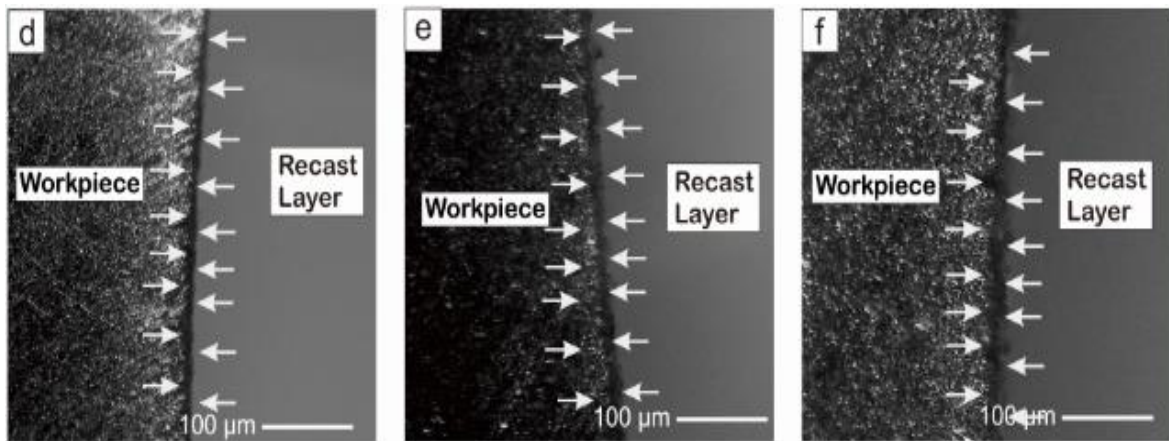


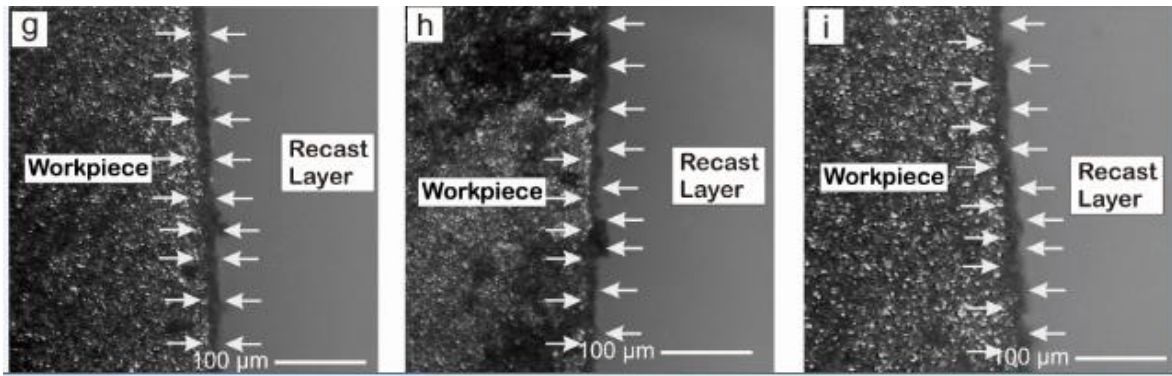
Gambar 1. Lapisan *recast* perbandingan arus 5 A dan *wire feed* 5 mm/menit, 7 mm/menit, 10 mm/menit

no.	Arus (A)	Tegangan (V)	Wire Feed (mm/menit)	Feed Rate (mm/menit)	Recast (μm)	Kekerasan (VHN)	Kekerasan Dalam (VHN)
1	5	70	5	5	25	285	271
2	5	70	7	5	29	292	277
3	5	70	10	5	31	320	262



