 [Å]	1.54443
K-Beta [Å]	1.39225
K-A2 / K-A1 Ratio	0.50000
Generator Settings	30 mA, 40 kV
Diffractometer Type	XPert MPD
Diffractometer Number	1
Goniometer Radius [mm]	200.00
Dist. Focus-Diverg. Slit [mm]	91.00
Incident Beam Monochromator	No
Spinning	No

Main Graphics, Analyze View: (Bookmark 2)



Pos. [°2Th.]	Height [cts]	FWHM Left [°2Th.]	d-spacing [Å]	Rel. Int. [%]
18.5011	93.78	0.3346	4.79582	7.44
20.4441	38.33	0.4015	4.34421	3.04
26.4637	14.06	0.4015	3.36812	1.11
27.3681	28.53	0.4015	3.25885	2.26
28.3850	164.11	0.0502	3.14436	13.01
31.6940	441.49	0.0836	2.82322	35.00
38.4498	1261.31	0.0816	2.33936	100.00
38.5563	653.08	0.0612	2.33895	51.78
44.7061	635.48	0.0816	2.02544	50.38
44.8340	321.51	0.0612	2.02497	25.49
45.4369	191.09	0.1428	1.99455	15.15
47.2553	136.82	0.0816	1.92195	10.85
56.1003	94.96	0.1632	1.63808	7.53
65.1069	575.06	0.1020	1.43155	45.59
65.3030	302.38	0.0816	1.43127	23.97
66.2972	18.78	0.4896	1.40871	1.49
69.1938	14.02	0.4896	1.35664	1.11
75.2515	38.93	0.4080	1.26175	3.09
76.3460	48.00	0.1224	1.24636	3.81
78.2357	392.52	0.1224	1.22092	31.12
78.5104	185.71	0.1224	1.22036	14.72
82.4759	117.04	0.1020	1.16856	9.28
82.7350	75.82	0.0816	1.16845	6.01
84.0937	17.25	0.4896	1.15015	1.37
88.0332	46.99	0.1632	1.10856	3.73

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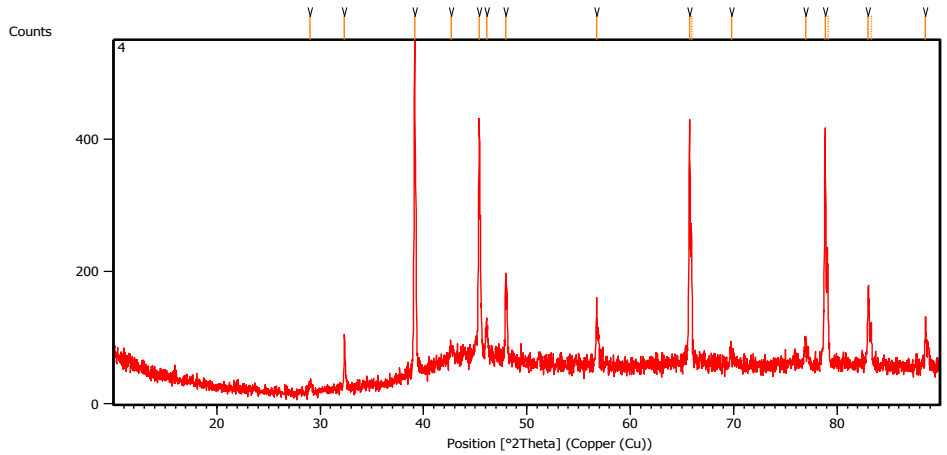
Measurement Conditions: (Bookmark 1)

Dataset Name	4
File name	E:\DATA PENGUJIAN\Pengujian 2018\Juli\Widie\4\4.rd
Comment	Configuration=Reflection-Transmission Sp Goniometer=PW3050/60 (Theta/Theta); Mini
Measurement Date / Time	7/6/2018 6:48:00 AM
Raw Data Origin	PHILIPS-binary (scan) (.RD)
Scan Axis	Gonio
Start Position [°2Th.]	10.0084
End Position [°2Th.]	89.9764
Step Size [°2Th.]	0.0170
Scan Step Time [s]	10.1500
Scan Type	Continuous
Offset [°2Th.]	0.0000
Divergence Slit Type	Fixed
Divergence Slit Size [°]	0.2500
Specimen Length [mm]	10.00
Receiving Slit Size [mm]	12.7500
Measurement Temperature [°C]	-273.15
Anode Material	Cu
K-Alpha1 [Å]	1.54060
K-Alpha2 [Å]	1.54443
K-Beta [Å]	1.39225
K-A2 / K-A1 Ratio	0.50000
Generator Settings	30 mA, 40 kV
Diffractometer Type	XPert MPD
Diffractometer Number	1
Goniometer Radius [mm]	200.00
Dist. Focus-Diverg. Slit [mm]	91.00
Incident Beam Monochromator	No
Spinning	No

