

**TEST CERTIFICATE FOR CARBON/ALLOY STEEL BILLETS FOR RE-ROLLING INTO STEEL GENERAL/STRUCTURAL PURPOSES.**

It is certified that the material described below fully confirms to IS: 2830: 2012  
Chemical Composition tested in accordance with scheme of testing and  
inspection contained in BIS certification marks License.

License Serial No. - ES/BIS/2830/7600107011.

Inv No.	Date	Po No.	Po Dt.	Total Wt.	Total Pcs	Vehicle No.
235	2023-08-30	(1/1)	2023-08-29	25.35	55	GJ04AW4712

**INDIA CRANK MFG CO**

**CHEMICAL COMPOSITION**

Size	Heat No.	Pcs.	C%	Mn%	P%	S%	AL%	CR%	NI%	MO%	CU%	V%	Si%	CE%	Grade	Color
100	H111	25	0.19	0.97	0.029	0.021	0.003	0.08	0.051	0.015	0.005	0.001	0.28	0.41	A105	Color
100	H235	22	0.22	0.55	0.035	0.031	0.017	0.09	0.041	0.015	0.005	0.001	0.28	0.3	MS	Color

**PHYSICAL PARAMETERS**

- All Physical Properties are as per & within IS 2830:2012 Requirements & Tolerances.
- The material is free from Radioactive Contamination, Lead, Mercury and Surface Defects.

Process Route - EIF-CCM

Q.C.

Elaf Steel