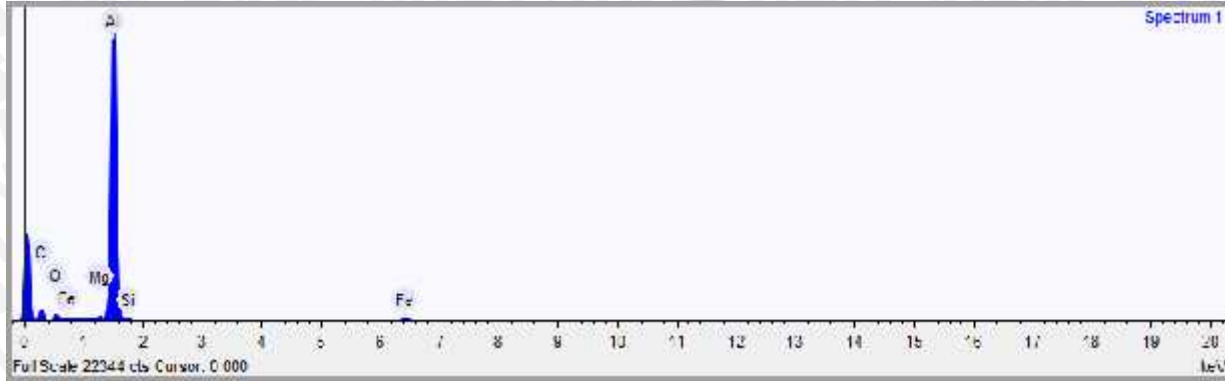


LAMPIRAN

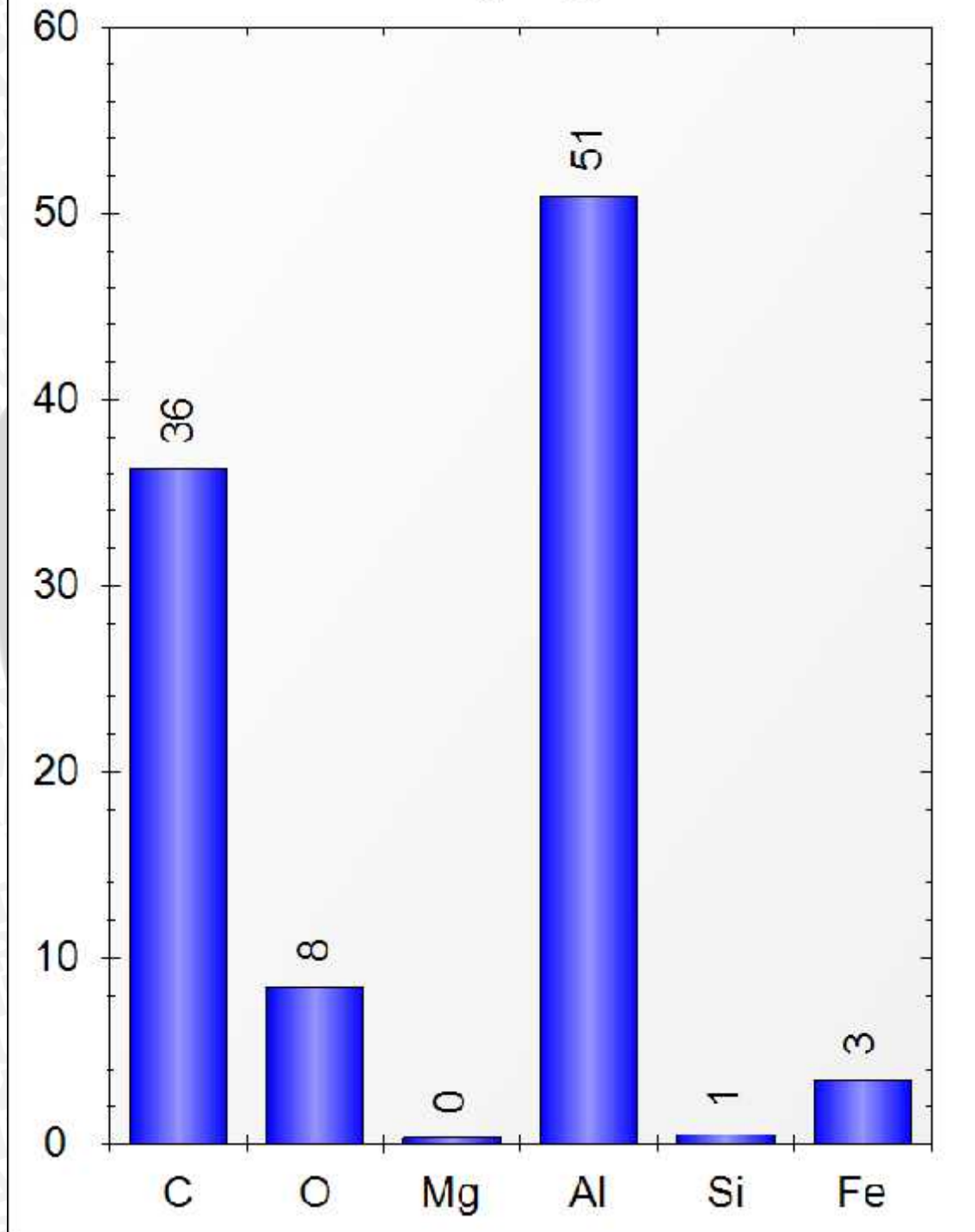
Lampiran 1. Tabel Uji Foto SEM Edhax



Summary results

Element	Weight %	Weight %	Atomic %
Carbon	36.265	0.535	54.597
Oxygen	8.444	0.271	9.544
Magnesium	0.341	0.042	0.253
Aluminum	50.911	0.453	34.119
Silicon	0.557	0.049	0.359
Iron	3.483	0.134	1.128

Weight %



Lampiran 2. Proses Pengecoran

Gambar 1. Suhu Dapur Listrik Saat Peleburan



Gambar 2. Serat *E-GLASS*



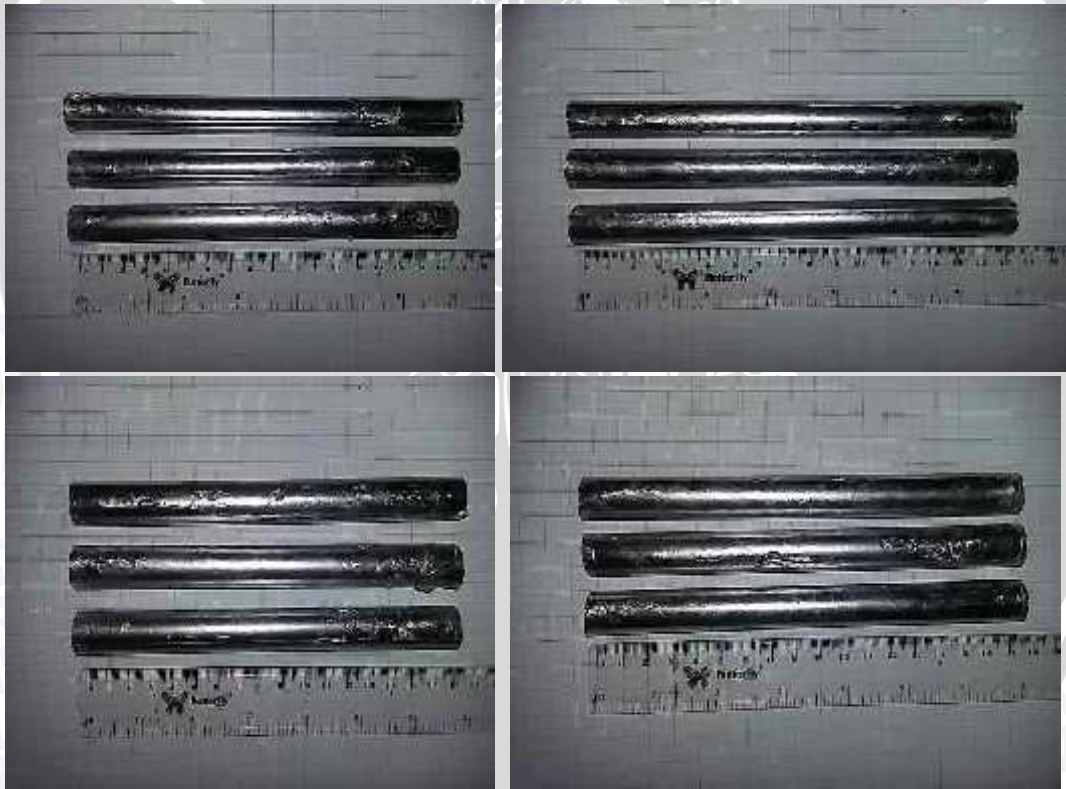
Gambar 3. Waktu Pengadukan Atau Stirr Casting



Gambar 4. Proses Penuangan Logam Cair ke Cetakan



Gambar 5. Hasil Spesimen Coran



Lampiran 3. Perhitungan Tekanan *Plunger*

$$p = \frac{F}{A}$$

$$F = p \times A$$

$$F_{hidrolik} = F_{spesimen}$$

$$p \times A = p \times A$$

$$p \times \frac{3,14 \times 34^2}{4} \text{ mm}^2 = 100 \text{ N/mm}^2 \times \frac{3,14 \times 17^2}{4} \text{ mm}^2$$

$$p \times 907,46 \text{ mm}^2 = 22686,5 \text{ N}$$

$$p \times 9,0746 \text{ cm}^2 = 2268,65 \text{ kgf}$$

$$p = \frac{2268,65 \text{ kgf}}{9,0746 \text{ cm}^2}$$

$$p_{hidrolik} = 250 \text{ kgf/cm}^2$$