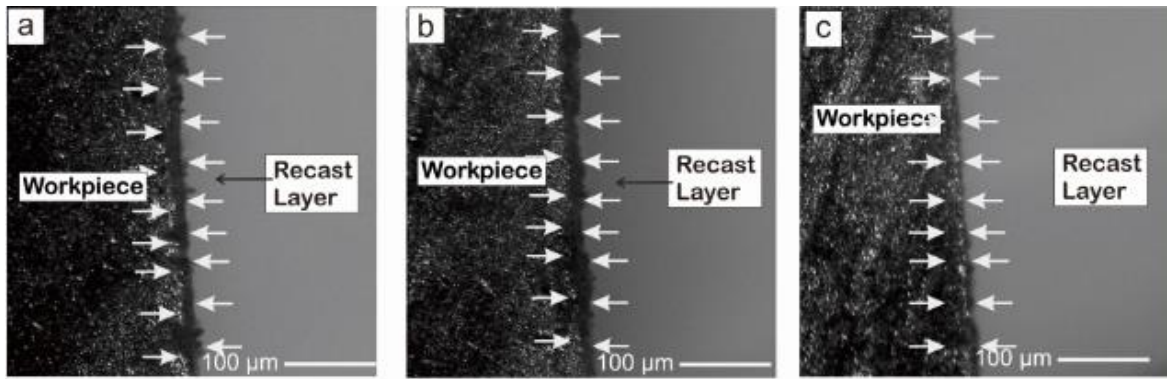
Gambar 2 Lapisan *recast* perbandingan arus 7 A dan *wire feed* 5 mm/menit, 7 mm/menit, 10 mm/menit

no.	Arus (A)	Tegangan (V)	Wire Feed (mm/menit)	Feed Rate (mm/menit)	Recast (μm)	Kekerasan (VHN)	Kekerasan Dalam (VHN)
1	7	70	5	5	26	292	262
2	7	70	7	5	29	311	271
3	7	70	10	5	32	320	277



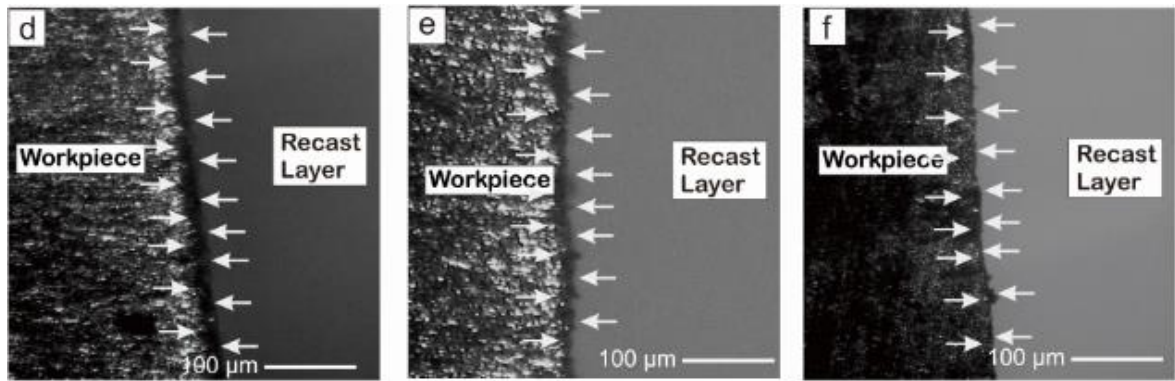
Gambar 3. Lapisan *recast* perbandingan arus 9 A dan *wire feed* 5 mm/menit, 7 mm/menit, 10 mm/menit

no.	Arus (A)	Tegangan (V)	Wire Feed (mm/menit)	Feed Rate (mm/menit)	Recast (μm)	Kekerasan (VHN)	Kekerasan Dalam (VHN)
1	9	70	5	5	29	311	271
2	9	70	7	5	30	320	277
3	9	70	10	5	31	332	303



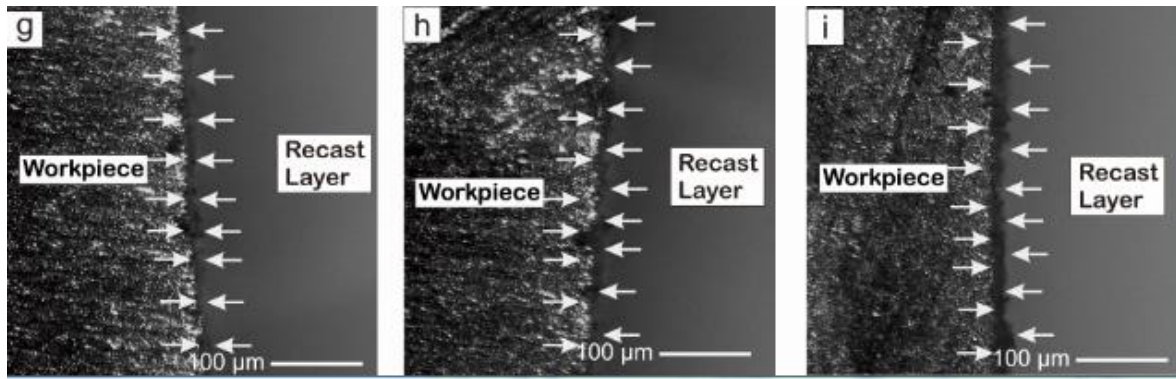
Gambar 4. Lapisan recast perbandingan arus 5 A dan *feed rate* 4,5 mm/menit, 6 mm/menit, 9 mm/menit