Main Graphics, Analyze View: (Bookmark 2)



Pos. [°2Th.]	Height [cts]	FWHM Left [°2Th.]	d-spacing [Å]	Rel. Int. [%]
29.0389	11.53	0.2676	3.07503	2.25
32.3515	70.56	0.0669	2.76734	13.77
39.1569	512.29	0.0669	2.30064	100.00
42.7069	23.36	0.4015	2.11726	4.56
45.4022	370.20	0.1171	1.99764	72.26
46.1404	53.69	0.2342	1.96738	10.48
47.9610	131.08	0.0669	1.89687	25.59
56.7440	104.24	0.0816	1.62102	20.35
65.7335	367.26	0.1428	1.41942	71.69
65.9208	188.44	0.1224	1.41936	36.78
69.8279	15.58	0.4896	1.34586	3.04
76.9542	35.65	0.1632	1.23802	6.96
78.8502	353.97	0.1224	1.21294	69.09
79.1215	148.45	0.1428	1.21246	28.98
83.0203	115.20	0.1224	1.16227	22.49
83.3143	59.70	0.1224	1.16180	11.65
.5567	61.77	880.1632	1.10335	12.06

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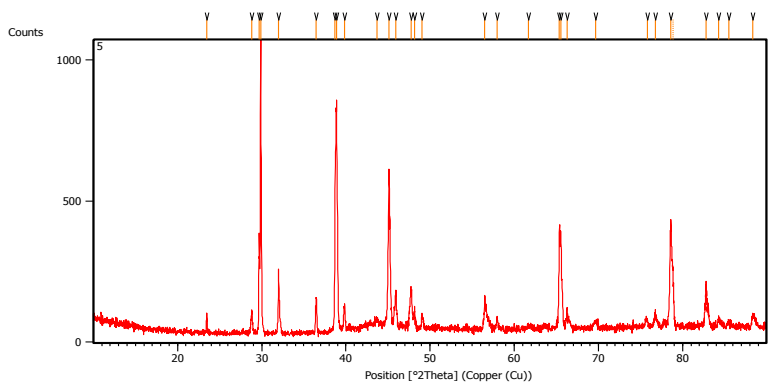
Measurement Conditions: (Bookmark 1)

Dataset Name	5
File name	E:\DATA PENGUJIAN\Pengujian 2018\Juli\Widie\5\5.rd
Comment	Configuration=Reflection-Transmission Sp Goniometer=PW3050/60 (Theta/Theta); Mini
Measurement Date / Time	7/5/2018 3:12:00 PM
Raw Data Origin	PHILIPS-binary (scan) (.RD)
Scan Axis	Gonio
Start Position [°2Th.]	10.0084
End Position [°2Th.]	89.9764
Step Size [°2Th.]	0.0170
Scan Step Time [s]	10.1500
Scan Type	Continuous
Offset [°2Th.]	0.0000
Divergence Slit Type	Fixed
Divergence Slit Size [°]	0.2500
Specimen Length [mm]	10.00
Receiving Slit Size [mm]	12.7500
Measurement Temperature [°C]	-273.15
Anode Material	Cu
K-Alpha1 [Å]	1.54060
K-Alpha2 [Å]	1.54443
K-Beta [Å]	1.39225
K-A2 / K-A1 Ratio	0.50000
Generator Settings	30 mA, 40 kV
Diffractometer Type	XPert MPD
Diffractometer Number	1
Goniometer Radius [mm]	200.00
Dist. Focus-Diverg. Slit [mm]	91.00
Incident Beam Monochromator	No
Spinning	No

Main Graphics, Analyze View: (Bookmark 2)



