

Extrusion ERP

EXTRUSION ERP SOLUTIONS PVT. LTD.
Re-Melt Shop

Date	Shift	Cast No.	Alloy	Log Dia (mm)	Furnace No.	Start Date Time	End Date Time	Running Hours	Failure Hours	Net Running Hours	Failure Details	Total PNG Consumed	PNG Cons. Per MT
13/06/2024	C	24F014	6061	203.000	4 MT - Furnace 3	13/06/2024 14:00	13/06/2024 20:00	06:00	00:00	06:00		157.000	23.850

Input Details

6063 Bailing Scrap	Mg	Si - Master Alloy	RCM	Total Input
4500.000	18.000	24.000	3049.000	7591.000

Processing Details

Coverall 5 (Kgs)	Coverall 11/115 (Kgs)	Promag (Kgs)	AlTiB (Kgs)	Degasser (Kgs)	Nitrogen (Min)	Grain Refiner (Min)	Degassing (Min)	Holding (Min)	CFF- PPI(per inch)	Bath Temp. °C	Casting Temp. °C	Cast Start Date and Time:	Cast Finish Date and Time:	Casting Speed
0.000	5.000	5.000	0.000	5.000	20	0	20	30	20 PPI	725.000	715.000	13/06/2024 19:40	13/06/2024 19:55	

Chemical Composition

Stage	Spectro Machine	% Si	% Fe	% Cu	% Mn	% Mg	% Zn	% Cr	% Ti	% Al	Remark
Bath	Spectro Max	0.450	0.440	0.039	0.640	0.356	0.067	0.011	0.320	98.100	
Final	Spectro Max	0.320	0.271	0.090	0.491	0.550	0.065	0.017	0.015	98.100	
Spectro Top											
Spectro Bottom											

Output Details

Finished Logs			Dross				Free Iron		Process Loss				Internal Rejection			Melting Loss	
No of Logs	Log Length (mm)	Qty. (Kg)	Dorss Type	Number of Pkg.	Weight (Kg)	%	Qty. (Kg)	%	PIT Metal (Kg)	Tundish Metal (Kg)	Total	%	Log Length (mm)	Weight (Kg)	Reason	Qty. (Kg)	%
20	3765.000	6582.760	S3	25.0	807.000	10.63		0.00	50.000	40.000	90.000	1.19	0.0	0.0		111.240	1.47

Manpower

Name:

Surface Finish / Physical Observation:

Remark:

Shift Supervisor

H.O.D. RE-MELT SHOP