no.	Arus (A)	Tegangan (V)	Wire Feed (mm/menit)	Feed Rate (mm/menit)	Recast (μm)	Kekerasan (VHN)	Kekerasan Dalam (VHN)
1	5	70	5	4,5	26	285	277
2	5	70	5	6	29	292	262
3	5	70	5	9	31	320	277



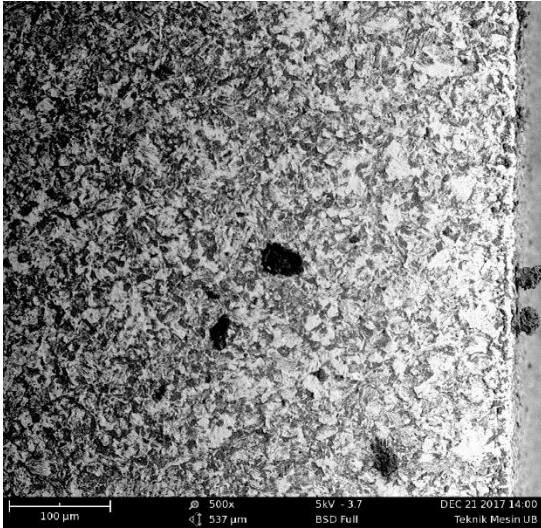
Gambar 5. Lapisan recast perbandingan arus 7 A dan *feed rate* 4,5 mm/menit, 6 mm/menit, 9 mm/menit

no.	Arus (A)	Tegangan (V)	Wire Feed (mm/menit)	Feed Rate (mm/menit)	Recast (μm)	Kekerasan (VHN)	Kekerasan Dalam (VHN)
1	7	70	5	4,5	28	292	262
2	7	70	5	6	30	320	277
3	7	70	5	9	32	332	271

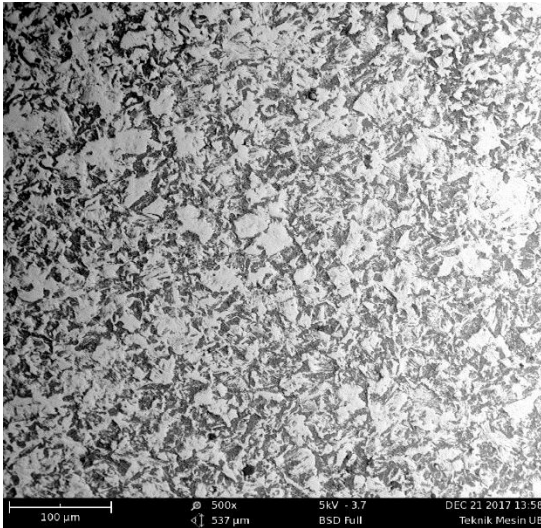


Gambar 6. Lapisan recast perbandingan arus 7 A dan *feed rate* 4,5 mm/menit, 6 mm/menit, 9 mm/menit

no.	Arus (A)	Tegangan (V)	Wire Feed (mm/menit)	Feed Rate (mm/menit)	Recast (μm)	Kekerasan (VHN)	Kekerasan Dalam (VHN)
1	9	70	5	4,5	22	320	271
2	9	70	5	6	28	332	277
3	9	70	5	9	34	345	303



Gambar 7. Foto SEM lapisan *recast* material baja AISI 1045



Gambar 8. Foto SEM perbesaran 500x material baja AISI 1045