Pos. [°2Th.]	Height [cts]	FWHM Left [°2Th.]	d-spacing [Å]	Rel. Int. [%]
23.4559	66.52	0.0669	3.79277	6.30
28.8251	69.92	0.1004	3.09735	6.62
29.6919	261.83	0.0836	3.00887	24.80
29.8708	1055.62	0.0669	2.99126	100.00
32.0036	227.18	0.0669	2.79662	21.52
36.4824	121.41	0.1673	2.46292	11.50
38.7226	510.39	0.0816	2.32351	48.35
38.8953	813.90	0.1004	2.31551	77.10
39.8068	81.48	0.1673	2.26456	7.72
43.7195	24.71	0.3346	2.07054	2.34
45.1295	560.24	0.0669	2.00908	53.07
45.9539	132.93	0.1171	1.97494	12.59
47.7552	140.90	0.2007	1.90456	13.35
48.1482	64.96	0.1004	1.88993	6.15
49.0264	46.56	0.1338	1.85812	4.41
56.5051	112.53	0.1004	1.62865	10.66
57.9766	32.73	0.1673	1.59077	3.10
61.7117	9.66	0.8029	1.50315	0.91
65.3675	355.35	0.1224	1.42648	33.66
65.5676	298.48	0.1004	1.42378	28.28
66.2719	70.10	0.1004	1.41035	6.64
69.6675	22.46	0.3346	1.34969	2.13
75.8047	24.48	0.2342	1.25495	2.32
76.7638	37.56	0.3346	1.24164	3.56
78.5708	347.56	0.2448	1.21655	32.92
78.8700	190.02	0.1224	1.21570	18.00
82.8004	142.09	0.2448	1.16480	13.46
84.2746	24.51	0.2448	1.14814	2.32
85.5216	15.22	0.4896	1.13456	1.44
88.3564	41.20	0.4896	1.10533	3.90

This is the simple example template containing only headers for each report item and the bookmarks. The invisible bookmarks are indicated by text between brackets.
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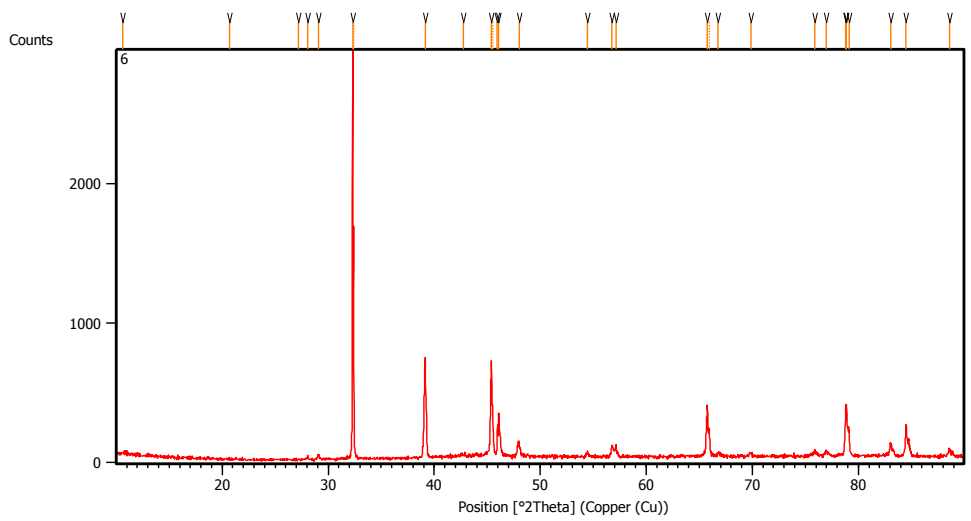
Measurement Conditions: (Bookmark 1)

Dataset Name	6
File name	E:\DATA PENGUJIAN\Pengujian 2018\Juli\Widie\6\6.rd
Comment	Configuration=Reflection-Transmission Sp Goniometer=PW3050/60 (Theta/Theta); Mini
Measurement Date / Time	7/6/2018 6:31:00 AM
Raw Data Origin	PHILIPS-binary (scan) (.RD)
Scan Axis	Gonio
Start Position [°2Th.]	10.0084
End Position [°2Th.]	89.9764
Step Size [°2Th.]	0.0170
Scan Step Time [s]	10.1500
Scan Type	Continuous
Offset [°2Th.]	0.0000
Divergence Slit Type	Fixed
Divergence Slit Size [°]	0.2500
Specimen Length [mm]	10.00
Receiving Slit Size [mm]	12.7500
Measurement Temperature [°C]	-273.15
Anode Material	Cu
K-Alpha1 [Å]	1.54060
K-Alpha2 [Å]	1.54443
K-Beta [Å]	1.39225
K-A2 / K-A1 Ratio	0.50000
Generator Settings	30 mA, 40 kV
Diffractometer Type	XPert MPD
Diffractometer Number	1
Goniometer Radius [mm]	200.00
Dist. Focus-Diverg. Slit [mm]	91.00
Incident Beam Monochromator	No
Spinning	No

