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LAMPIRAN

Pengujian Komposisi Baja



Analysis

Start

New

Post

Del

Store

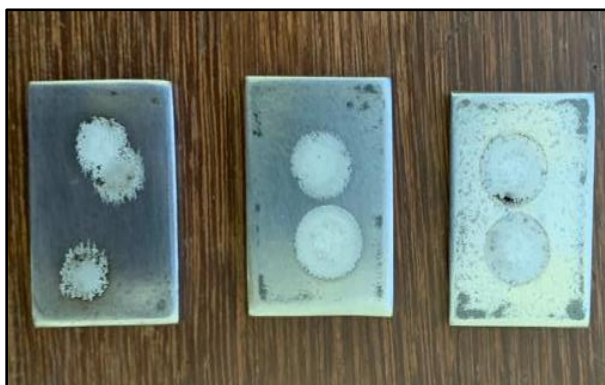
Sample: Sampel A10 1020P arah Radhyal(Rud, S.T.M.T.(RajKodi)

Average	Element	Burn 1	Burn 2	Burn 3	Burn 4	Burn 5	Burn 6	Burn 7
99.5	Fe %	99.5	99.5	99.5				
0.0494	C %	0.0477	0.0433	0.0571				
0.0324	Si %	0.0310	0.0271	0.0325				
0.187	Mn %	0.192	0.181	0.187				
0.0060	P %	0.0060	0.0057	0.0064				
0.0035	S %	0.0032	0.0032	0.0040				
0.0004	Cr %	0.0213	0.0203	0.0200				
0.0046	Mo %	0.0044	0.0046	0.0048				
0.0103	Ni %	0.0105	0.0104	0.0101				
0.0454	Al %	0.0451	0.0446	0.0466				
0.0010	Co %	0.0010	0.0010	0.0027				
0.0005	Cu %	0.0003	0.0003	0.0006				
0.0005	Nb %	0.0005	0.0005	0.0005				
0.0024	Ti %	0.0040	0.0023	0.0008				
0.0011	V %	0.0009	0.0013	0.0012				
0.0438	W %	0.0406	0.0407	0.0451				
0.0049	Zr %	0.0044	0.0045	0.0057				
0.0010	Sn %	0.0010	0.0010	0.0010				
0.0004	B %	0.0004	0.0004	0.0004				
0.0023	Ca %	0.0025	0.0013	0.0030				
0.0005	Er %	0.0005	0.0005	0.0005				
0.0005	Sr %	0.0005	0.0005	0.0005				
0.0147	Zn %	0.0149	0.0140	0.0151				
0.0013	As %	0.0010	0.0015	0.0015				
0.0144	Se %	0.0135	0.0144	0.0154				
0.0000	Ag %	0.0000	0.0000	0.0000				

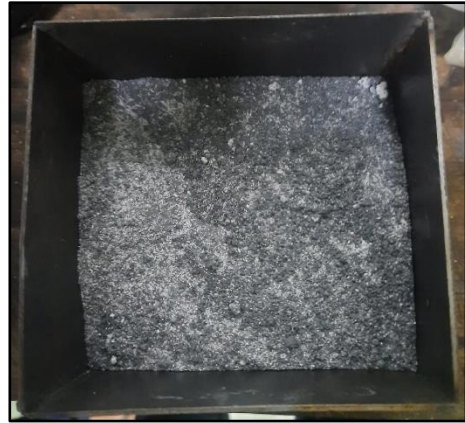
FE_101

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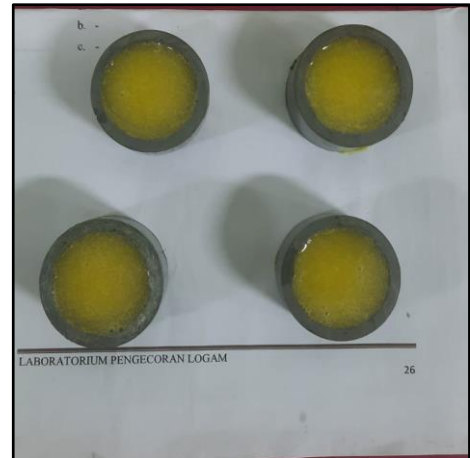
Proses Karburisasi



