**TEST CERTIFICATE FOR CARBON/ALLOY STEEL BILLETS FOR RE-ROLLING INTO 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. 291** | **Date - 2023-09-09** |
| **Po. No. 5** | **Po. Date - 2023-09-09** |
| **Total Qty. - 25.360** | **Vehicle No. - GJ04AW5437** |
| **Total Pcs. - 55** | |

**BUYER :- INDIA CRANK MFG CO**

**CHEMICAL COMPOSITION**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Size MM** | **Heat No.** | **Qty. Pcs.** | **C %** | **Mn %** | **P %** | **S %** | **Si %** | **Grade** | **Color Code** |
| **100** | **H235** |  | 0.22 | 0.55 | 0.035 | 0.031 | 0.28 | **MS** |  |
| **100** | **H111** |  | 0.19 | 0.97 | 0.029 | 0.021 | 0.28 | **A105** |  |

**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**