Main Graphics, Analyze View: (Bookmark 2)



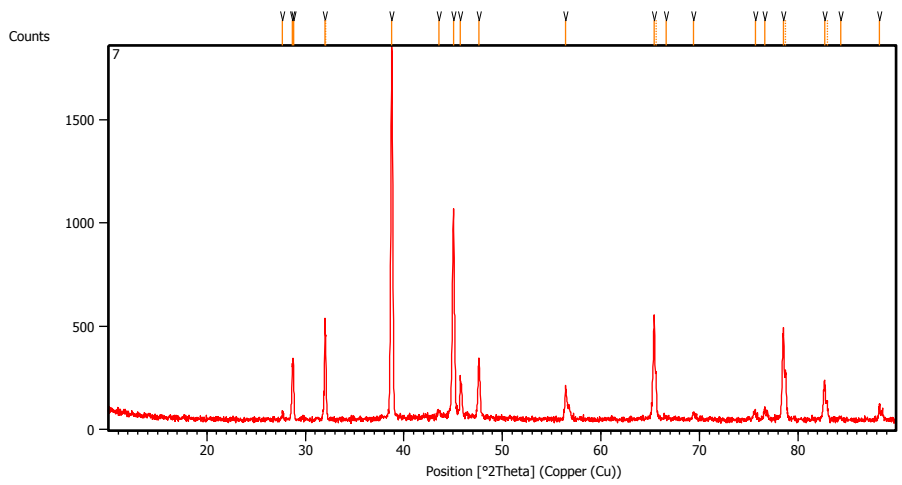
Pos. [°2Th.]	Height [cts]	FWHM Left [°2Th.]	d-spacing [Å]	Rel. Int. [%]
10.6464	11.26	0.8029	8.30984	0.38
20.6840	8.96	0.1171	4.29436	0.30
27.1896	10.40	0.1004	3.27983	0.35
28.0752	27.40	0.1004	3.17836	0.93
29.0708	33.91	0.1673	3.07173	1.15
32.3127	2950.70	0.0408	2.76828	100.00
32.4082	1416.40	0.0408	2.76719	48.00
39.1608	728.63	0.1020	2.29851	24.69
42.7194	12.59	0.6528	2.11492	0.43
45.3924	700.14	0.1020	1.99639	23.73
45.5336	329.49	0.0816	1.99548	11.17
45.9603	229.34	0.0612	1.97304	7.77
46.0885	315.86	0.0816	1.96785	10.70
48.0012	109.27	0.2244	1.89381	3.70
54.4436	27.22	0.2448	1.68395	0.92
56.7426	82.63	0.1224	1.62106	2.80
57.1246	71.70	0.1224	1.61112	2.43
65.7649	343.27	0.1836	1.41881	11.63
65.9470	170.59	0.0816	1.41885	5.78
66.7768	22.61	0.2448	1.39975	0.77
69.8451	20.88	0.2448	1.34557	0.71
75.8627	31.95	0.4080	1.25310	1.08
76.9431	34.55	0.4896	1.23817	1.17
78.8094	341.35	0.0816	1.21346	11.57
78.8784	370.19	0.0612	1.21257	12.55
79.1187	180.32	0.1020	1.20949	6.11
83.0583	78.46	0.1632	1.16184	2.66
84.4891	221.12	0.1020	1.14577	7.49
88.5784	53.46	0.1632	1.10314	1.81

This is the simple example template containing only headers for each report item and the bookmarks. The invisible bookmarks are indicated by text between brackets. Modify it according to your own needs and standards.

Measurement Conditions: (Bookmark 1)

Dataset Name	7
File name	E:\DATA PENGUJIAN\Pengujian 2018\Juli\Widie\7\7.rd
Comment	Configuration=Reflection-Transmission Sp Goniometer=PW3050/60 (Theta/Theta); Mini
Measurement Date / Time	7/6/2018 7:32:00 AM
Raw Data Origin	PHILIPS-binary (scan) (.RD)
Scan Axis	Gonio
Start Position [°2Th.]	10.0084
End Position [°2Th.]	89.9764
Step Size [°2Th.]	0.0170
Scan Step Time [s]	10.1500
Scan Type	Continuous
Offset [°2Th.]	0.0000
Divergence Slit Type	Fixed
Divergence Slit Size [°]	0.2500
Specimen Length [mm]	10.00
Receiving Slit Size [mm]	12.7500
Measurement Temperature [°C]	-273.15
Anode Material	Cu
K-Alpha1 [Å]	1.54060
K-Alpha2 [Å]	1.54443
K-Beta [Å]	1.39225
K-A2 / K-A1 Ratio	0.50000
Generator Settings	30 mA, 40 kV
Diffractometer Type	XPert MPD
Diffractometer Number	1
Goniometer Radius [mm]	200.00
Dist. Focus-Diverg. Slit [mm]	91.00
Incident Beam Monochromator	No
Spinning	No