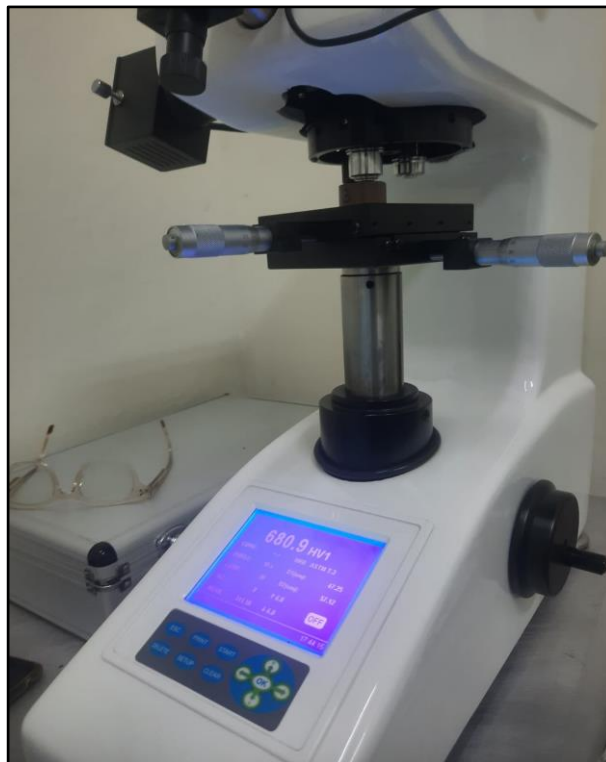
Proses Quenching



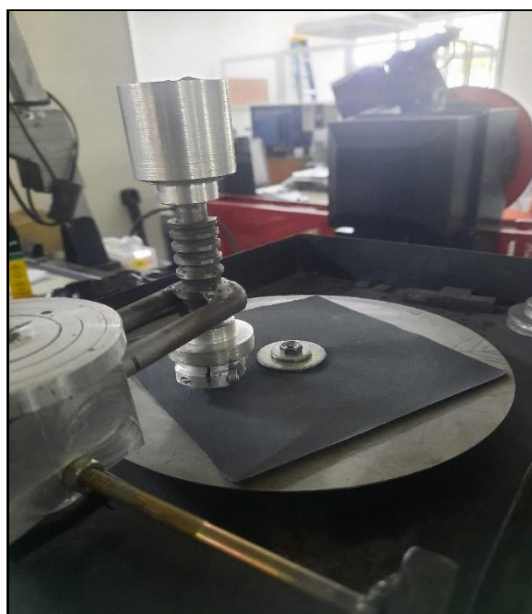
Proses Mounting



Pengujian Kekerasan



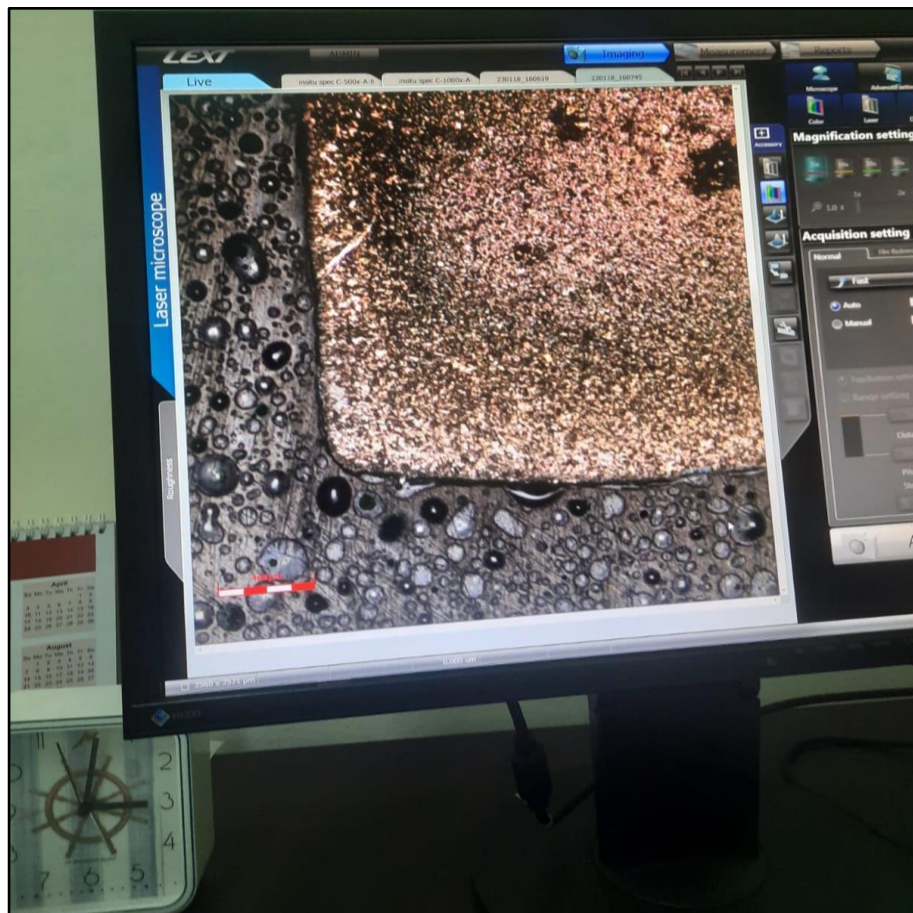
Pengujian Keausan



Proses Etsa



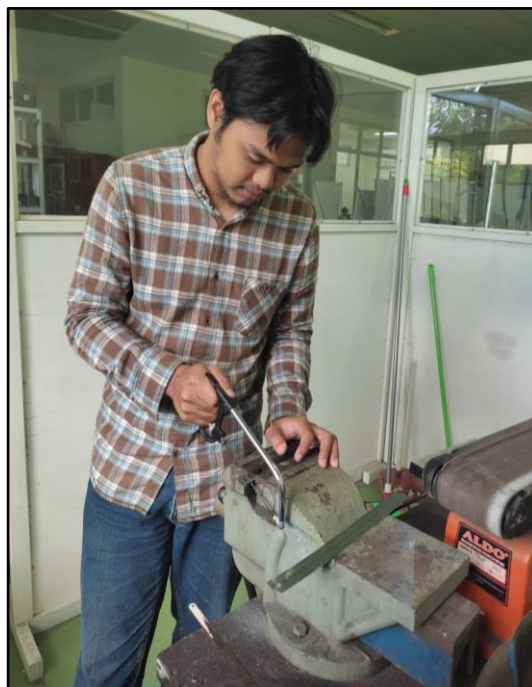
Pengujian Struktur Mikro



Proses Pembuatan Wadah Karburisasi



Proses Pemotongan Spesimen



Proses Mencampurkan Komposisi Kimia

