

**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. |
|---------|------------|--------|------------|-----------|-----------|-------------|
| 291     | 2023-09-09 | 5      | 2023-09-09 | 25.36     | 55        | GJ04AW5437  |

**INDIA CRANK MFG CO**

**CHEMICAL COMPOSITION**

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

**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**