Main Graphics, Analyze View: (Bookmark 2)



Pos. [°2Th.]	Height [cts]	FWHM Left [°2Th.]	d-spacing [Å]	Rel. Int. [%]
27.6861	40.32	0.1338	3.22213	2.24
28.6845	275.57	0.0816	3.10963	15.32
28.7859	278.42	0.0669	3.10148	15.48
31.9897	492.76	0.0816	2.79548	27.40
32.0759	382.23	0.0612	2.79510	21.25
38.7700	1798.57	0.2448	2.32078	100.00
43.5679	30.94	0.3264	2.07568	1.72
45.0513	1007.91	0.2040	2.01071	56.04
45.7283	202.83	0.0816	1.98251	11.28
47.6139	279.28	0.1428	1.90831	15.53
56.4187	164.08	0.1224	1.62959	9.12
65.4155	502.27	0.1224	1.42554	27.93
65.6007	215.91	0.0816	1.42550	12.00
66.6524	11.17	0.4896	1.40206	0.62
69.3649	33.14	0.2040	1.35371	1.84
75.6810	51.30	0.1224	1.25565	2.85
76.6401	53.83	0.2040	1.24231	2.99
78.5354	445.49	0.2244	1.21701	24.77
78.7623	218.88	0.1224	1.21709	12.17
82.6945	185.03	0.2040	1.16602	10.29
82.9748	83.52	0.1428	1.16568	4.64
84.3219	14.41	0.4896	1.14762	0.80
88.2574	69.13	0.1632	1.10632	3.84

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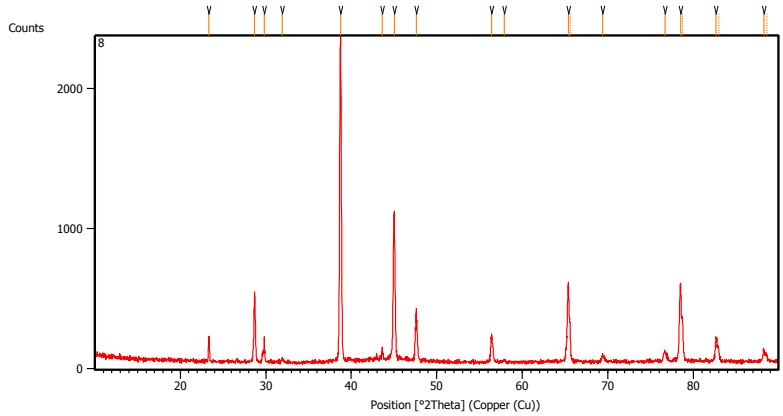
Measurement Conditions: (Bookmark 1)

Dataset Name	8
File name	E:\DATA PENGUJIAN\Pengujian 2018\Juli\Widie\8\8.rd
Comment	Configuration=Reflection-Transmission Sp Goniometer=PW3050/60 (Theta/Theta); Mini
Measurement Date / Time	7/6/2018 7:04:00 AM
Raw Data Origin	PHILIPS-binary (scan) (.RD)
Scan Axis	Gonio
Start Position [°2Th.]	10.0084
End Position [°2Th.]	89.9764
Step Size [°2Th.]	0.0170
Scan Step Time [s]	10.1500
Scan Type	Continuous
Offset [°2Th.]	0.0000
Divergence Slit Type	Fixed
Divergence Slit Size [°]	0.2500
Specimen Length [mm]	10.00
Receiving Slit Size [mm]	12.7500
Measurement Temperature [°C]	-273.15
Anode Material	Cu
K-Alpha1 [Å]	1.54060
K-Alpha2 [Å]	1.54443
K-Beta [Å]	1.39225
K-A2 / K-A1 Ratio	0.50000
Generator Settings	30 mA, 40 kV
Diffractometer Type	XPert MPD
Diffractometer Number	1
Goniometer Radius [mm]	200.00
Dist. Focus-Diverg. Slit [mm]	91.00
Incident Beam Monochromator	No
Spinning	No

Main Graphics, Analyze View: (Bookmark 2)



Pos. [°2Th.]	Height [cts]	FWHM Left [°2Th.]	d-spacing [Å]	Rel. Int. [%]
23.3472	176.49	0.1338	3.81019	7.65
28.7111	497.83	0.1673	3.10939	21.57
29.8190	189.30	0.0502	2.99634	8.20
31.9170	24.29	0.2007	2.80401	1.05
38.7668	2308.23	0.2007	2.32288	100.00
43.6118	63.30	0.1673	2.07541	2.74
45.0543	1000.41	0.1506	2.01226	43.34
47.5912	344.70	0.0836	1.91074	14.93
56.4355	207.75	0.1004	1.63050	9.00
57.9043	20.24	0.2007	1.59258	0.88
65.3984	549.55	0.1632	1.42588	23.81
65.5824	276.04	0.1020	1.42586	11.96
69.3813	45.03	0.4896	1.35343	1.95
76.6726	75.66	0.2448	1.24186	3.28
78.5048	555.89	0.1836	1.21741	24.08
78.7515	292.57	0.0816	1.21723	12.67
82.6376	152.59	0.2040	1.16668	6.61
82.9690	97.35	0.1224	1.16575	4.22
88.2606	81.40	0.1632	1.10629	3.53
88.6121	40.93	0.2040	1.10554	1.77

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Measurement Conditions: (Bookmark 1)

Dataset Name	9
File name	E:\DATA PENGUJIAN\Pengujian 2018\Juli\Widie\9\9.rd
Comment	Configuration=Reflection-Transmission Sp Goniometer=PW3050/60 (Theta/Theta); Mini
Measurement Date / Time	7/6/2018 6:39:00 AM
Raw Data Origin	PHILIPS-binary (scan) (.RD)
Scan Axis	Gonio
Start Position [°2Th.]	10.0084
End Position [°2Th.]	89.9764
Step Size [°2Th.]	0.0170
Scan Step Time [s]	10.1500
Scan Type	Continuous
Offset [°2Th.]	0.0000
Divergence Slit Type	Fixed
Divergence Slit Size [°]	0.2500
Specimen Length [mm]	10.00
Receiving Slit Size [mm]	12.7500
Measurement Temperature [°C]	-273.15
Anode Material	Cu
K-Alpha1 [Å]	1.54060
K-Alpha2 [Å]	1.54443
K-Beta [Å]	1.39225
K-A2 / K-A1 Ratio	0.50000
Generator Settings	30 mA, 40 kV
Diffractometer Type	XPert MPD
Diffractometer Number	1
Goniometer Radius [mm]	200.00
Dist. Focus-Diverg. Slit [mm]	91.00
Incident Beam Monochromator	No
Spinning	No

Main Graphics, Analyze View: (Bookmark 2)

Pos. [°2Th.]	Height [cts]	FWHM Left [°2Th.]	d-spacing [Å]	Rel. Int. [%]
28.9330	525.43	0.0836	3.08605	17.31
30.0086	79.54	0.0502	2.97783	2.62
32.1875	79.03	0.0502	2.78106	2.60
36.4933	39.65	0.1673	2.46221	1.31
38.9539	3035.47	0.1020	2.31025	100.00
39.0718	1415.81	0.0612	2.30927	46.64
43.8023	36.66	0.3264	2.06511	1.21
45.1847	2613.37	0.0816	2.00509	86.09
45.3137	1362.47	0.0816	2.00465	44.88
45.9883	36.42	0.2448	1.97190	1.20
47.7625	203.66	0.1224	1.90271	6.71
49.1791	28.28	0.2448	1.85117	0.93
56.5751	126.88	0.1632	1.62546	4.18
58.0832	11.55	0.3264	1.58679	0.38
61.7102	18.76	0.2448	1.50194	0.62
65.5393	849.70	0.1224	1.42315	27.99
65.7184	466.86	0.1020	1.42323	15.38
69.5591	62.50	0.2856	1.35041	2.06
73.6092	8.70	0.4080	1.28579	0.29
76.8855	38.24	0.3264	1.23896	1.26
78.6382	976.29	0.1224	1.21568	32.16
78.8858	471.28	0.1224	1.21549	15.53
82.8162	435.35	0.1632	1.16462	14.34
83.0944	228.57	0.1428	1.16431	7.53
88.3990	51.41	0.1632	1.10491	1.69